



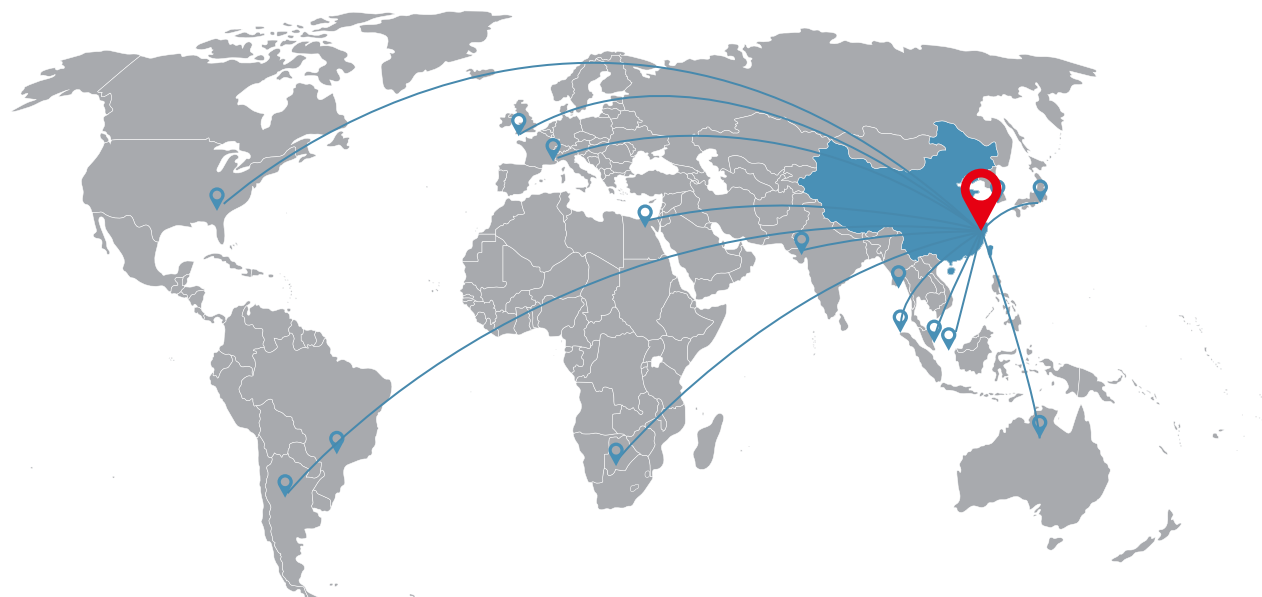
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HIGH PERFORMANCE VALVE SOLENOID



2023-2024
BOYE
HYDRAULIC
TECHNOLOGY

NINGBO BOYE HYDRAULIC TECHNOLOGY CO., LTD.



COMPANY PROFILE ▼

Ningbo Boye Hydraulic Technology Co., Ltd. was founded in 2007, formerly known as Ningbo Zhenhai Boye Hydraulic Mechanical and Electrical Co., Ltd. It moved to a new factory in 2020 and is now located in Ningbo, China, close to Jiulong Lake 5A National Tourist Scenic Area, covering an area of 8,000 square meters square meters, with a factory area of 12,000 square meters and more than 100 employees. It is an entity enterprise specializing in the design, production and sales of various electromagnetic products. The company has successively introduced, digested and absorbed product technologies of many internationally renowned brands. After years of accumulation and continuous improvement, it has sold more than 30 million sets of various electromagnetic products. The team has rich product development and production experience.

The company's main products include BYZ DC wet valve solenoid, BYJ AC wet valve solenoid, BYG proportional valve solenoid, BYC cartridge valve coil, BYQ automotive coil, BYT magnetic bushing for cartridge valve and BYS special products etc., with an annual production capacity of over 5 million pieces.

The company adheres to the business philosophy of "product quality is Boye's persistence, customer satisfaction is Boye's pursuit" and continues to provide customers with high-quality products and perfect services. The company has passed ISO9001 quality system certification and product CE certification. In addition to supporting domestic customers, it is also exported to Russia, Western Europe, North America, Southeast Asia, the Middle East and other regions.

Over the years, the company has adhered to the purpose of operating with integrity, never forgetting its original aspiration, reforming and innovating, relying on strong technical force, advanced processing equipment, perfect testing methods, and stable product quality to establish a standardized industrial chain to ensure excellent product quality and win With the trust and support of new and old customers, the company has become full of innovative vitality, perseverance and perseverance.

The company's general manager Xie Zhijian and all employees sincerely look forward to and welcome you to join us and work together to contribute to China's hydraulic industry.





Certificate of honor

ISO9001 Quality System Certificate



CE Product Certificate



Patent Certificate



High-tech enterprises

Office environment



Key processes





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13 **BYZ** DC solenoids for hydraulics valves

BYZ09 Round metal shell, threaded connection

- 15 BYZ09-15 NG 3
- 17 BYZ09-20 NG 4
- 18 BYZ09-25 NG 6
- 19 BYZ09-30 NG 5
- 20 BYZ09-45 NG 6
- 21 BYZ09-50 NG 6
- 29 BYZ09-55 NG 6
- 31 BYZ09-60 NG 10
- 32 BYZ09-120 NG 10



BYZ11 Plastic housing, threaded connection

- 37 BYZ11-40 NG 6
- 39 BYZ11-50 NG 6
- 42 BYZ11-90 NG 10



BYZ12 Plastic housing, threaded connection

- 44 BYZ12-40 NG 6
- 46 BYZ12-90 NG 10



BYZ16 Round metal shell, threaded connection

- 49 BYZ16-40 NG 5
- 51 BYZ16-40A NG 5
- 53 BYZ16-60 NG 6
- 55 BYZ16-90 NG 10



BYZ08 Plastic housing, threaded connection

- 57 BYZ08-30 NG 5



BYZ02 For ball valves, threaded connection

- 58 BYZ02-3C
- 59 BYZ02-55



BYZ03 Square coil, plastic housing

- 60 BYZ03-13 $\phi 13$ holes
- 61 BYZ03-16 $\phi 16$ holes



63 **BYJ** AC solenoids for hydraulics valves

BYJ09 Plastic housing, threaded connection

- 65 BYJ09-27 NG 6
- 66 BYJ09-54 NG 10



BYJ11 Plastic housing, threaded connection

- 65 BYJ11-27 NG 6
- 66 BYJ11-54 NG 10



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77 BYG01-40 For pressure valves

78 BYG01-80 For flow valves



BYG06 Plastic housing, threaded connection

87 BYG06-37 NG5

89 BYG06-45 NG6



BYG02 Plastic housing, threaded connection

79 BYG02-33 $\phi 33$ outer diameter



BYG07 For ball valves, threaded connection

91 BYG07-37 NG5

96 BYG07-45 tNG6



BYG03 Plastic housing, threaded connection

80 BYG03-32 $\phi 32$ outer diameter



BYG08 Square coil, plastic housing

97 BYG08-33 $\phi 33$ outer diameter



BYG04 Plastic housing, threaded connection

81 BYG04-21 PV70/72



99 **BYM** AC solenoids for hydraulics valves

BYM01 Plastic housing, threaded connection

100 BYM01-18 18-hole coil



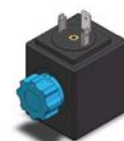
BYG05 Plastic housing, threaded connection

85 BYG05-45 SRCB



BYM08 Plastic housing, threaded connection

104 BYM08-13 13-hole coil



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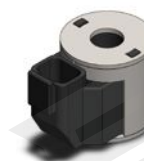
105 **BYC** DC solenoids for hydraulics valves

BYC01 Round metal shell, threaded connection

107 BYC01-13 $\phi 13$ holes SV08

108 BYC01-16 $\phi 16$ holes SV10

109 BYC01-21 $\phi 21$ holes PV70



BYC02 Plastic housing, threaded connection

109 BYC02-11 $\phi 11$ holes

110 BYC02-13 $\phi 13$ holes SV08

115 BYC02-14 $\phi 14$ holes

115 BYC02-16 $\phi 16$ holes SV10



BYC03 Plastic housing, threaded connection

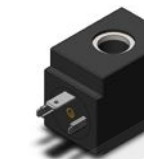
117 BYC03-13 $\phi 13$ holes

118 BYC03-16 $\phi 16$ holes



BYC04 Plastic housing, threaded connection

119 BYC04-13 $\phi 13$ holes



BYC05 Plastic housing, threaded connection

122 BYC05-13 $\phi 13$ holes



BYC06 Round metal shell, threaded connection

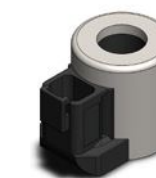
127 BYC06-14 $\phi 14$ holes

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129 BYC06-18 $\phi 18$ holes

131 BYC06-19 $\phi 19$ holes

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BYC07 Plastic housing, threaded connection

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BYC08 For ball valves, threaded connection

134 BYC08-10 $\phi 10$ holes



BYC09 Square coil, plastic housing

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BYC10 Square coil, plastic housing

79 BYC10-13 $\phi 13$ holes



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141 BYT01-13 $\phi 13$ outer diameter

143 BYT01-16 $\phi 16$ outer diameter

145 BYT01-S13 $\phi 13$ outer diameter, two-way

145 BYT01-S16 $\phi 16$ outer diameter, two-way

BYT02 Plastic housing, threaded connection

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BYT03 Plastic housing, threaded connection

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149 BYT04-13 $\phi 13$ outer diameter

BYT05 Plastic housing, threaded connection

150 BYT05-13 $\phi 13$ outer diameter

BYT06 Plastic housing, threaded connection

151 BYT06-13 $\phi 13$ outer diameter

BYT07 Plastic housing, threaded connection

152 BYT07-14 $\phi 14$ outer diameter

BYT09 Plastic housing, threaded connection

153 BYT09-16 $\phi 16$ outer diameter

BYT10 Plastic housing, threaded connection

154 BYT10-13 $\phi 13$ outer diameter

154 BYT10-16 $\phi 16$ outer diameter

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155 BYT11-13 $\phi 13$ outer diameter

157 BYT11-16 $\phi 16$ outer diameter

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159 BYT12-16 $\phi 16$ outer diameter

BYT13 Square coil, plastic housing

160 BYT13-13 $\phi 13$ outer diameter

BYT14 Square coil, plastic housing

160 BYT14-13 $\phi 13$ outer diameter

BYT15 Square coil, plastic housing

161 BYT15-16 $\phi 16$ outer diameter

BYT16 Square coil, plastic housing

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162 BYT16-16 $\phi 16$ outer diameter

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163 **BYS** special product

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165 BYS01-45 $\phi 45$ outer diameter

BYS02 Plastic housing, threaded connection

166 BYS02-25 25 opposite sides

BYS03 Plastic housing, threaded connection

169 BYS03-36 36 opposite sides

BYS04 Plastic housing, threaded connection

170 BYS04-47 $\phi 47$ outer diameter

BYS05 Plastic housing, threaded connection

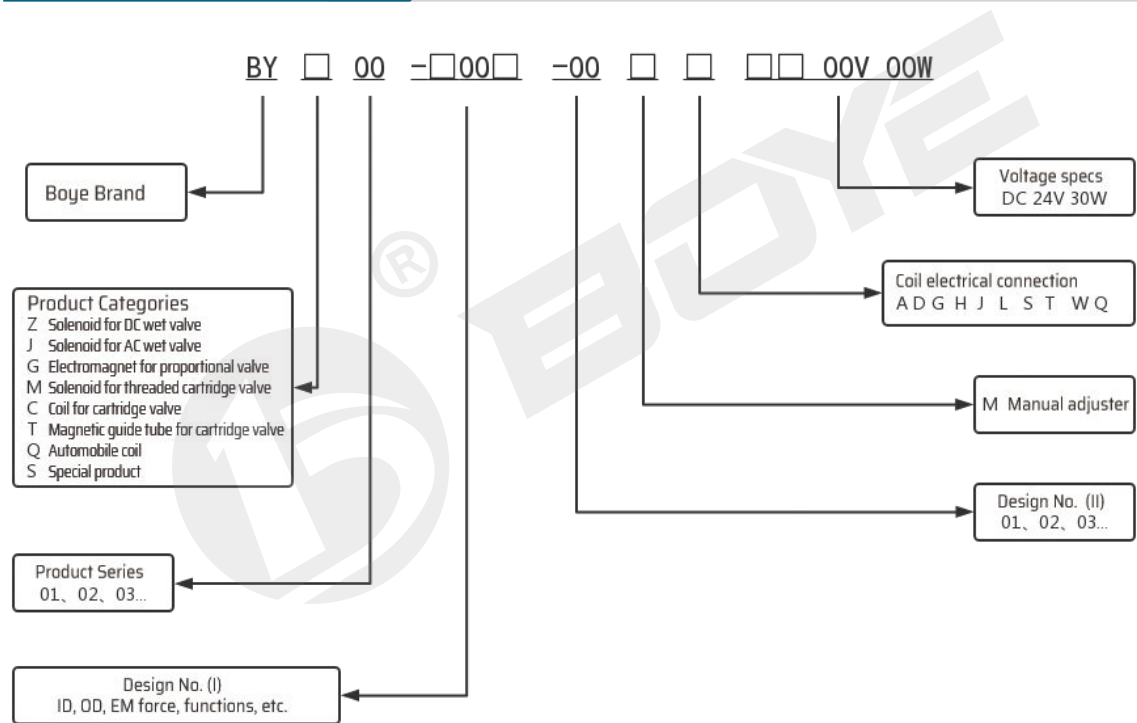
171 BYS05-45 $\phi 45$ outer diameter

BYS07 Round metal shell, threaded connection

172 BYS07-40 40 width

173 **BYQ** Automobile coil


Product Selection Guide



Code	Power form	Diagram
DC	DC input	
AC	AC input/ External half wave rectifier circuit	
BC	Built in half wave rectifier circuit	
RC	Built in full wave rectifier circuit	
DC/S	Built in bidirectional secondary pipe	

Electrical connection form and protection level							
Code	Name	Protection Level	Diagram	Code	name	Protection Level	Diagram
A	Junction box type	IP65		D	DP04-2P	IP67	
G	three-prong DIN43650 ISO4400	IP65		H	cable type	IP67	
J	AMP	IP67		L	lead type	IP67	
S	two-prong SAE J858a	IP65		K	threaded type Kostal	IP67	
Other connection methods available upon request							

Precautions for use

1. The coil shall not be powered on alone, which has the risk of burning!
2. The electromagnets at both ends of the solenoid valve shall not be energized at the same time!
3. The electromagnet shall not be used in the environment exceeding the rated working pressure!
4. Before using the electromagnet, confirm that the input voltage is correct and stable to avoid coil burning or failure to work!

Safety precautions

1. Non explosion-proof coil shall not be used in medium with explosion risk!
2. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock!

BYZ DC SOLENOIDS FOR HYDRAULICS VALVES



- Boye hydraulic, Byz DC wet valve electromagnet, as the key electromagnetic driving element of hydraulic solenoid valve, is widely used in automatic control system.
- The technical standard is designed and produced in strict accordance with jbt5244 / vde0580.
- It adopts high-quality magnetic conducting material with large output force to ensure the stable and reliable operation of the solenoid valve.
- A variety of standard connection modes are provided, and the enclosure protection grade is ip65-ip69k, which can meet the environmental needs of different fields.
- It adopts high-quality H-class enamelled wire and insulating material, and fully plastic sealed coil structure, which is firm and durable, fast heat dissipation, and will not burn even if it is used for a long time.
- Rated working pressure of magnetic guide sleeve $\leq 21\text{MPa}$, limit pressure $\geq 31.5\text{Mpa}$, burst pressure $\geq 63\text{Mpa}$.
- Mechanical life > 10 million times, pulse fatigue life > 2 million times
- Surface treatment: blue white zinc
- If the standard products can not meet your needs, you can contact our company. If there are other special requirements, you can customize them. Welcome to consult.

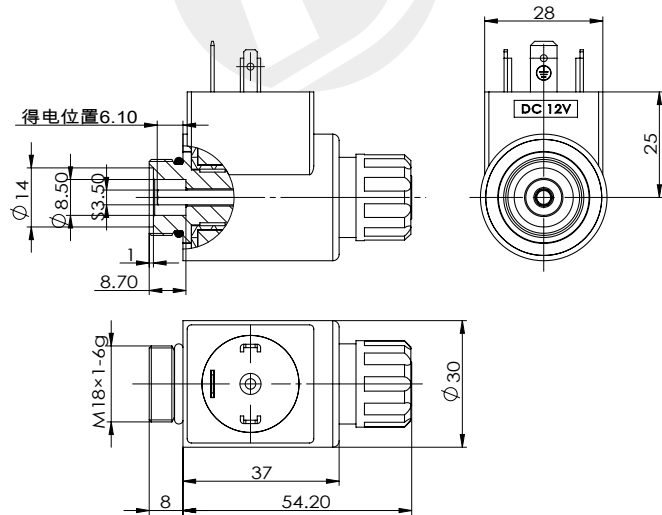


BYZ09-15-02G

DC solenoids for hydraulics valves

- Applicable to 3-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 13$

Outline and connection dimensions

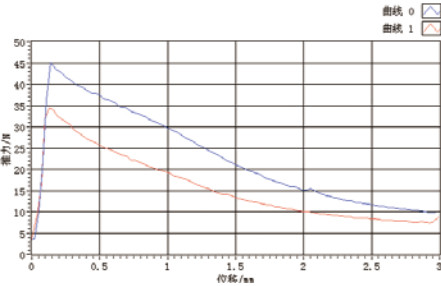


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	25
Rated stroke	mm	2
Full stroke	mm	≥ 4.5
Rated suction	N	15
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H180
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



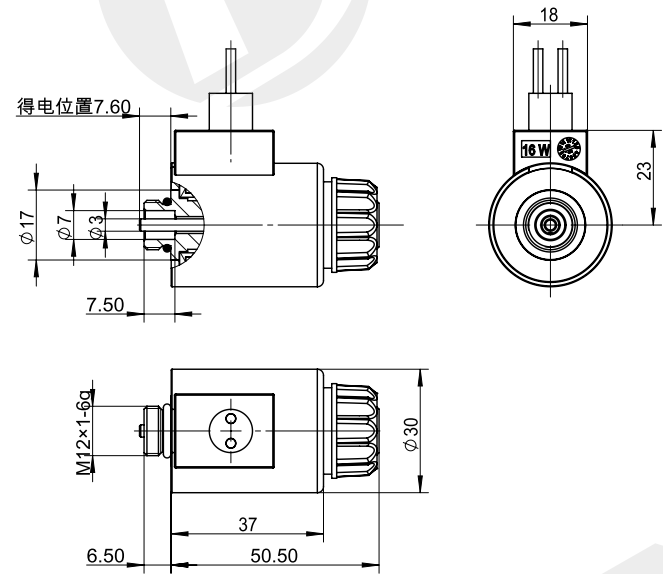
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-15-03L

DC solenoids for hydraulics valves

- Applicable to 4-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 13$

Outline and connection dimensions

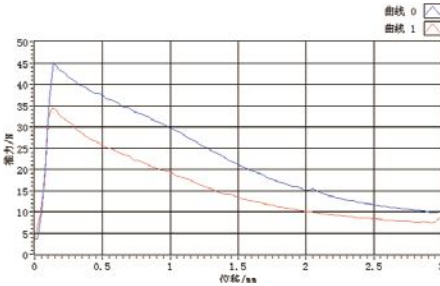


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	1
Full stroke	mm	≥ 2.4
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		双引线

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



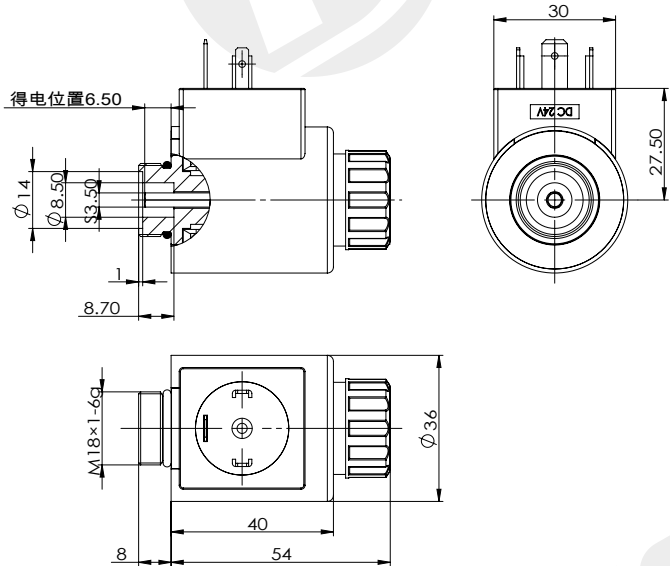
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-20-01G

DC solenoids for hydraulics valves

- Applicable to 4-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 14$

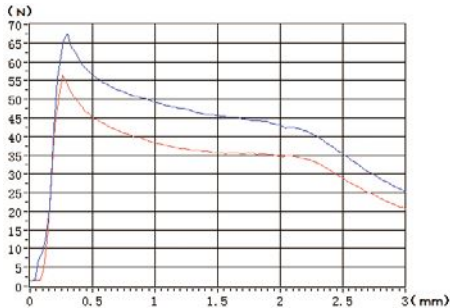
Outline and connection dimensions



matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

DC 24V AC 220V

Other can be customized

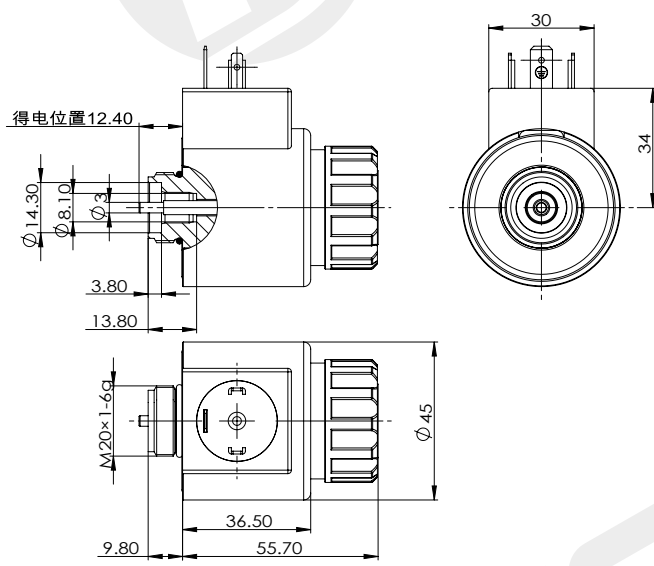


BYZ09-25-01G

DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$

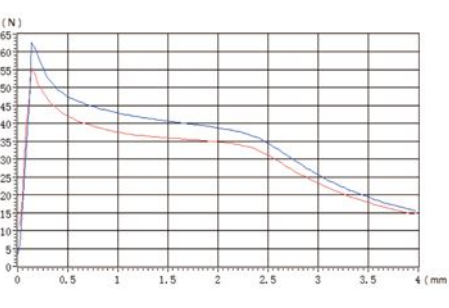
Outline and connection dimensions



matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-30-01G

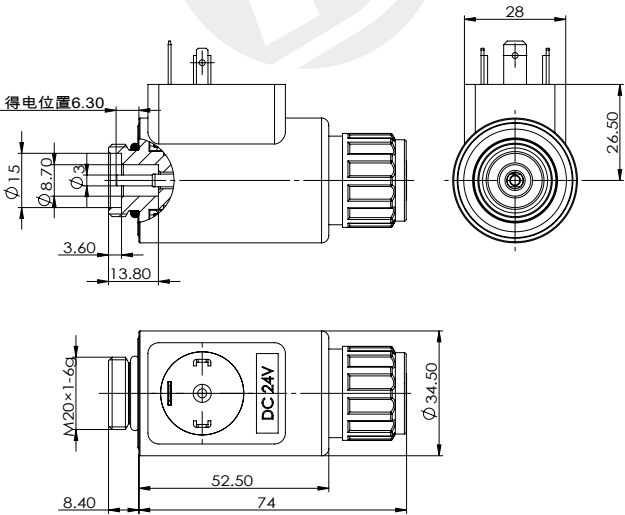
DC solenoids for hydraulics valves

- Applicable to 5-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 16$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

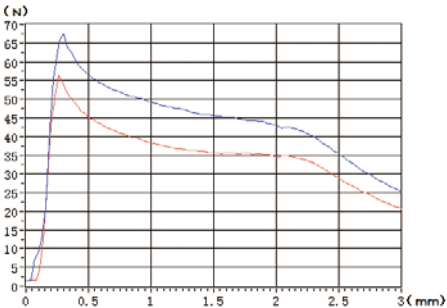


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	25
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-45-01G

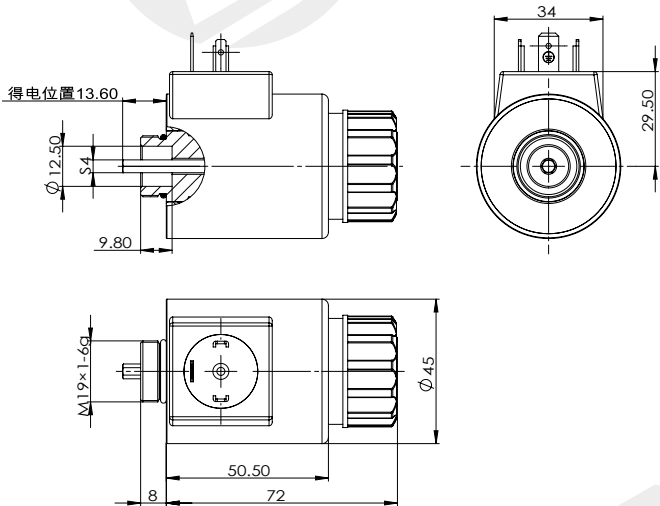
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 22$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

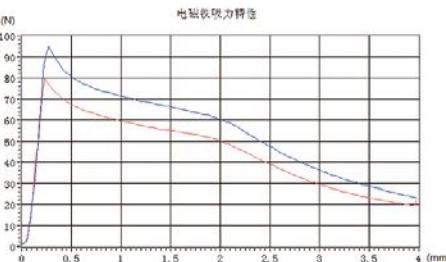


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	25
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-50-01G

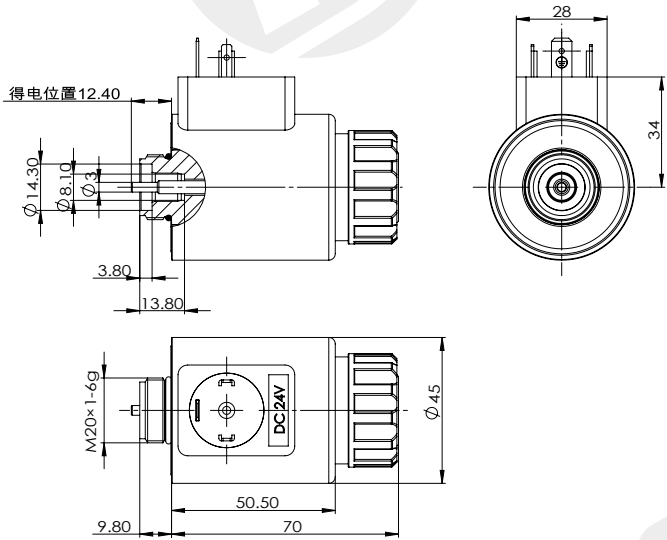
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

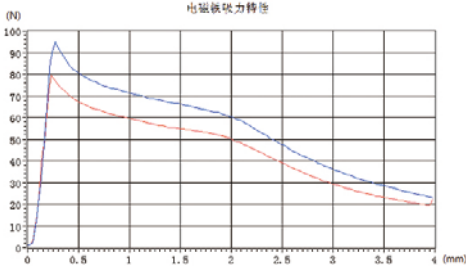


technical parameter		
Ambient temperature	°C	-10~40
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



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BYZ09-50-01A

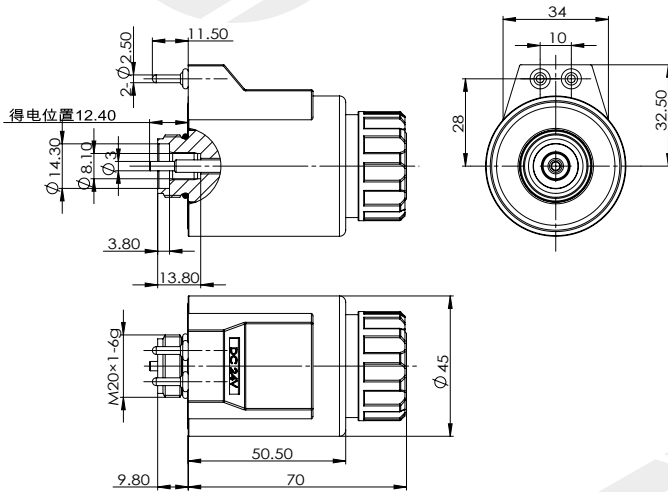
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

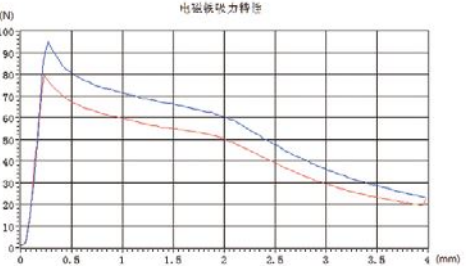


technical parameter		
Ambient temperature	°C	-10~40
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		接线盒式

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-50A-01G

DC solenoids for hydraulics valves

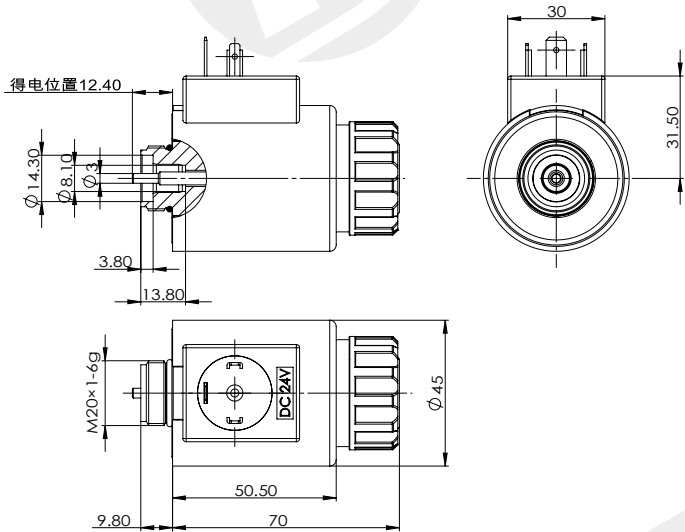
DC 24V
AC 220V

Other can be customized

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$, Full plastic sealing process



Outline and connection dimensions

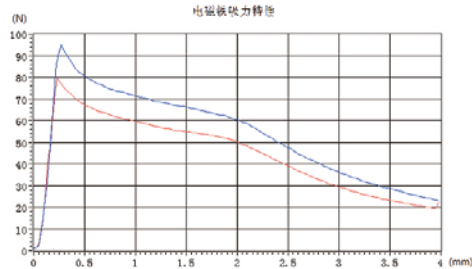


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



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BYZ09-50A-01D

DC solenoids for hydraulics valves

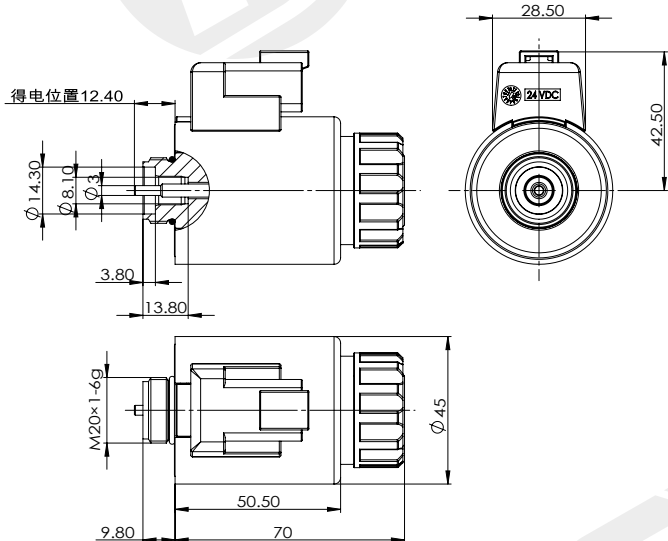
DC 12V
DC 24V

Other can be customized

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$, Full plastic sealing process



Outline and connection dimensions

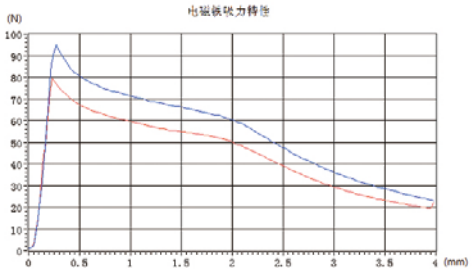


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-50B-01G

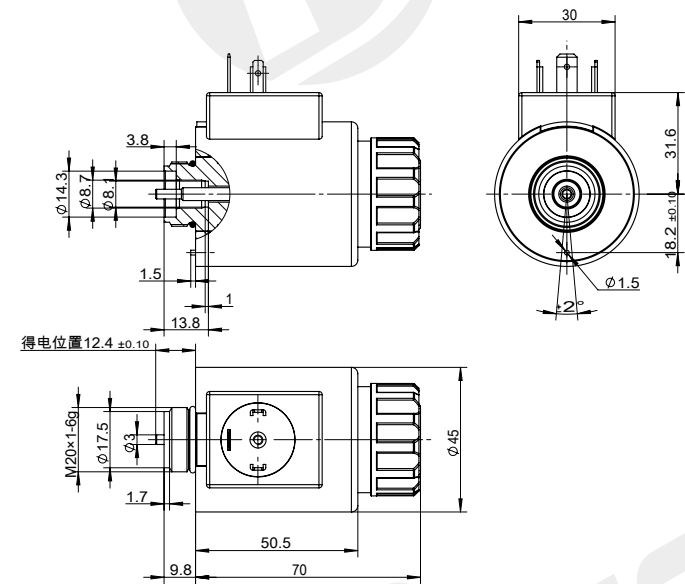
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$, Full plastic sealing process

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

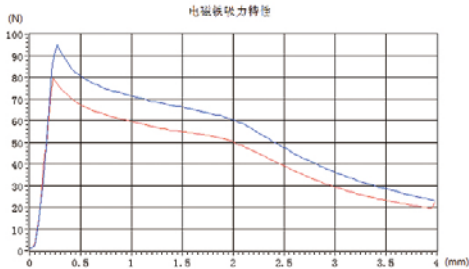


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-50B-02D

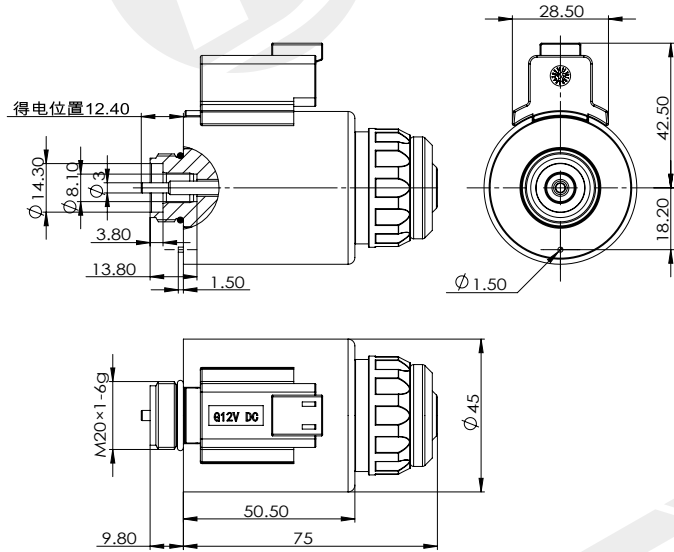
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$, Full plastic sealing process

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

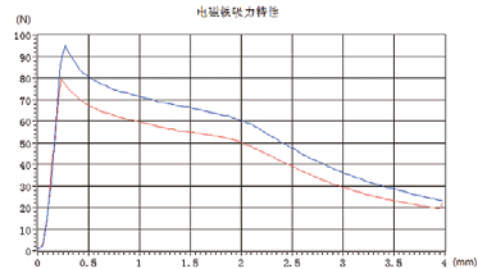


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-50C-01G

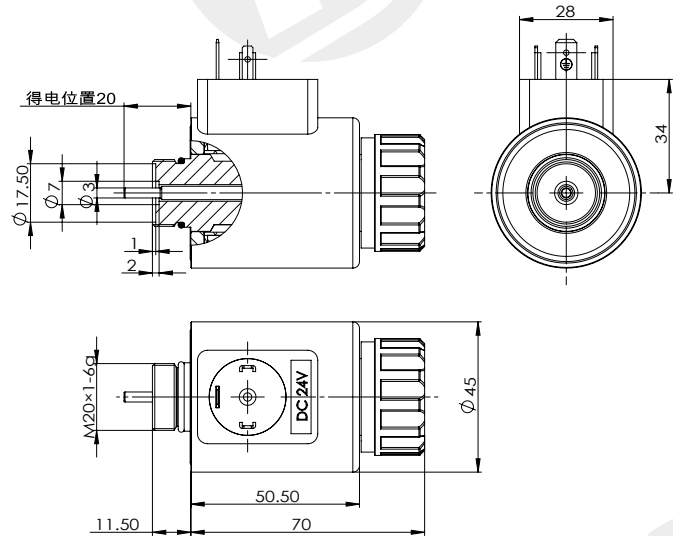
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic electromagnetic ball valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 23

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

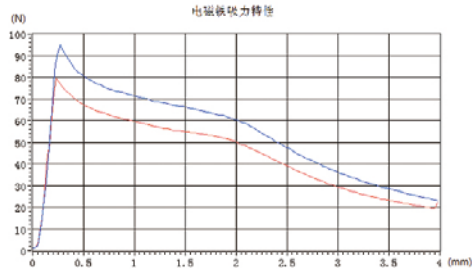


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	—
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-50G-01D

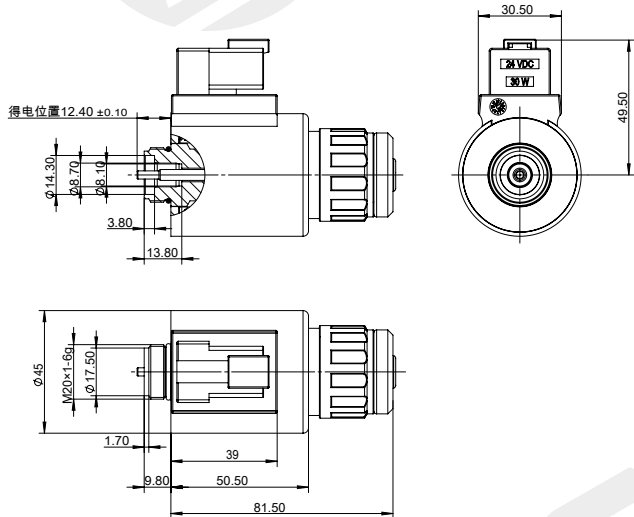
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 23, Full plastic sealing process

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

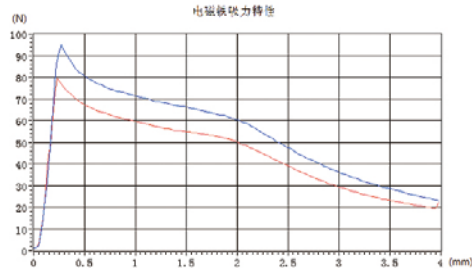


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-55-01G

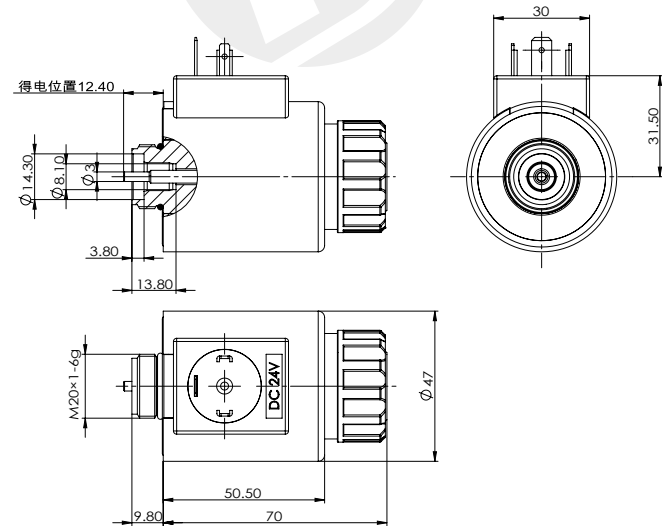
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 23, Full plastic sealing process

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

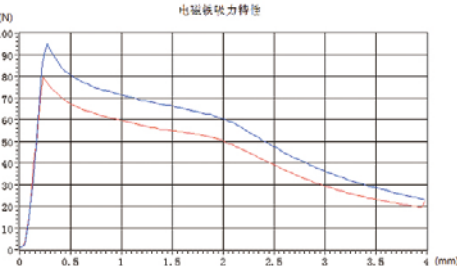


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-55-01D

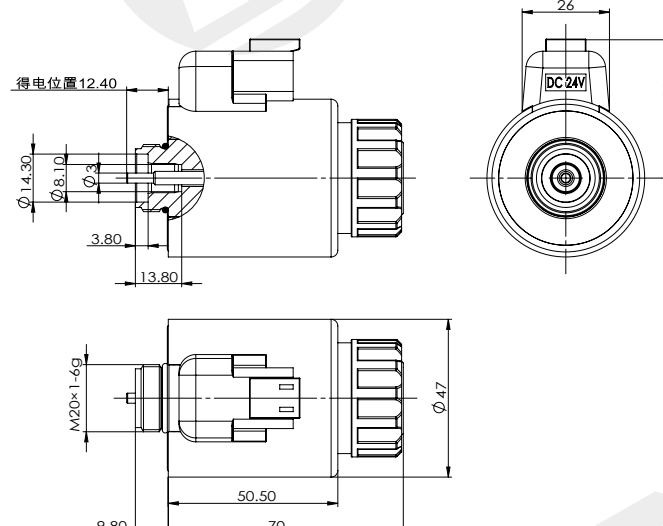
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic electromagnetic ball valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 23

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

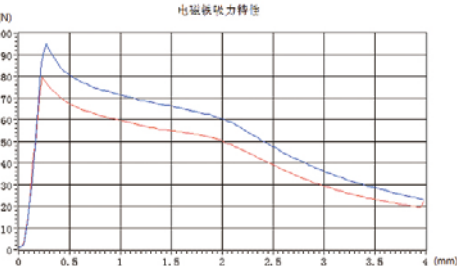


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-120-01A

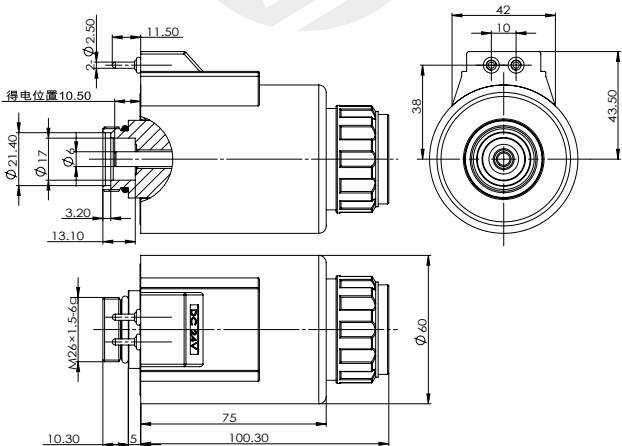
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 31.5

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

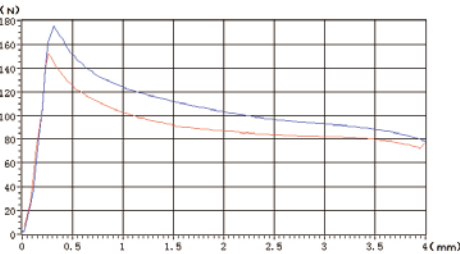


technical parameter		
Ambient temperature	°C	-10~40
Voltage fluctuation range	%	85 ~ 110
Rated power	W	40
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		F(155)
Electrical connection mode		接线盒式

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-120A-01G

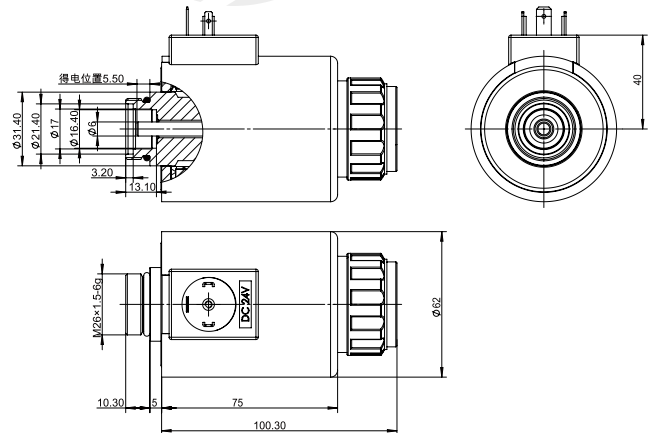
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 31.5

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

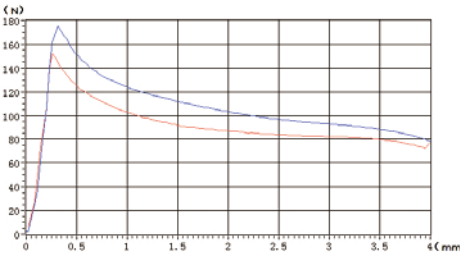


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	40
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-120A-01D

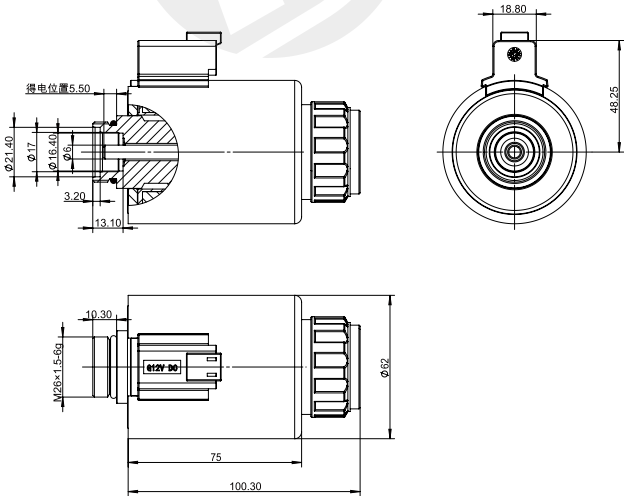
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 31.5

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

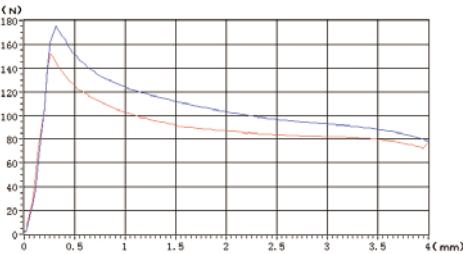


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	40
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ09-120L-01G

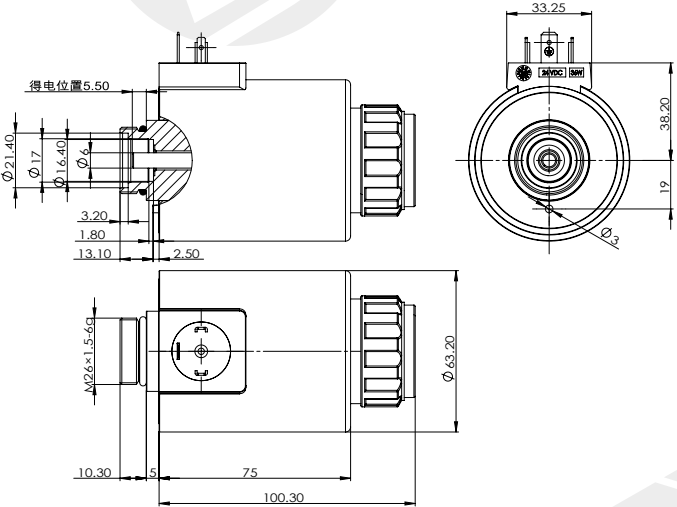
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 31.5

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

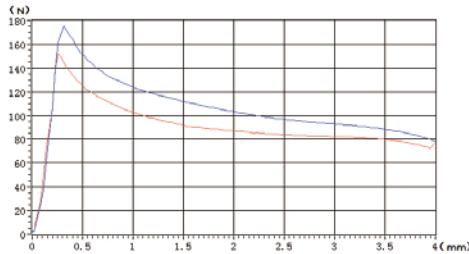


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	36
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ11-40-01G

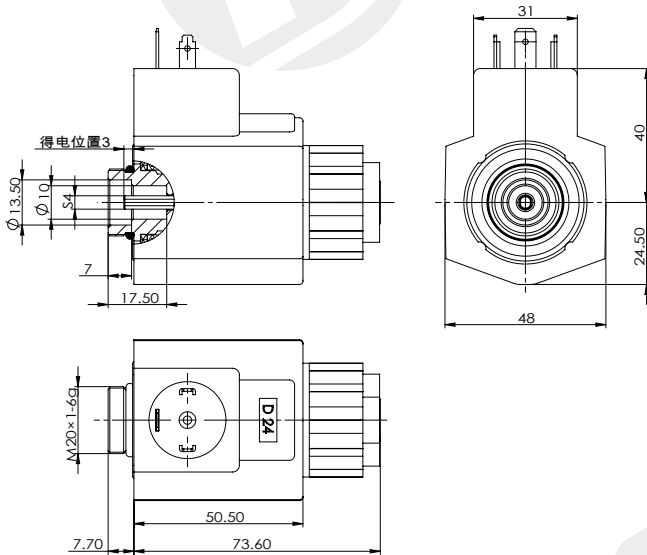
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 19$
- Encapsulated in BMC thermosetting plastic

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

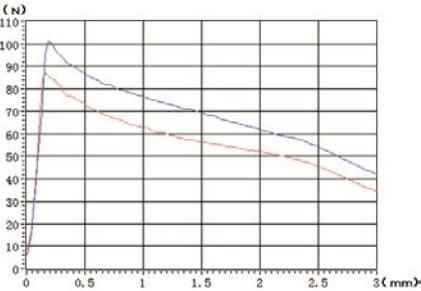


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ11-40-01A

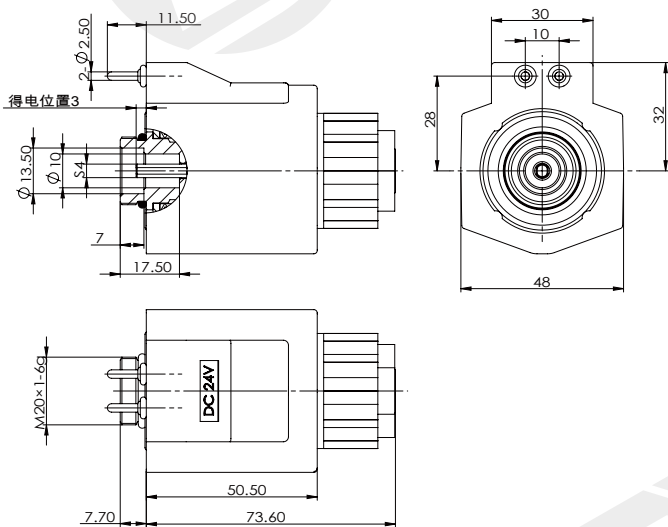
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 19$
- Encapsulated in BMC thermosetting plastic

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

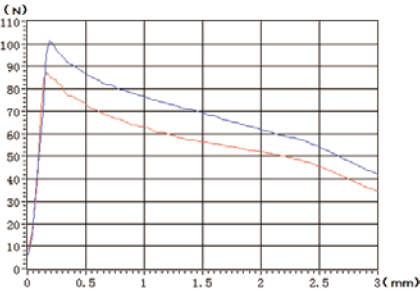


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		J/B

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ11-50-01G

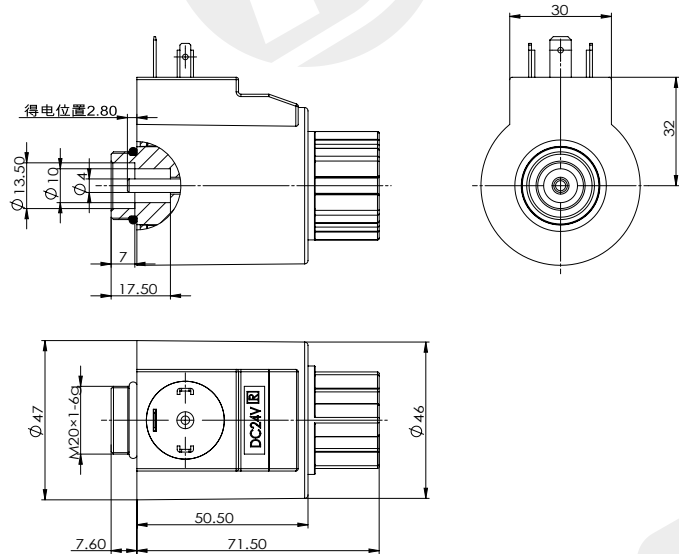
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

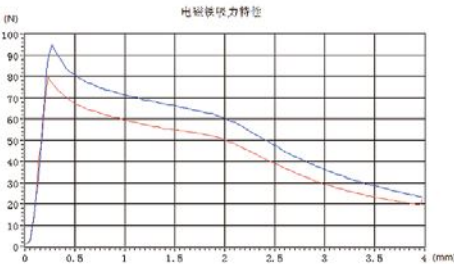


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ11-50-01A

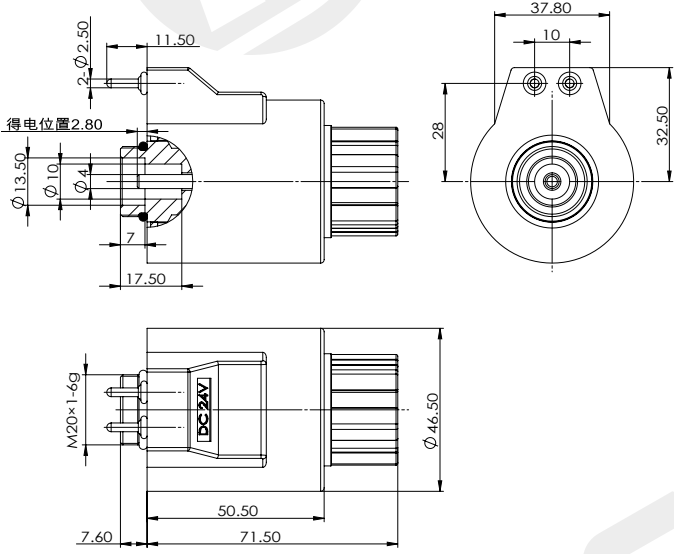
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

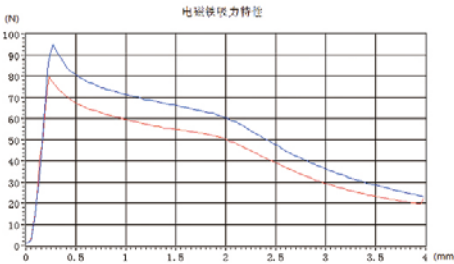


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		J/B

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



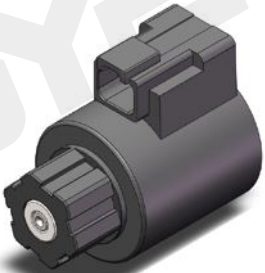
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ11-50-02D

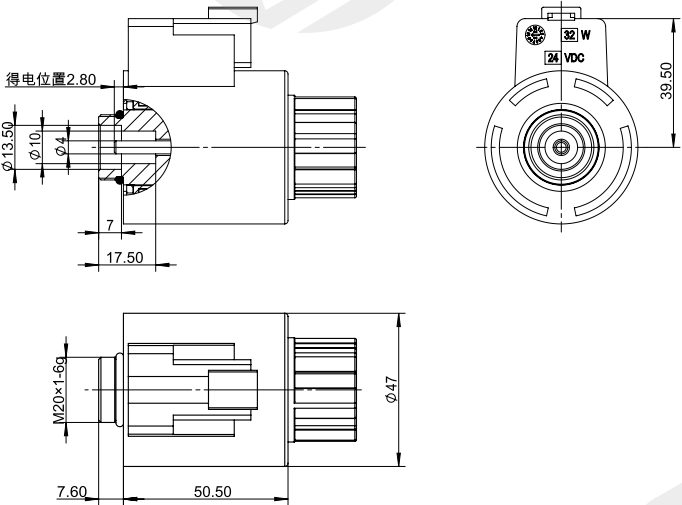
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

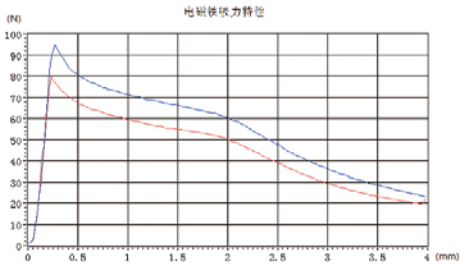


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ11-90-01G

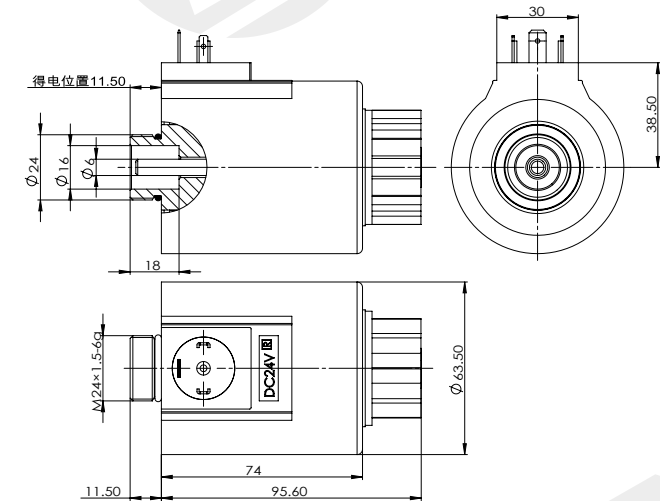
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 31.5$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

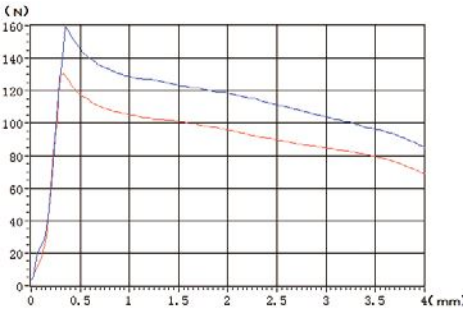


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	38
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ11-90-01A

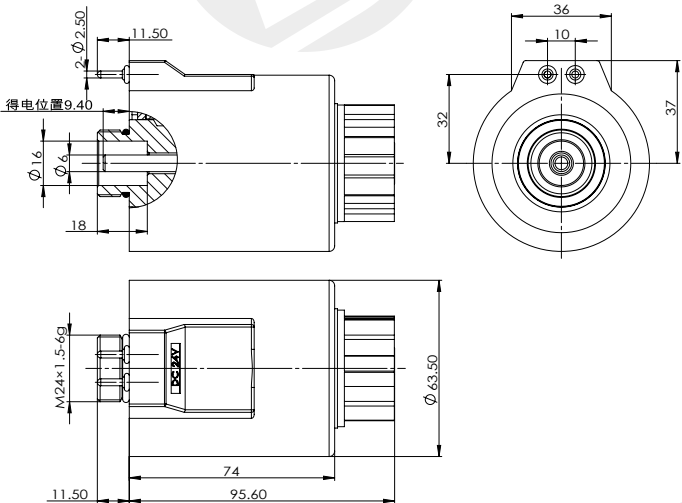
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 31.5$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

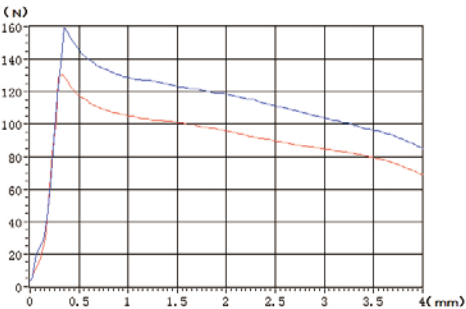


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	38
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		接线盒式

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ12-40-01G

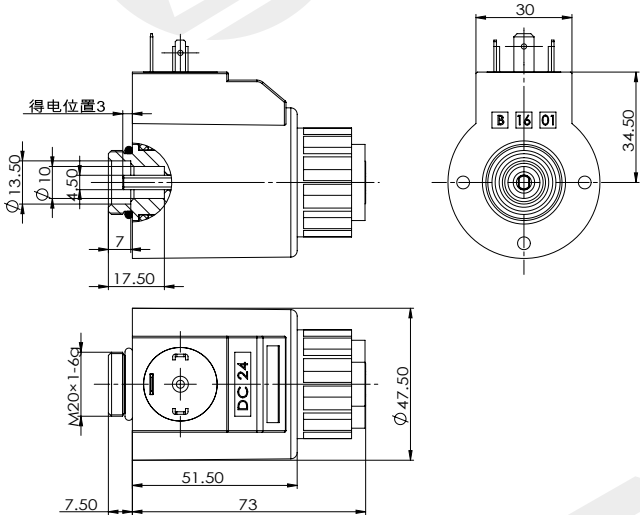
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 20$
- Encapsulated in BMC thermosetting plastic

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

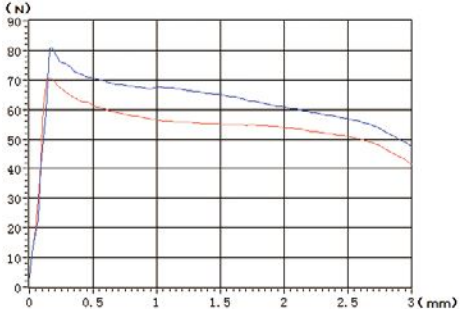


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ12-40-01A

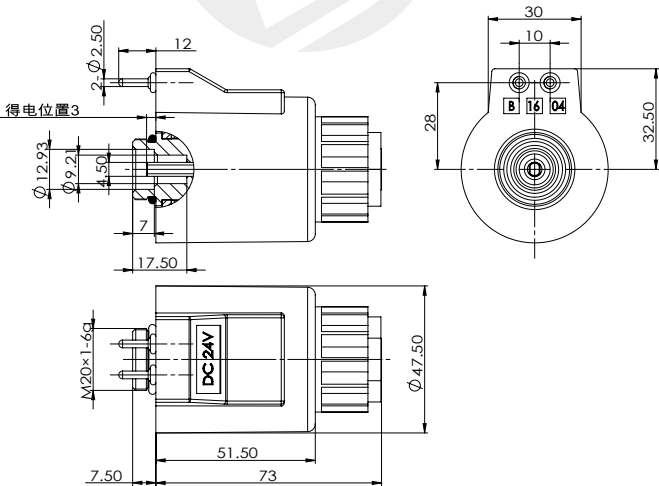
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 20$
- Encapsulated in BMC thermosetting plastic

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

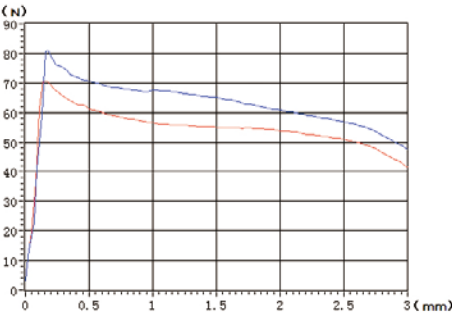


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		J/B

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ12-90-01G

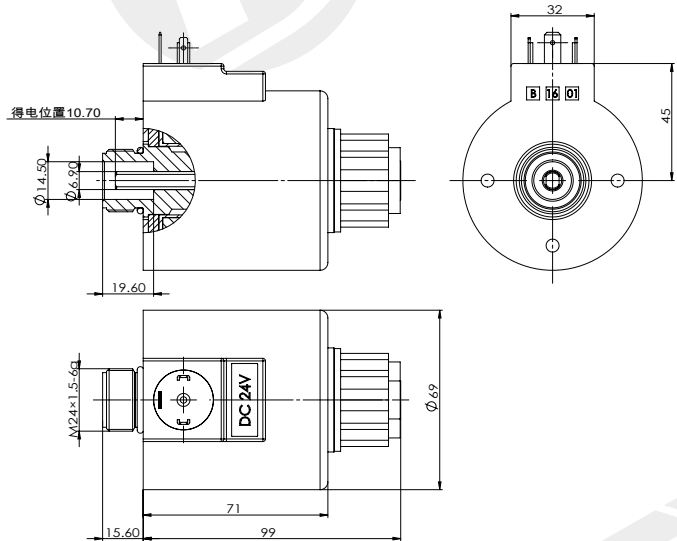
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 26$
- Encapsulated in BMC thermosetting plastic

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

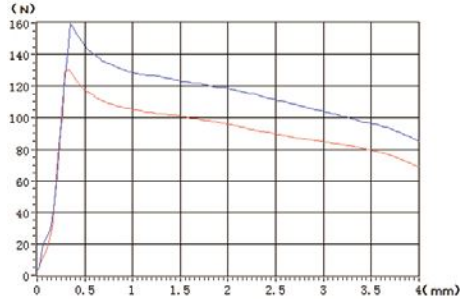


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	38
Rated stroke	mm	4
Full stroke	mm	≥ 9
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



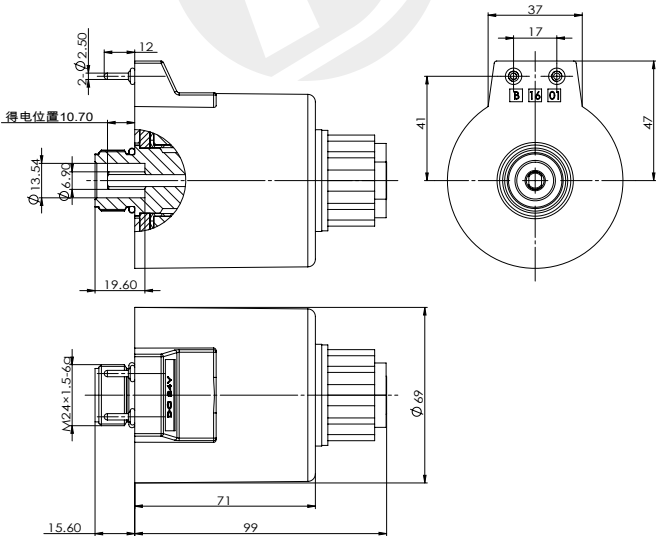
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ12-90-01A

DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 26$
- Encapsulated in BMC thermosetting plastic

Outline and connection dimensions



DC 24V
AC 220V

Other can be customized



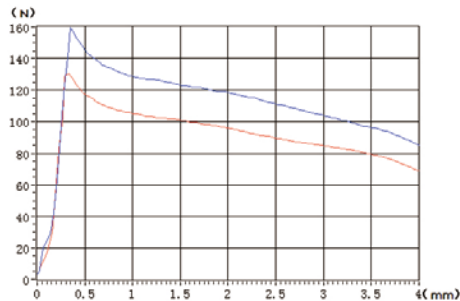
technical parameter

Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	38
Rated stroke	mm	4
Full stroke	mm	≥ 9
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		J/B

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.



BYZ16-40-01G

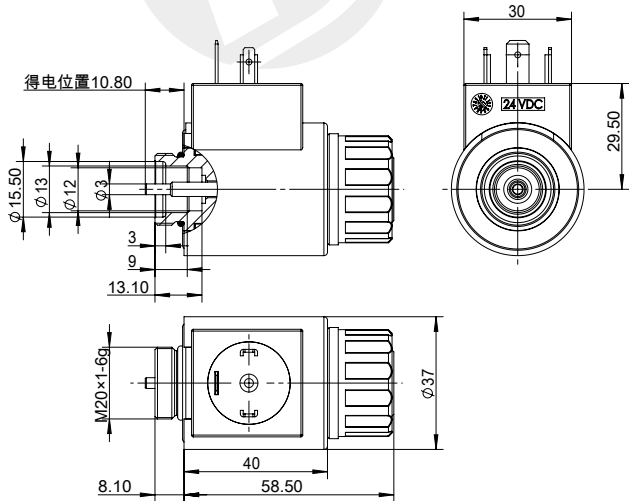
DC solenoids for hydraulics valves

- Applicable to 4-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 19$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

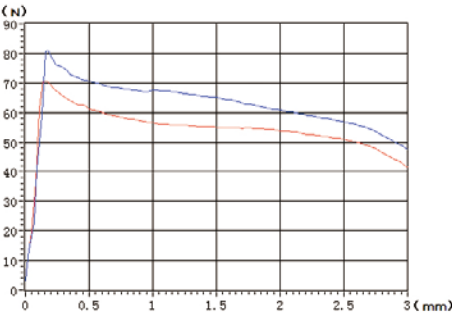


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	18
Rated stroke	mm	2
Full stroke	mm	≥ 4.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ16-40-01D

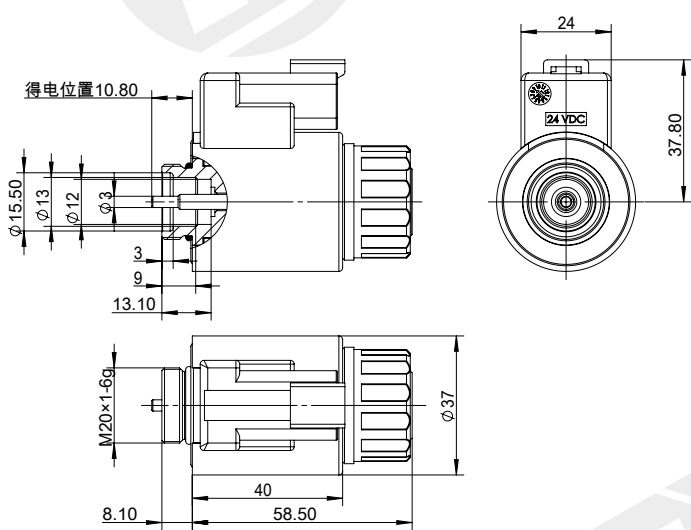
DC solenoids for hydraulics valves

- Applicable to 4-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 19$

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

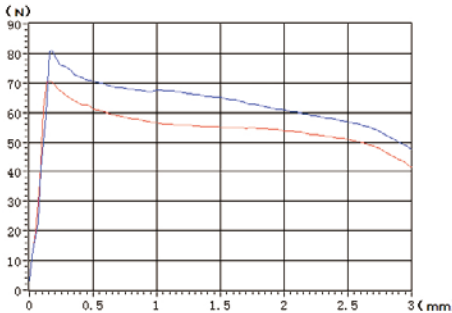


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	18
Rated stroke	mm	2
Full stroke	mm	≥ 4.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ16-40A-01G

DC solenoids for hydraulics valves

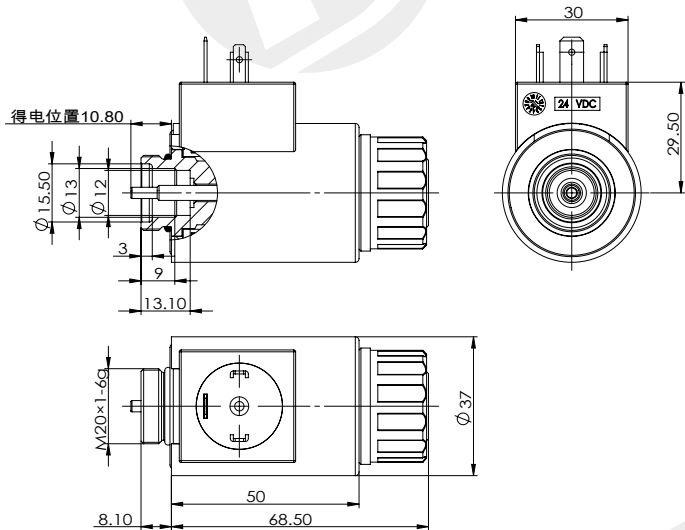
- Applicable to 4-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 19$

DC 24V
AC 220V

Other can be customized



Outline and connection dimensions

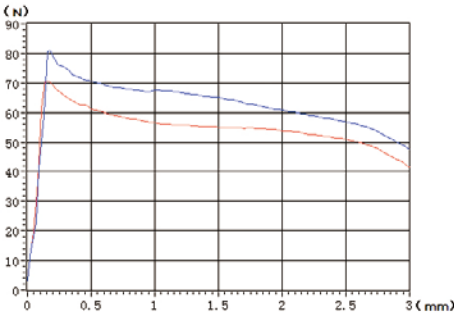


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	22
Rated stroke	mm	2
Full stroke	mm	≥ 4.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ16-40A-01D

DC solenoids for hydraulics valves

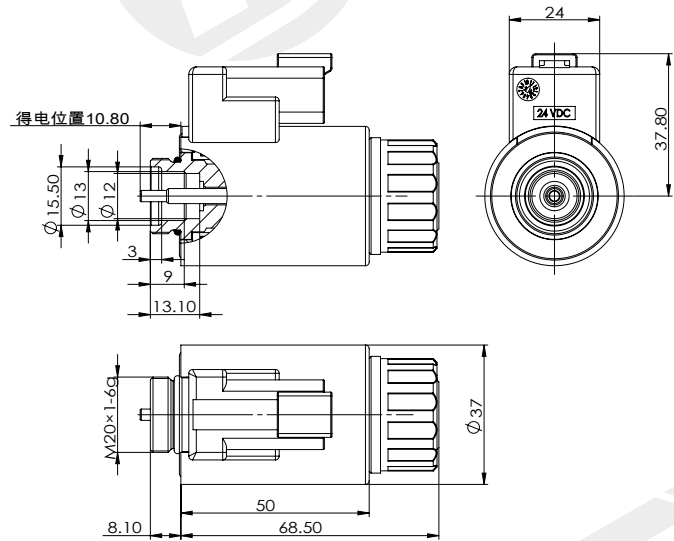
- Applicable to 4-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 19$

DC 12V
DC 24V

Other can be customized



Outline and connection dimensions

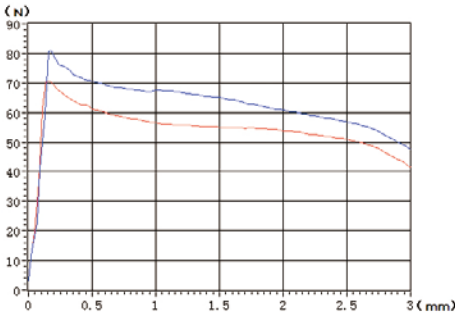


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	22
Rated stroke	mm	2
Full stroke	mm	≥ 4.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ16-60-01G

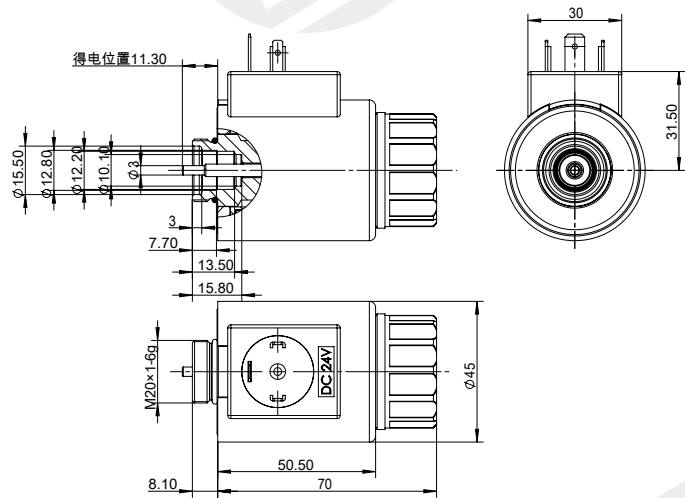
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

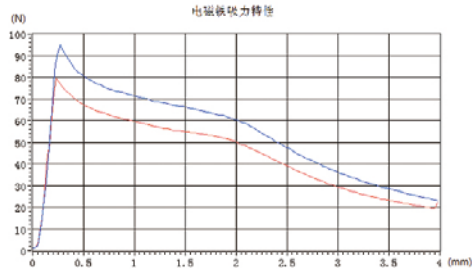


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	23
Rated stroke	mm	2.5
Full stroke	mm	≥ 5.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



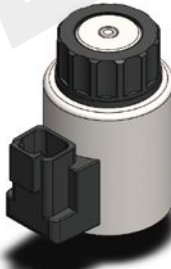
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ16-60-01D

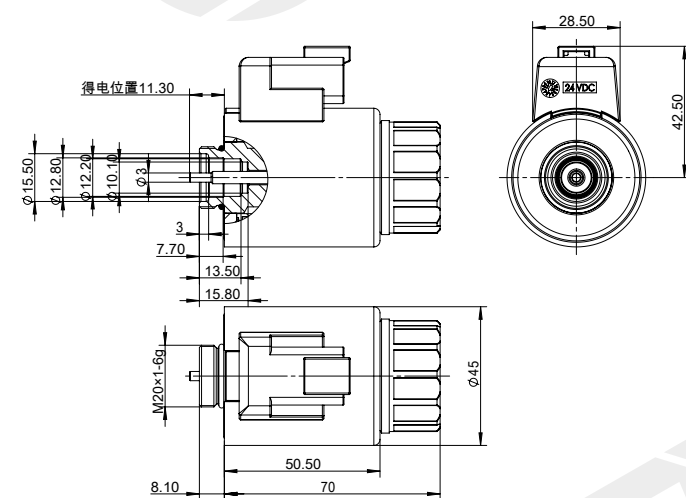
DC solenoids for hydraulics valves

- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 23$

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

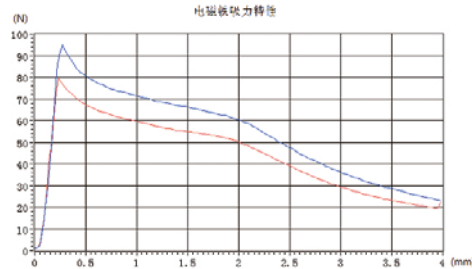


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	23
Rated stroke	mm	2.5
Full stroke	mm	≥ 5.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ16-90-01G

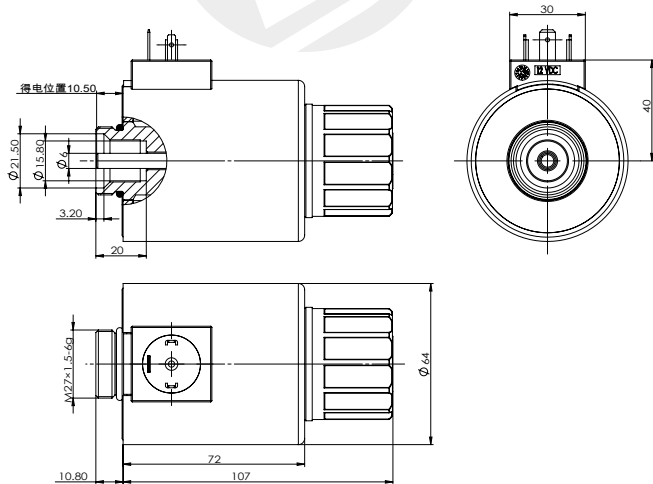
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 31$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

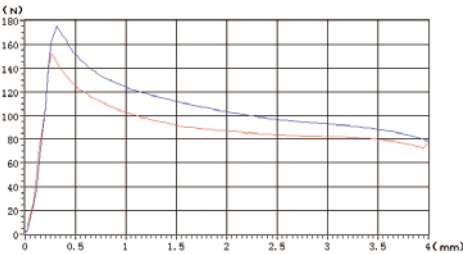


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	40
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ16-90-01D

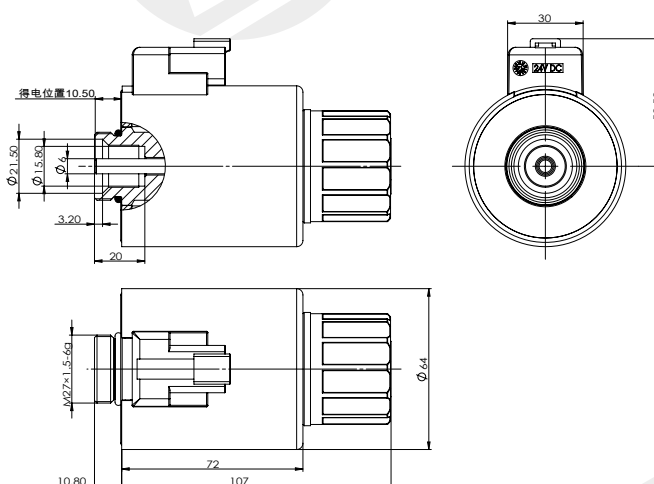
DC solenoids for hydraulics valves

- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 31$

DC 12V
DC 24V
Other can be customized



Outline and connection dimensions

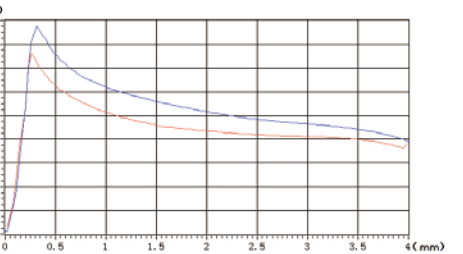


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	40
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ08-30-01G

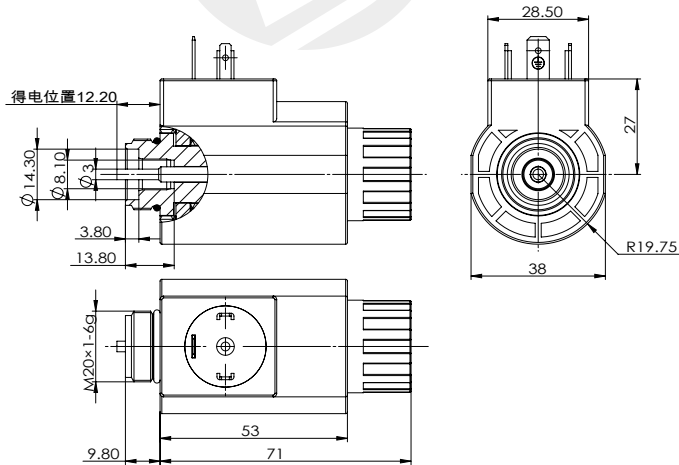
DC solenoids for hydraulics valves

- Applicable to 5-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 16$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

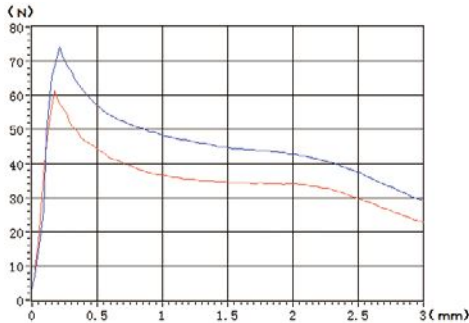


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	25
Rated stroke	mm	2.8
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



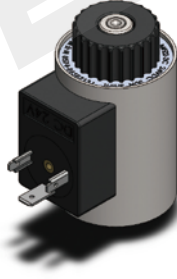
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ02-3C-01G

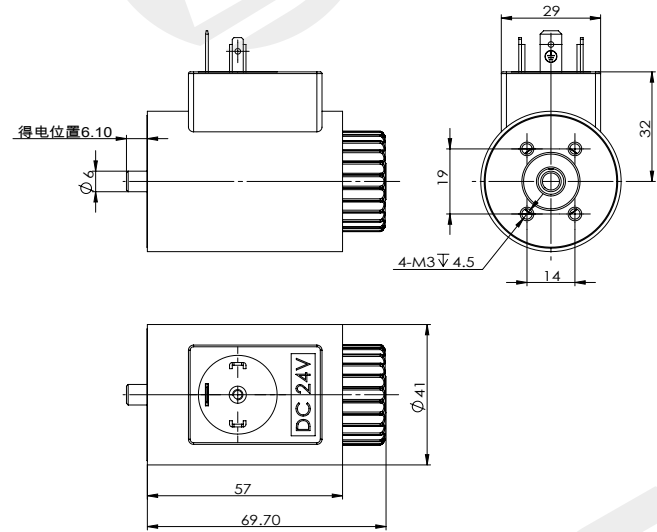
DC solenoids for hydraulics valves

- Applicable to electromagnetic ball valve
- Screw connection
- Equipped with manual emergency device

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

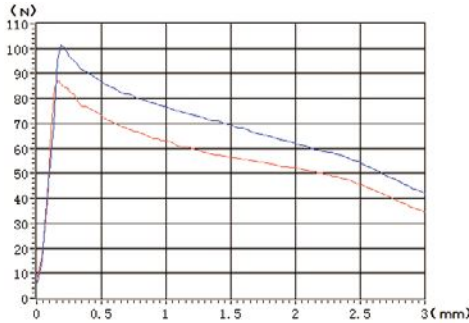


technical parameter		
Ambient temperature	°C	-10~40
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 3.5
Working oil pressure	Mpa	—
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		F(155)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ02-55-01G

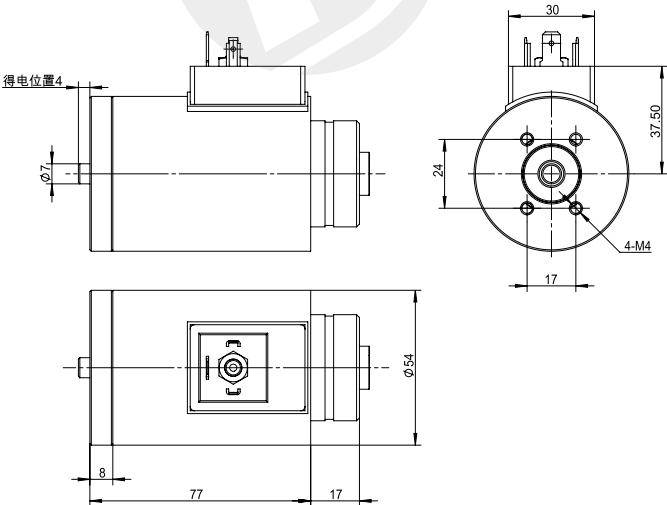
DC solenoids for hydraulics valves

- Applicable to electromagnetic ball valve
- Screw connection
- Equipped with manual emergency device

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

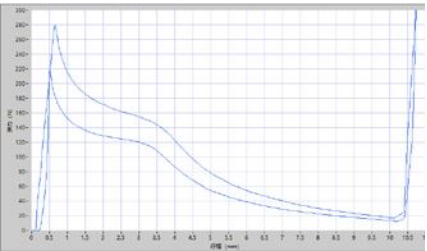


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 10
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



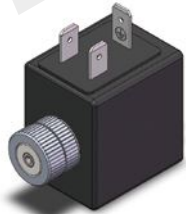
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ03-13-01G

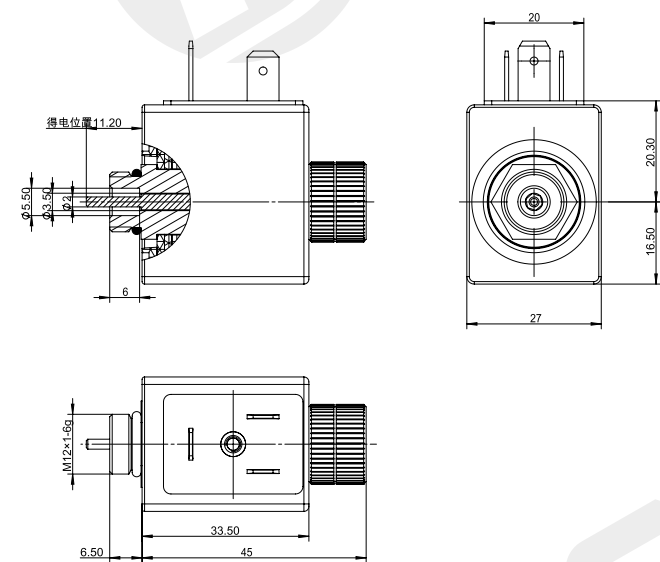
DC solenoids for hydraulics valves

- Applicable to hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole ϕ 13

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

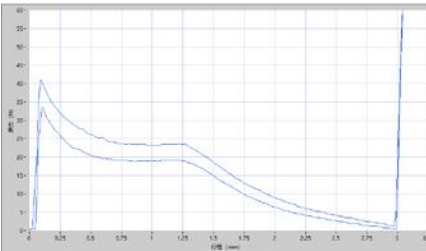


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	25
Rated stroke	mm	1.5
Full stroke	mm	≥ 3
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



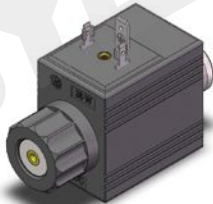
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYZ03-16-01G

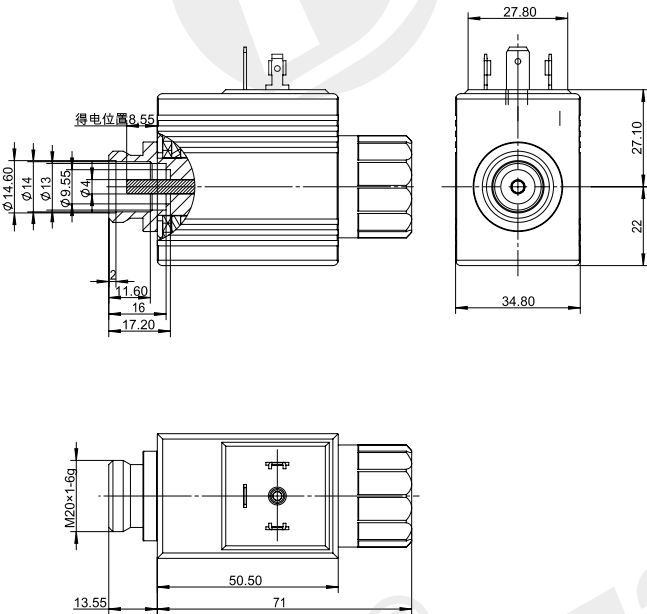
DC solenoids for hydraulics valves

- Applicable to hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 16$

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions

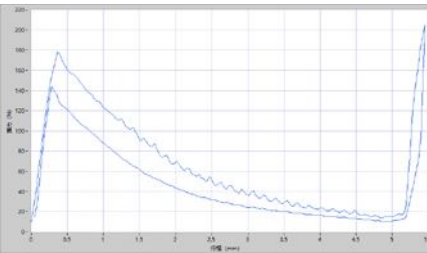


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	36
Rated stroke	mm	2.5
Full stroke	mm	≥ 5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve

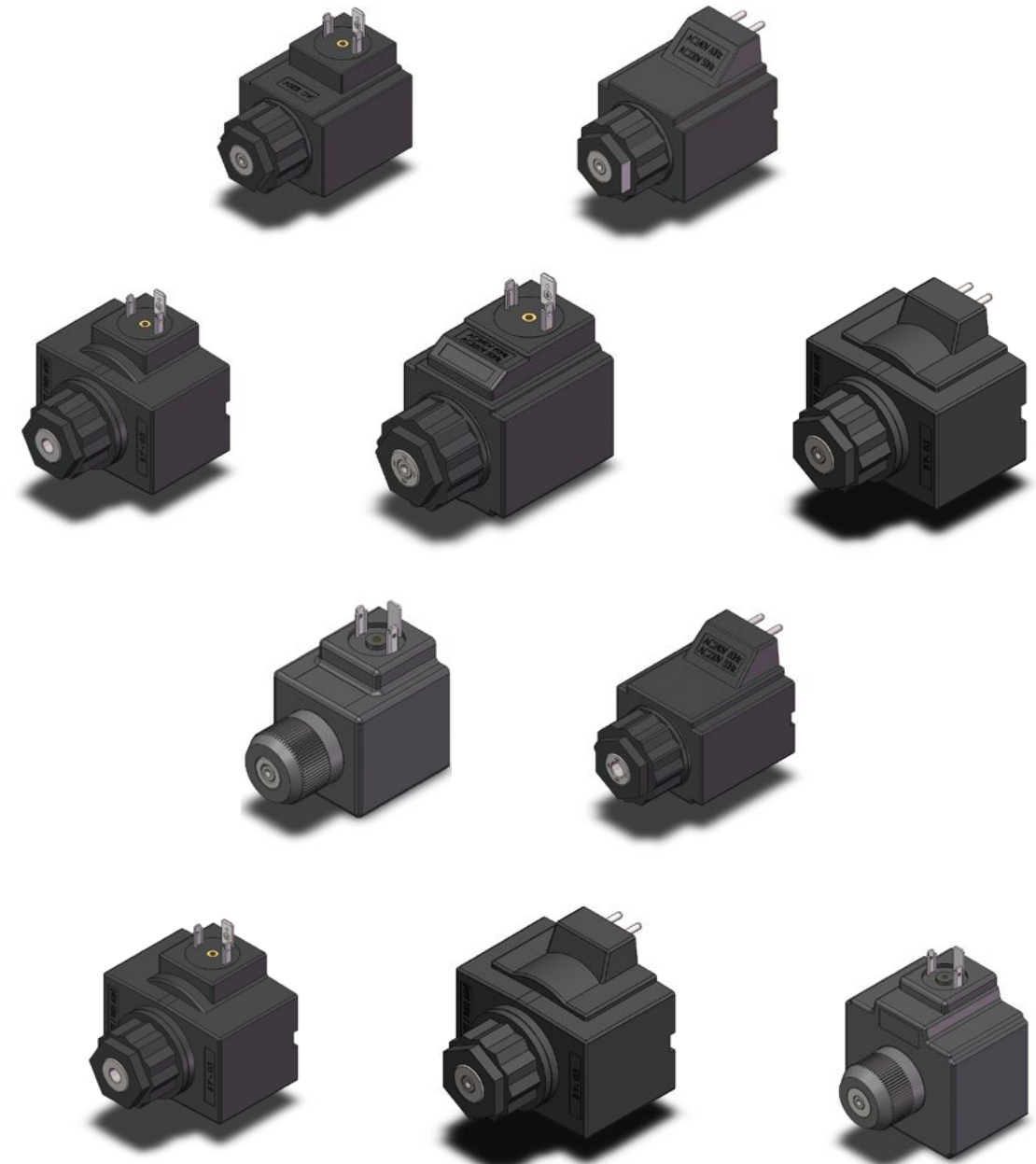


The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.



BYJ AC SOLENOIDS FOR HYDRAULICS VALVES

- Boye hydraulic, BYJ series AC wet valve electromagnet, as the key electromagnetic driving element of hydraulic solenoid valve, is widely used in automatic control system.
- The technical standard is designed and produced in strict accordance with jbt5244 / vde0580.
- It adopts high-quality magnetic conducting material with large output force to ensure the stable and reliable operation of the solenoid valve.
- A variety of standard connection modes are provided, and the enclosure protection grade is IP65, which can meet the environmental needs of different fields.
- It adopts high-quality H-class enamelled wire and insulating material, and fully plastic sealed coil structure, which is firm and durable, fast heat dissipation, and will not burn even if it is used for a long time.
- Working pressure of magnetic guide sleeve $\leq 21\text{MPa}$, limit pressure $\geq 31.5\text{Mpa}$, burst pressure $\geq 63\text{Mpa}$
- Mechanical life > 10 million times, pulse fatigue life > 2 million times
- If the standard products can not meet your needs, you can contact our company. If there are other special requirements, you can customize them. Welcome to consult.



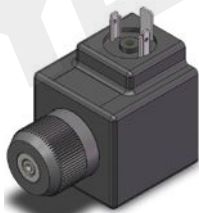
BYJ09-27-01G

AC solenoids for hydraulics valves

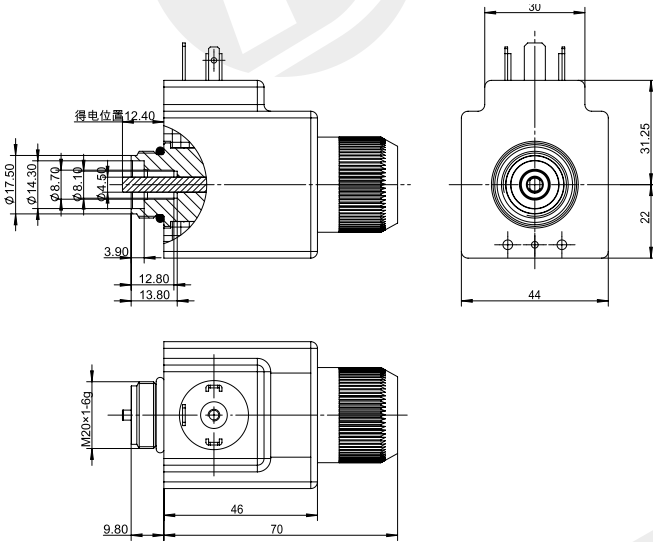
- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 22$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

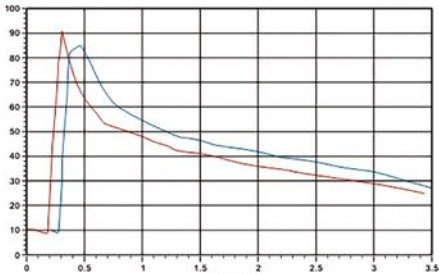


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.1
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

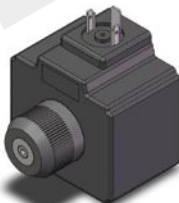
BYJ09-54-01G

AC solenoids for hydraulics valves

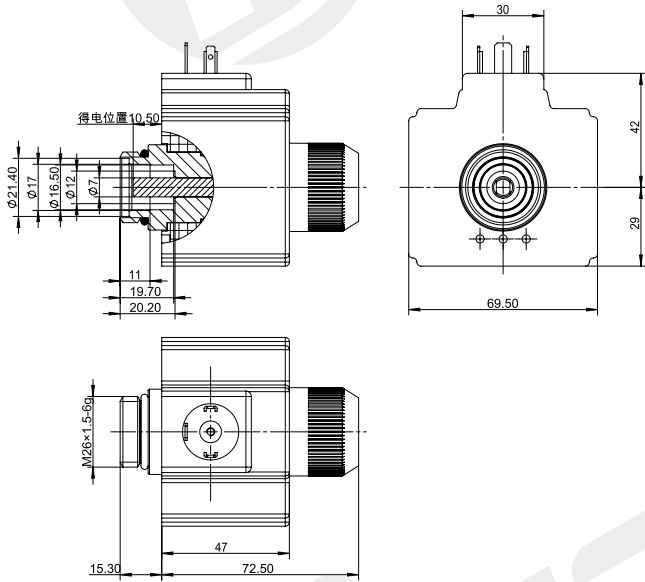
- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 26$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

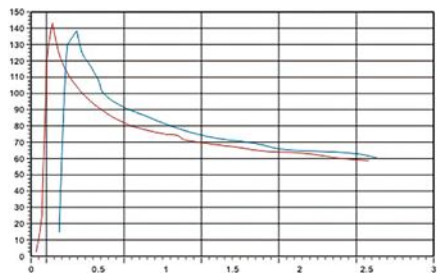


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	38
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYJ11-27-01G

AC solenoids for hydraulics valves

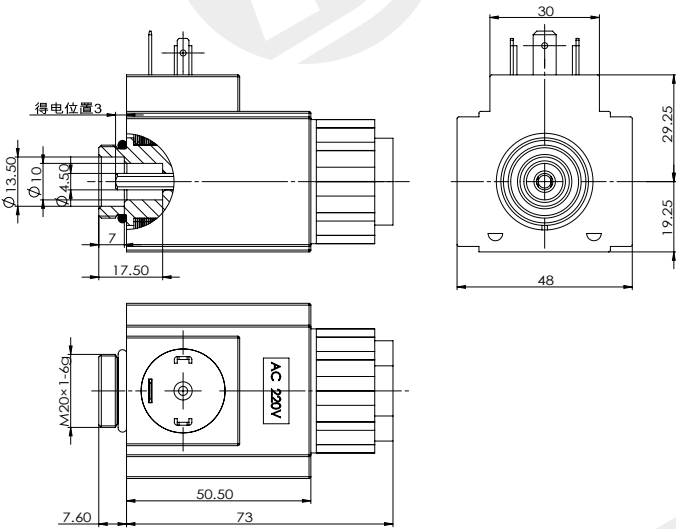
- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 20$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

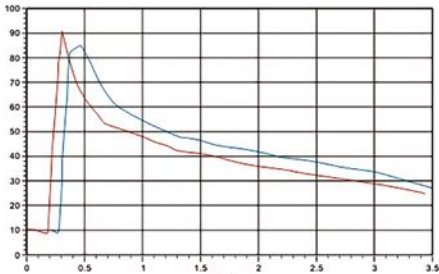


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYJ11-27-01A

AC solenoids for hydraulics valves

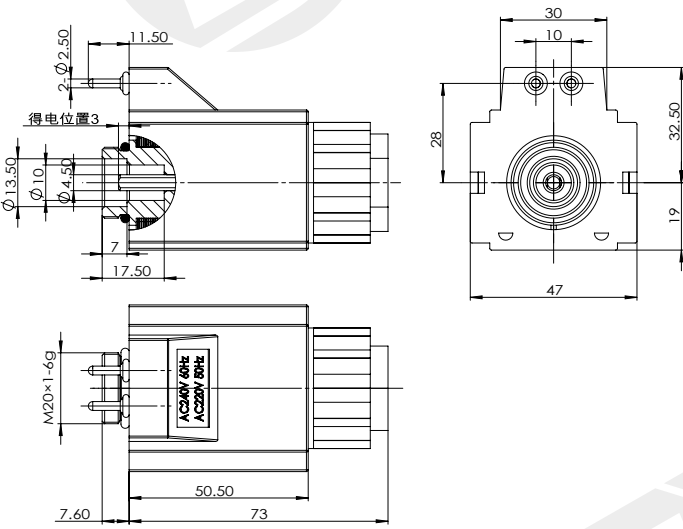
- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 20$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

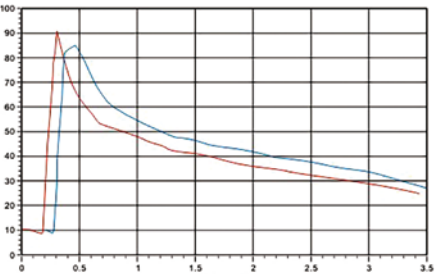


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		J/B

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYJ11-54-01G

AC solenoids for hydraulics valves

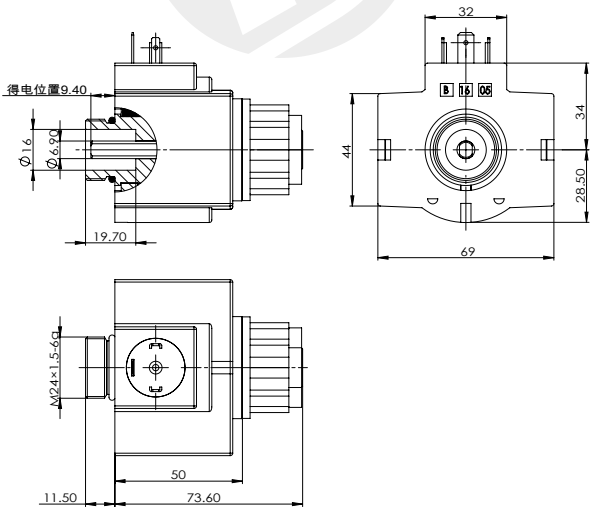
- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 26$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

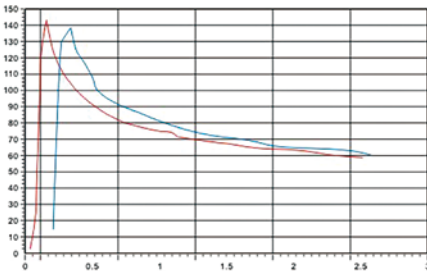


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	38
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYJ11-54-01A

AC solenoids for hydraulics valves

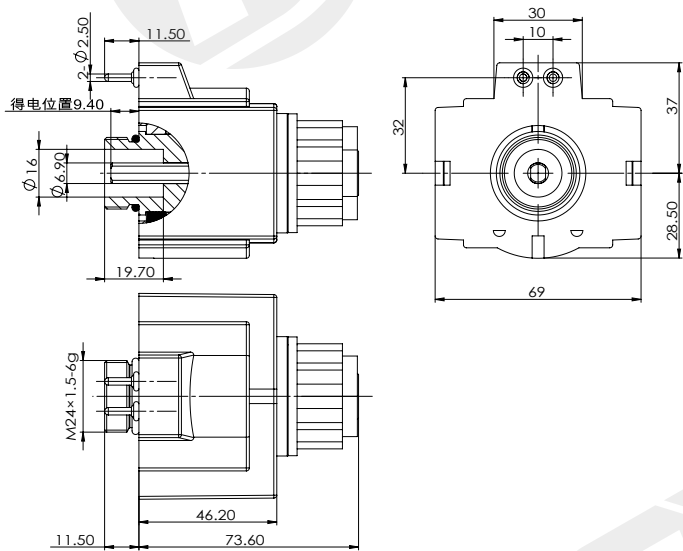
- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 26$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

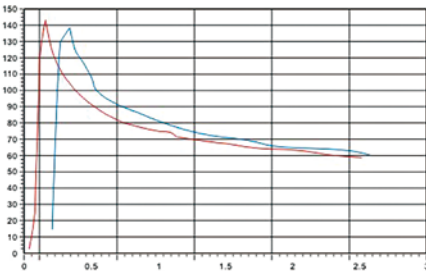


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	38
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		J/B

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYJ12-27-01G

AC solenoids for hydraulics valves

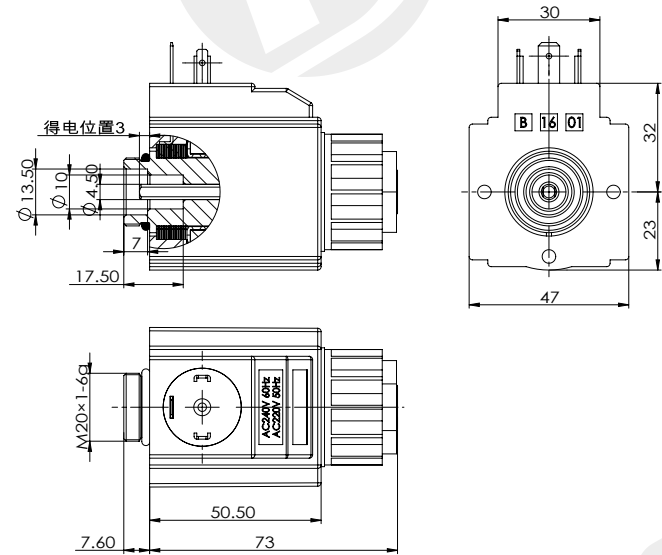
- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 20$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

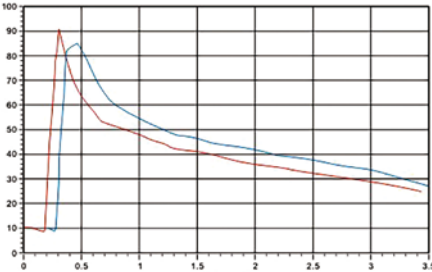


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYJ12-27-01A

AC solenoids for hydraulics valves

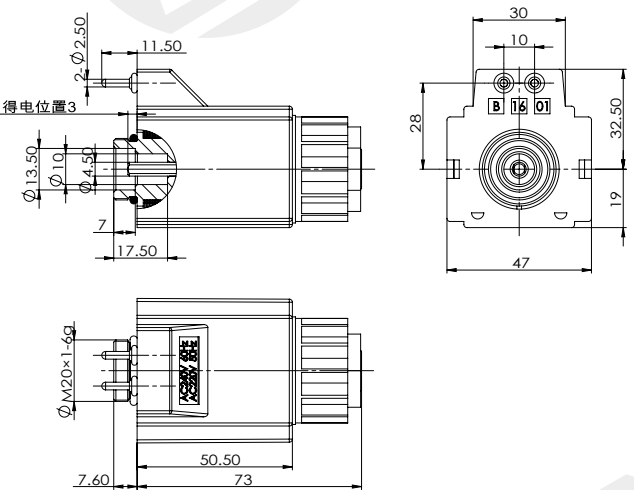
- Applicable to 6-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 20$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

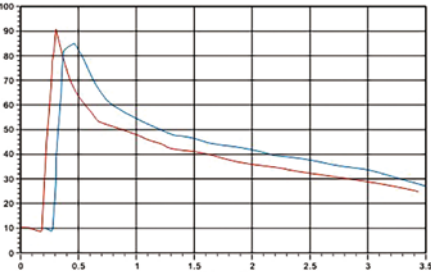


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	30
Rated stroke	mm	3
Full stroke	mm	≥ 6.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		J/B

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYJ12-54-01G

AC solenoids for hydraulics valves

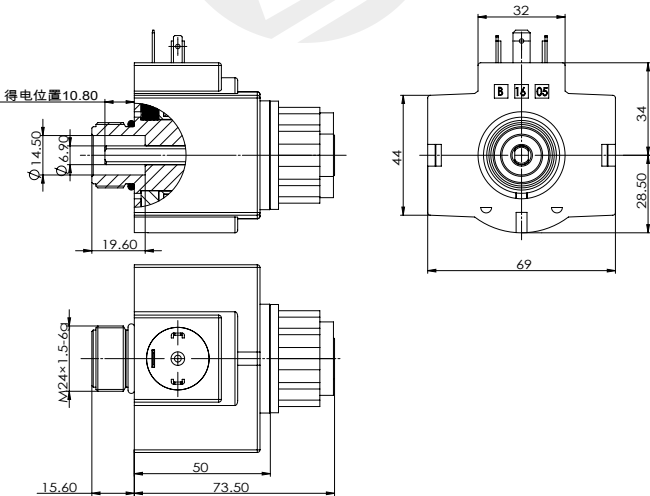
- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 26$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

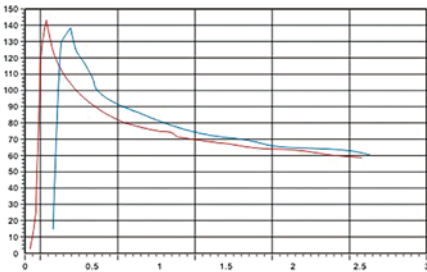


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	40
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYJ12-54-01A

AC solenoids for hydraulics valves

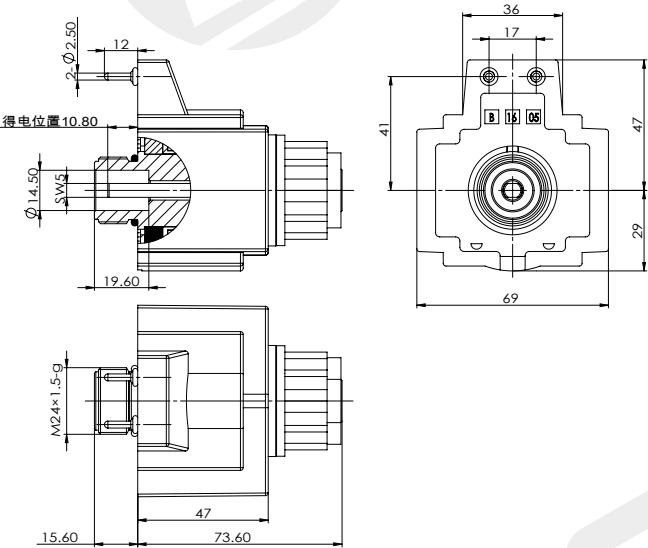
- Applicable to 10-way hydraulic solenoid directional valve
- With threaded connection, the coil can be replaced without shutdown
- Equipped with manual emergency device
- Coil inner hole $\phi 26$
- Encapsulated in BMC thermosetting plastic

AC 110V 50HZ
AC 220V 50HZ

Other can be customized



Outline and connection dimensions

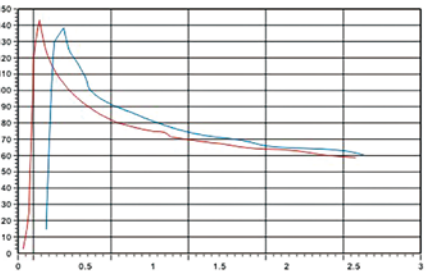


technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	40
Rated stroke	mm	4
Full stroke	mm	≥ 8.5
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		J/B

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG ELECTROMAGNET FOR PROPORTIONAL VALVE



- Boye hydraulic, byg proportional valve electromagnet, as the key electromagnetic driving element of proportional solenoid valve, combined with proportional control amplifier, is widely used in automatic control systems that need accurate control.
- The technical standard is designed and produced in strict accordance with jbt5244 / vde0580.
- High quality magnetic conducting material annealing treatment and low friction coefficient guide bearing are adopted to ensure small hysteresis and high repetition accuracy.
- A variety of standard connection modes are provided, and the enclosure protection grade is ip65-1p69k, which can meet the environmental needs of different fields.
- It adopts high-quality H-class enamelled wire and insulating material, and fully plastic sealed coil structure, which is firm and durable, fast heat dissipation, and will not burn even if it is used for a long time.
- Working pressure of magnetic guide sleeve $\leq 21\text{MPa}$, limit pressure $\geq 31.5\text{Mpa}$, burst pressure $\geq 63\text{Mpa}$
- Mechanical life > 2 million times, pulse fatigue life > 2 million times
- If the standard products can not meet your needs, you can contact our company. If there are other special requirements, you can customize them. Welcome to consult.



BYG02-33-01T

Electromagnet for proportional valve

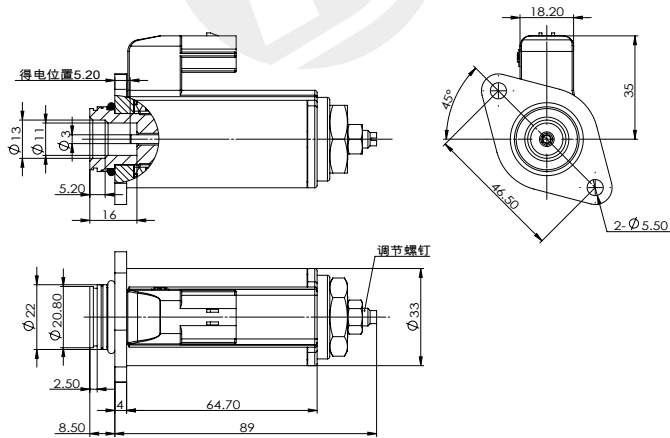
- For screw cartridge proportional solenoid valves
- 2-screw connection
- Equipped with manual adjustment device

0.7A 17.5Ω

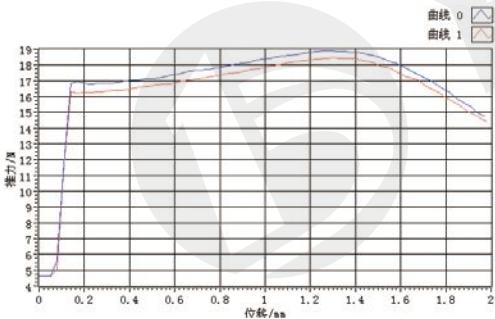
Other can be customized



Outline and connection dimensions



F-S characteristic curve



technical parameter		
Ambient temperature	°C	-25~40
Rated current	A	0.7
Maximum current	A	0.8
Rated resistance	Ω	17.5
Rated stroke	mm	1.5
Full stroke	mm	2.5
Rated thrust	N	18
Force hysteresis	%	≤ 3
Current hysteresis	%	≤ 3
Repetition accuracy	%	≤ 1
Working oil pressure	MPa	≤ 8.8
Degree of protection		IP67
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		customized

matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG03-32-01L

Electromagnet for proportional valve

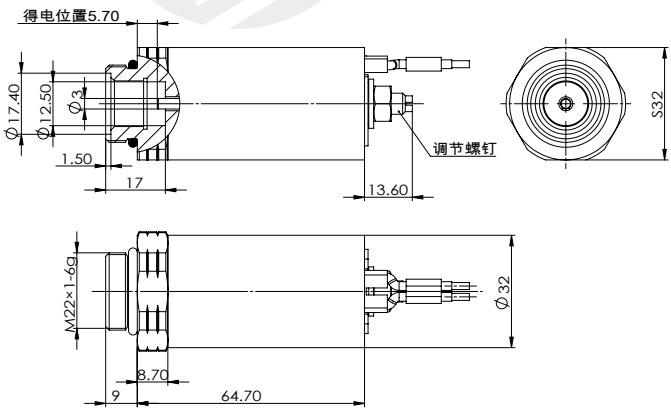
- For threaded cartridge proportional solenoid valves
- Threaded connections are equipped with manual adjustment devices

0.7A 17.5Ω

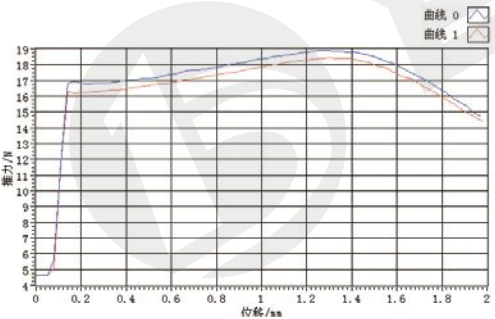
Other can be customized



Outline and connection dimensions



F-S characteristic curve



technical parameter		
Ambient temperature	°C	-25~50
Rated current	A	0.7
Maximum current	A	0.8
Rated resistance	Ω	17.5
Rated stroke	mm	1.5
Full stroke	mm	2.5
Rated thrust	N	18
Force hysteresis	%	≤ 3
Current hysteresis	%	≤ 3
Repetition accuracy	%	≤ 1
Working oil pressure	MPa	≤ 8.8
Degree of protection		IP67
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		Wire-led

matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG04-21-01D

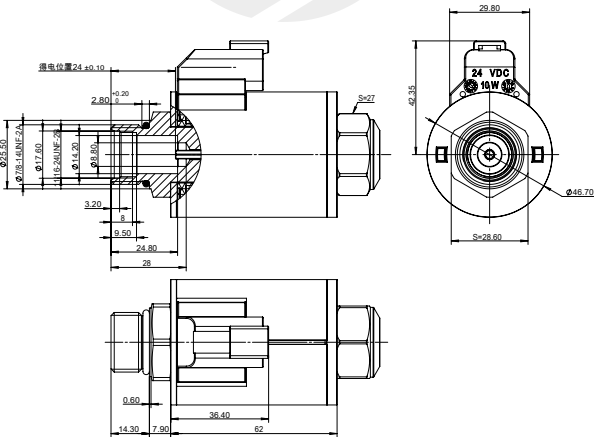
Electromagnet for proportional valve

- Applicable to PV70 series proportional cartridge solenoid valve
- Threaded connection, coil can be replaced without stopping
- Coil inner hole ϕ 21.5, full plastic sealing process

DC12V 1.5A
DC24V 0.75A
Other can be customized

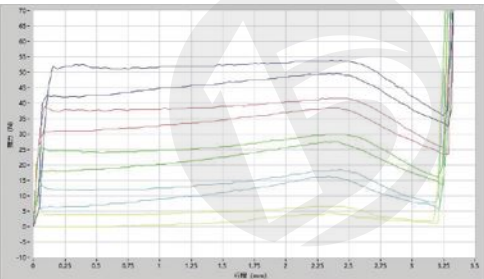


Outline and connection dimensions



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.5	0.75
Maximum current	A	1.6	0.8
Rated resistance	Ω	4.5	18
Rated stroke	mm	2.5	
Full stroke	mm	3.2	
Rated thrust	N	50	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP67	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DT04-2P	

F-S characteristic curve



matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG04-21-01MD

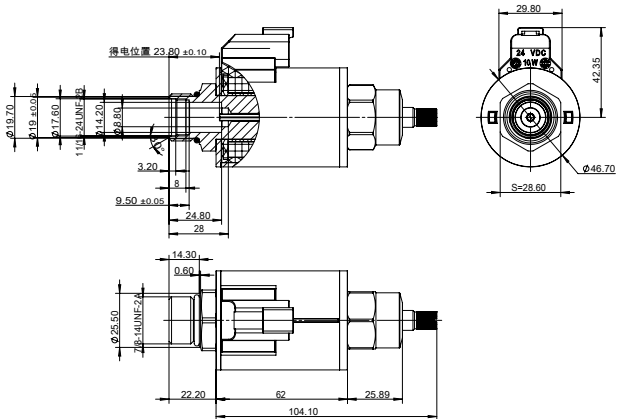
Electromagnet for proportional valve

- Applicable to PV70 series proportional cartridge solenoid valve
- Threaded connection, coil can be replaced without stopping
- Equipped with manual emergency device
- Coil inner hole ϕ 21.5, full plastic sealing process

DC12V 1.5A
DC24V 0.75A
Other can be customized

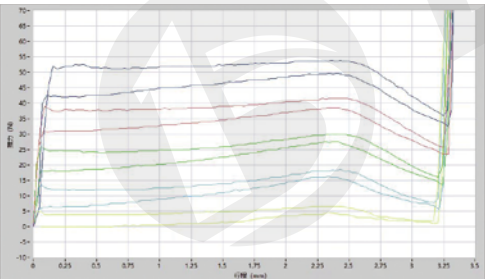


Outline and connection dimensions



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.5	0.75
Maximum current	A	1.6	0.8
Rated resistance	Ω	4.5	18
Rated stroke	mm	2.5	
Full stroke	mm	3.2	
Rated thrust	N	50	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP67	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DT04-2P	

F-S characteristic curve



matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG06-37-01MG

Electromagnet for proportional valve

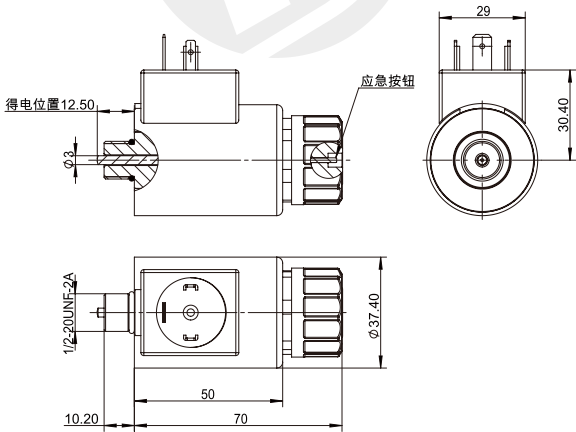
- Applicable to 5-way hydraulic proportional solenoid valve
- Threaded connection, coil can be replaced without stopping
- Equipped with manual emergency device
- Equipped with manual adjustment device (built-in spring)
- Coil inner hole ϕ 19. All-plastic sealing process

DC12V 1.2A
DC24V 0.6A

Other can be customized

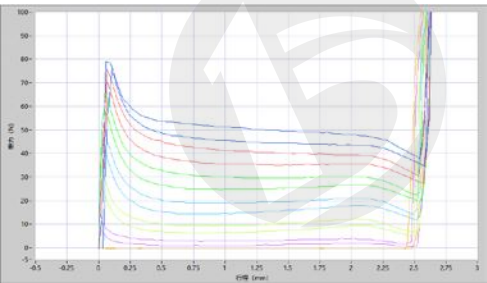


Outline and connection dimensions



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.2	0.6
Maximum current	A	1.32	0.68
Rated resistance	Ω	6.6	27
Rated stroke	mm	2	
Full stroke	mm	2.5	
Rated thrust	N	45	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP65	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DIN43650	

F-S characteristic curve



matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG06-37-01MD

Electromagnet for proportional valve

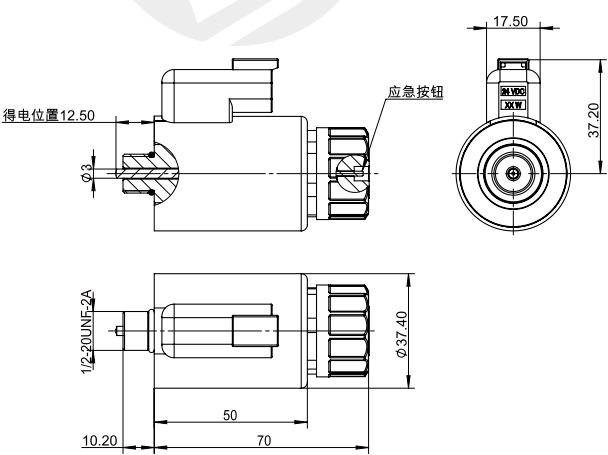
- Applicable to 5-way hydraulic proportional solenoid valve
- Threaded connection, coil can be replaced without stopping
- Equipped with manual emergency device
- Equipped with manual adjustment device (built-in spring)
- Coil inner hole ϕ 19. All-plastic sealing process

DC12V 1.2A
DC24V 0.6A

Other can be customized

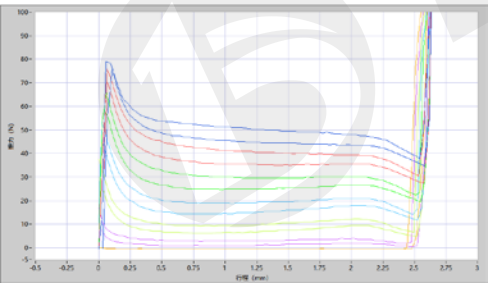


Outline and connection dimensions



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.2	0.6
Maximum current	A	1.32	0.68
Rated resistance	Ω	6.6	27
Rated stroke	mm	2	
Full stroke	mm	2.5	
Rated thrust	N	45	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP67	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DT04-2P	

F-S characteristic curve



matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG06-45-01MG

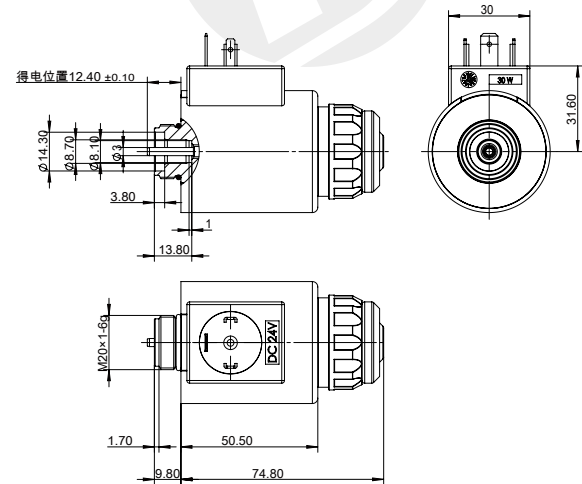
Electromagnet for proportional valve

- Applicable to 6-way electro-hydraulic proportional directional valve
- Equipped with manual adjustment device
- Dust and waterproof design
- Coil inner hole ϕ 23. All-plastic sealing process

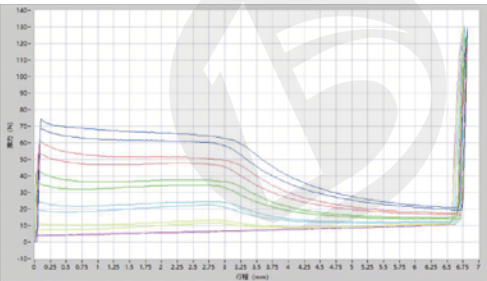
DC12V 1.5A
DC24V 0.75A
Other can be customized



Outline and connection dimensions



F-S characteristic curve



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.5	0.75
Maximum current	A	1.6	0.8
Rated resistance	Ω	5	20
Rated stroke	mm	3	
Full stroke	mm	6.8	
Rated thrust	N	60	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP65	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DIN43650	

matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG06-45-01MD

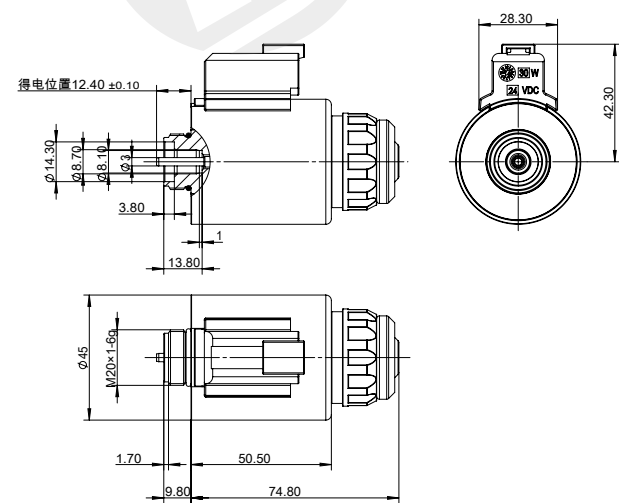
Electromagnet for proportional valve

- Applicable to 6-way hydraulic proportional solenoid valve
- Threaded connection, coil can be replaced without stopping
- Equipped with manual emergency device
- Equipped with manual adjustment device (built-in spring)
- Coil inner hole ϕ 23. All-plastic sealing process

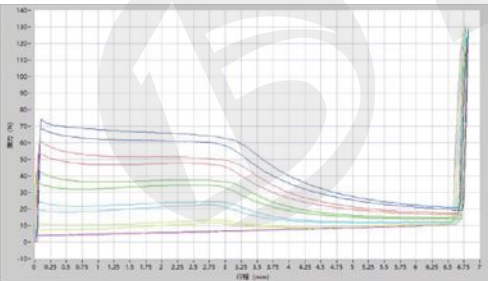
DC12V 1.5A
DC24V 0.75A
Other can be customized



Outline and connection dimensions



F-S characteristic curve



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.5	0.75
Maximum current	A	1.6	0.8
Rated resistance	Ω	5	20
Rated stroke	mm	3	
Full stroke	mm	6.8	
Rated thrust	N	60	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP67	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DT04-2P	

matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG07-37-02G

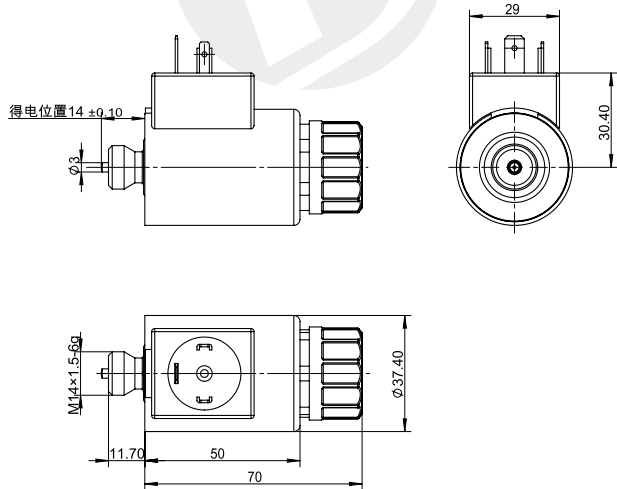
Electromagnet for proportional valve

- Applicable to 5-way electro-hydraulic proportional directional valve
- Equipped with manual adjustment device
- Coil inner hole ϕ 19. All-plastic sealing process

DC12V 1.2A
DC24V 0.6A
Other can be customized

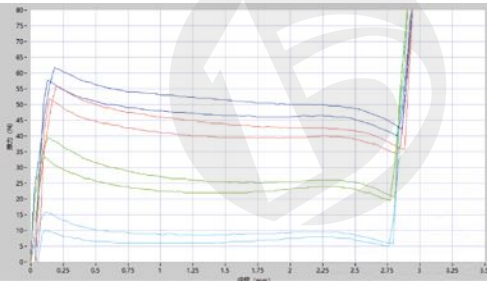


Outline and connection dimensions



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.2	0.6
Maximum current	A	1.36	0.68
Rated resistance	Ω	5.75	23
Rated stroke	mm	2.4	
Full stroke	mm	2.7	
Rated thrust	N	40	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP65	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DIN43650	

F-S characteristic curve



matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG07-37-02D

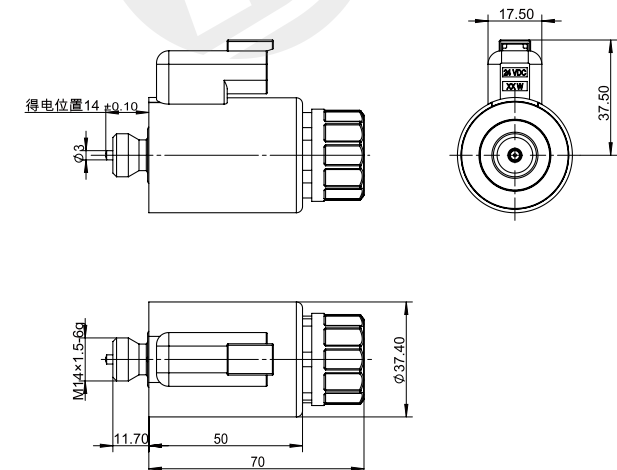
Electromagnet for proportional valve

- Applicable to 5-way electro-hydraulic proportional directional valve
- Equipped with manual adjustment device
- Coil inner hole ϕ 19. All-plastic sealing process

DC12V 1.2A
DC24V 0.6A
Other can be customized

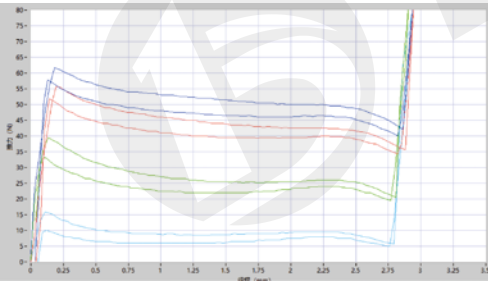


Outline and connection dimensions



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.2	0.6
Maximum current	A	1.36	0.68
Rated resistance	Ω	5.75	23
Rated stroke	mm	2.4	
Full stroke	mm	2.7	
Rated thrust	N	40	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP67	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DT04-2P	

F-S characteristic curve



matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYG08-33-01MD

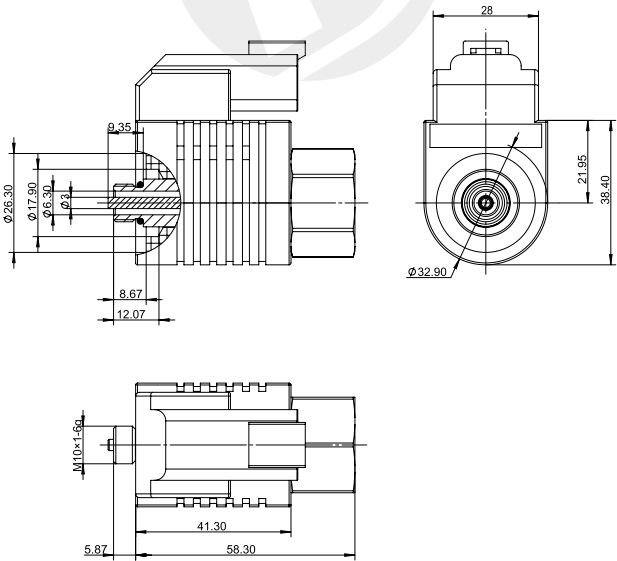
Electromagnet for proportional valve

- Suitable for electro-hydraulic proportional threaded cartridge valves
- Equipped with manual adjustment device
- Coil inner hole $\phi 13$, full plastic sealing process

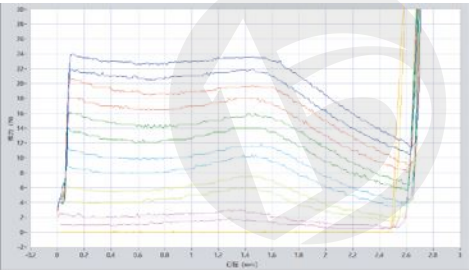
DC12V 1.2A
DC24V 0.6A
Other can be customized



Outline and connection dimensions



F-S characteristic curve



technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.2	0.6
Maximum current	A	1.36	0.68
Rated resistance	Ω	8.5	34
Rated stroke	mm	1.5	
Full stroke	mm	2.5	
Rated thrust	N	22	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP67	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DT04-2P	

matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.



BYM SOLENOID FOR THREADED CARTRIDGE VALVE

- Boye Hydraulic, BYM cartridge valve electromagnet, as the key electromagnetic drive component of hydraulic solenoid valve, is widely used in automation control systems in industry, engineering, agriculture, medical, machinery and other fields.
- The technical standard is designed and produced in strict accordance with jbt5244 / vde0580.
- High quality magnetic conducting material annealing treatment and low friction coefficient guide bearing are adopted to ensure small hysteresis and high repetition accuracy.
- A variety of standard connection modes are provided, and the enclosure protection grade is ip65-1p69k, which can meet the environmental needs of different fields.
- It adopts high-quality H-class enamelled wire and insulating material, and fully plastic sealed coil structure, which is firm and durable, fast heat dissipation, and will not burn even if it is used for a long time.
- Working pressure of magnetic guide sleeve $\leq 21\text{MPa}$, limit pressure $\geq 31.5\text{Mpa}$, burst pressure $\geq 63\text{Mpa}$
- Mechanical life > 2 million times, pulse fatigue life > 2 million times
- If the standard products can not meet your needs, you can contact our company. If there are other special requirements, you can customize them. Welcome to consult.

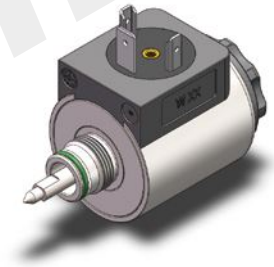
BYM01-18-01G

Solenoid for threaded cartridge valve

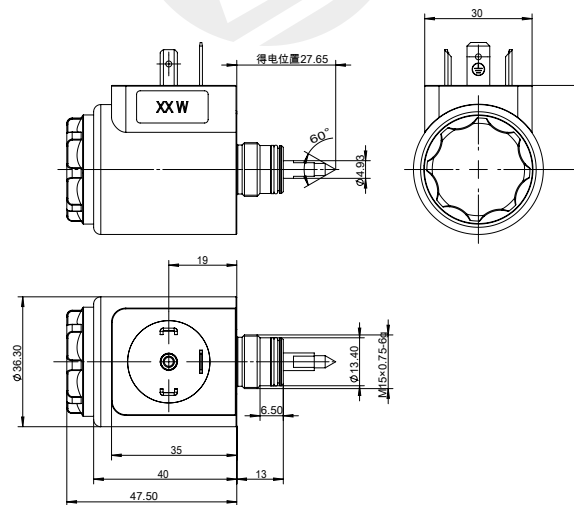
- Applicable to 4-way solenoid hydraulic pressure reducing valve
- Dustproof and waterproof design
- Coil inner hole $\phi 18$. All-plastic sealing process

DC 24V
AC 220V

Other can be customized



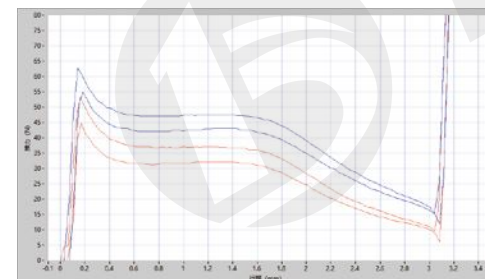
Outline and connection dimensions



technical parameter

Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	16
Rated stroke	mm	1.5
Full stroke	mm	≥ 3
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

F-S characteristic curve



matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

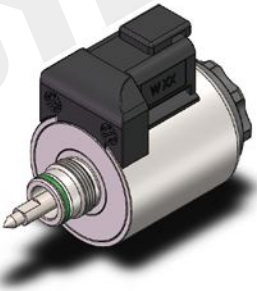
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYM01-18-01D

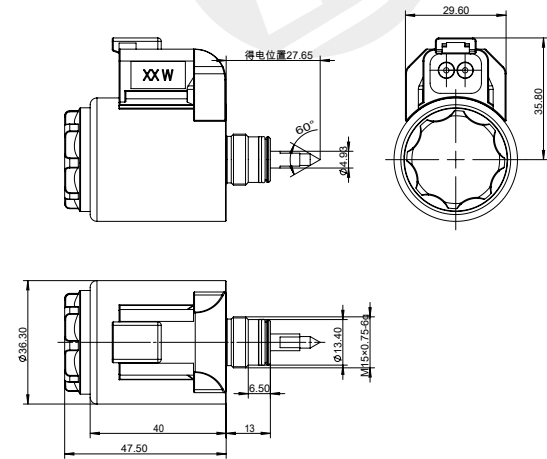
Solenoid for threaded cartridge valve

- Applicable to 6-way hydraulic proportional solenoid valve
- Threaded connection, coil can be replaced without stopping
- Equipped with manual emergency device
- Equipped with manual adjustment device (built-in spring)
- Coil inner hole ϕ 23. All-plastic sealing process

DC 12V
DC 24V
Other can be customized

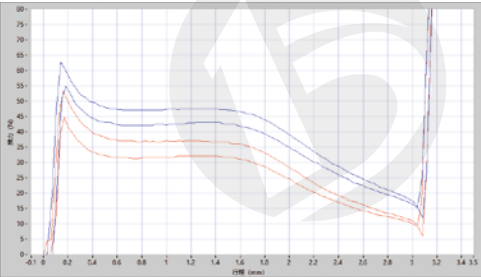


Outline and connection dimensions



technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	16
Rated stroke	mm	1.5
Full stroke	mm	≥ 3
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

F-S characteristic curve



matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

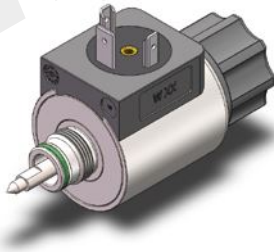
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYM01-18-01MG

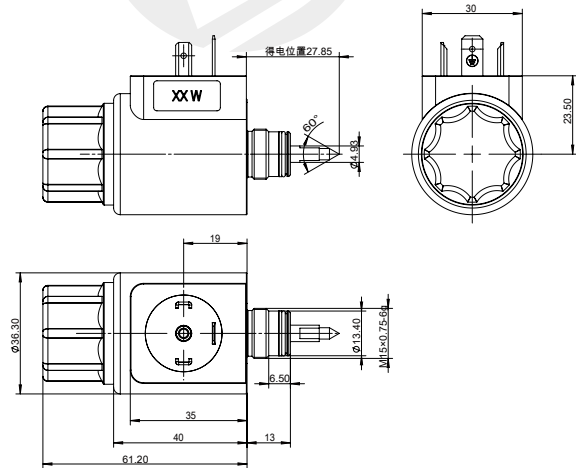
Solenoid for threaded cartridge valve

- Applicable to 4-way solenoid hydraulic pressure reducing valve
- Equipped with manual adjustment device
- Coil inner hole ϕ 18. All-plastic sealing process

DC 24V
AC 220V
Other can be customized

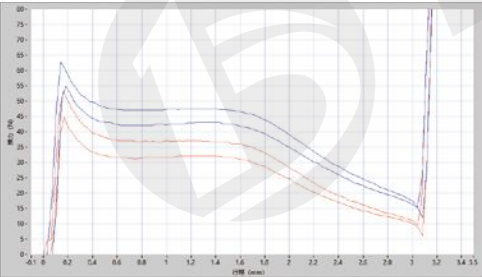


Outline and connection dimensions



technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	16
Rated stroke	mm	1.5
Full stroke	mm	≥ 3
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

F-S characteristic curve



matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

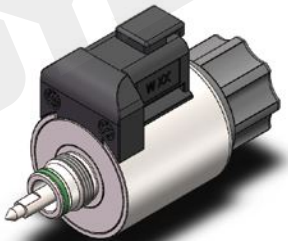
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYM01-18-01MD

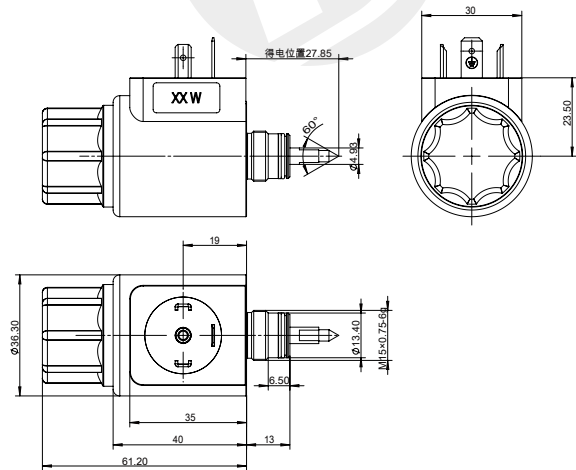
Solenoid for threaded cartridge valve

- Applicable to 4-way solenoid hydraulic pressure reducing valve
- Equipped with manual adjustment device
- Dustproof and waterproof design
- Coil inner hole ϕ 18. All-plastic sealing process

DC 12V
DC 24V
Other can be customized

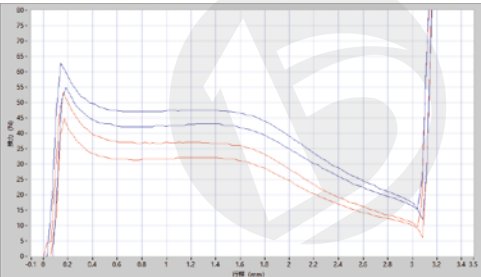


Outline and connection dimensions



technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	16
Rated stroke	mm	1.5
Full stroke	mm	≥ 3
Working oil pressure	Mpa	≤ 21
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DT04-2P

F-S characteristic curve



matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

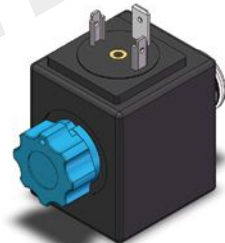
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYM08-13-01G

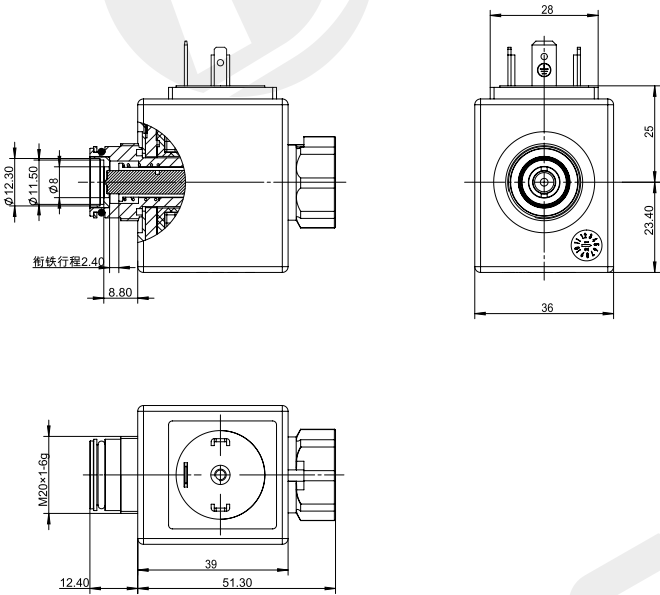
Solenoid for threaded cartridge valve

- Applicable to EP-08 solenoid pressure reducing valve
- Equipped with manual adjustment device
- Coil inner hole ϕ 13. All-plastic sealing process

DC 24V
AC 220V
Other can be customized



Outline and connection dimensions



technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	26
Rated stroke	mm	1.5
Full stroke	mm	≥ 3
Working oil pressure	Mpa	≤ 21
Degree of protection		IP65
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		DIN43650

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYC COIL FOR CARTRIDGE VALVE

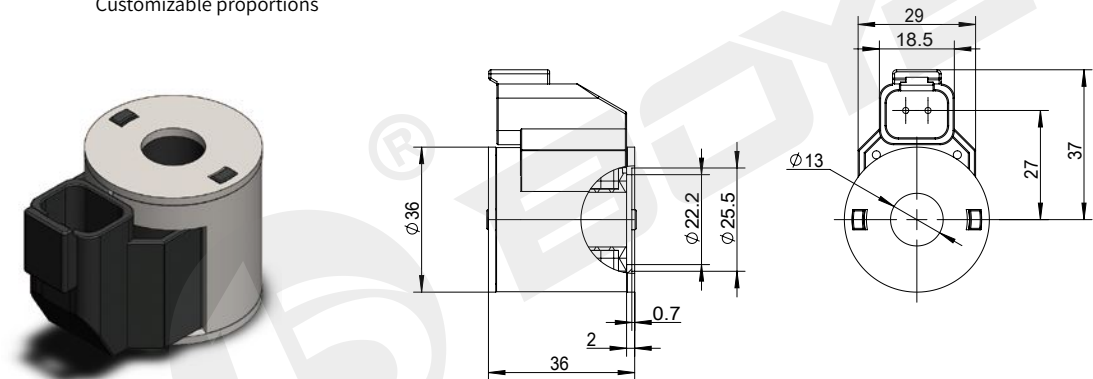
- Boye hydraulic coil for BYC series cartridge valve, belongs to the key electromagnetic driving element of electromagnetic cartridge valve, which is widely used in industry, engineering, agriculture, metallurgy, shipbuilding, military machinery and other fields,
- The product design conforms to jbt5244 / vde0580 standard.
- High quality magnetic conductive materials are adopted to ensure the stable and reliable output force of electromagnet.
- A variety of standard connection modes are provided, and the enclosure protection grade is ip65-ip69k, which can meet the environmental needs of different fields.
- It adopts high-quality H-class enamelled wire and insulating material, and fully plastic sealed coil structure, which is firm and durable, fast heat dissipation, and will not burn even if it is used for a long time.
- Surface treatment: blue white zinc.
- If the standard coil can not meet your needs, please contact Boye hydraulic, which can be customized according to your needs. Welcome to consult.



Coil for cartridge valve

BYC01-13-01D

Customizable proportions



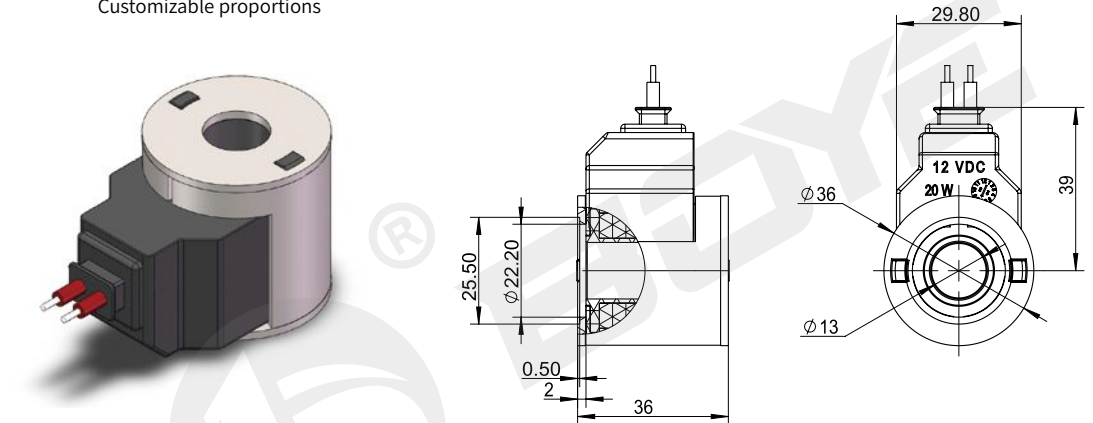
DC 12V
DC 24V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16/20	Insulation class		H (180)

BYC01-13-01L

Customizable proportions



DC 24V
AC 220V

Other can be customized

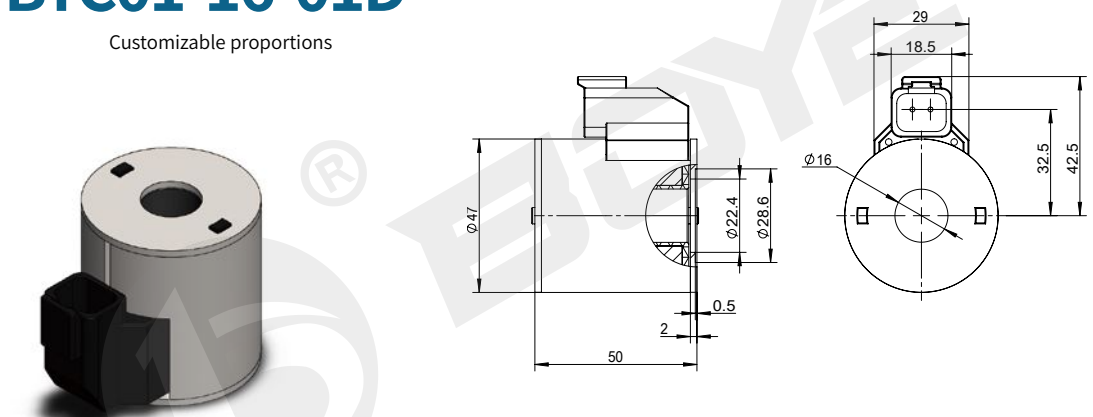
technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16/20	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC01-16-01D

Customizable proportions



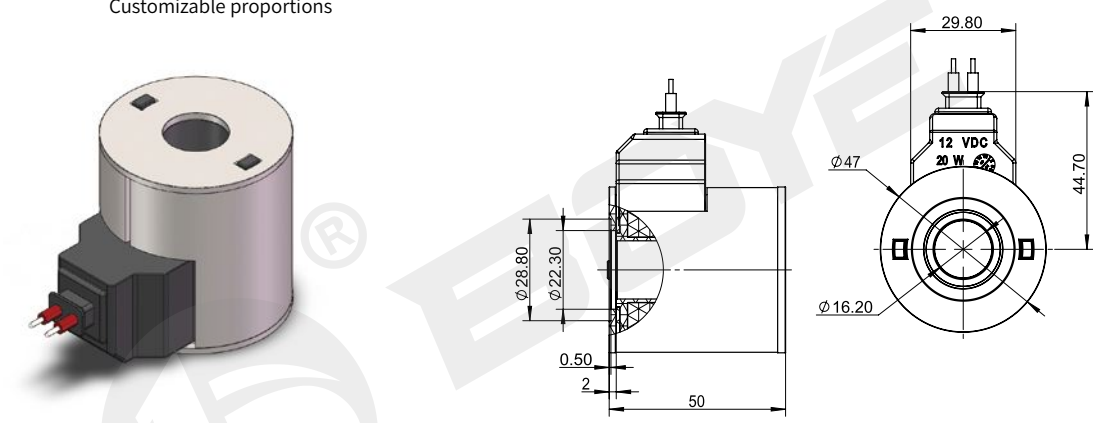
DC 12V
DC 24V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20/28	Insulation class		H (180)

BYC01-16-01L

Customizable proportions



DC 24V
AC 220V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20/28	Insulation class		H (180)

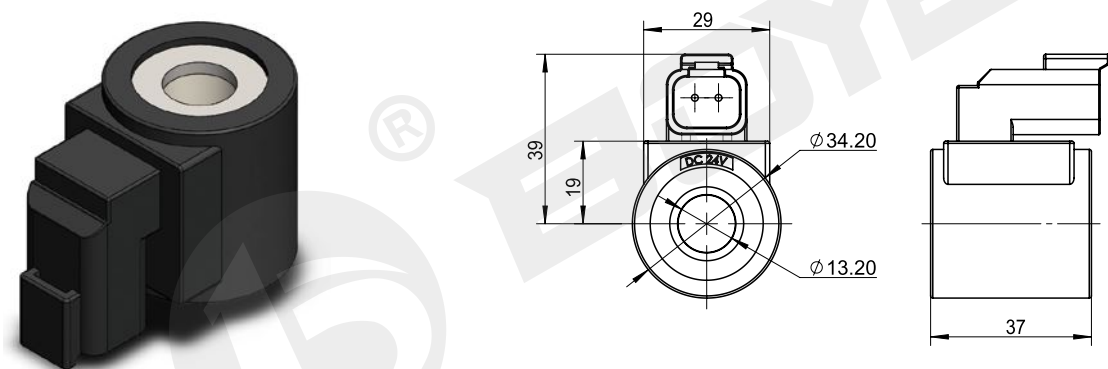
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC02-13-01D

DC 12V
DC 24V

Other can be customized

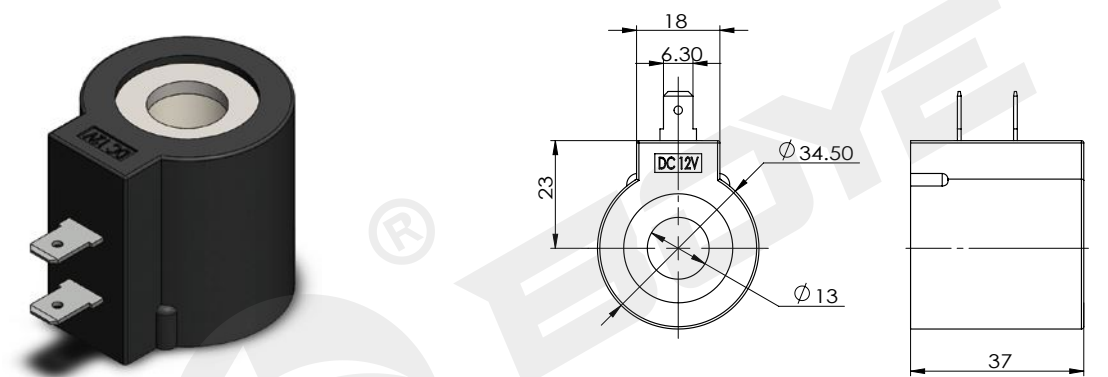


technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16/20	Insulation class		H (180)

BYC02-13-02S

DC 12V
DC 24V

Other can be customized



technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16/20	Insulation class		H (180)

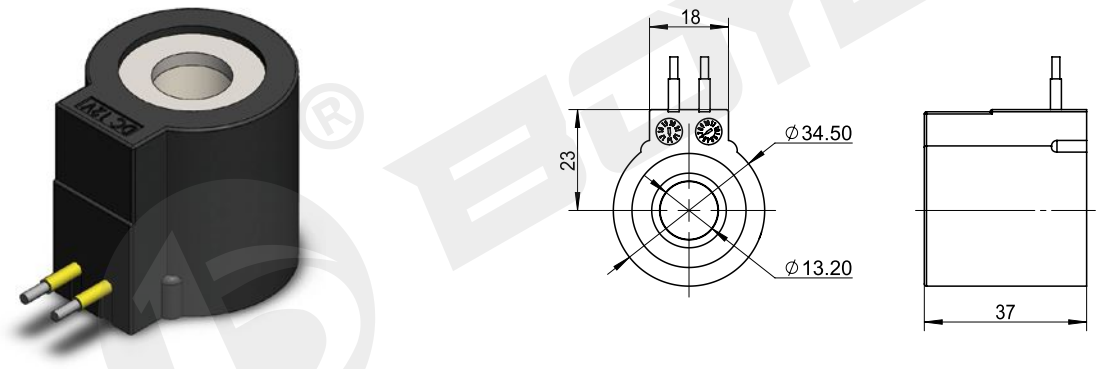
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC02-13-02L

DC 24V
AC 220V

Other can be customized

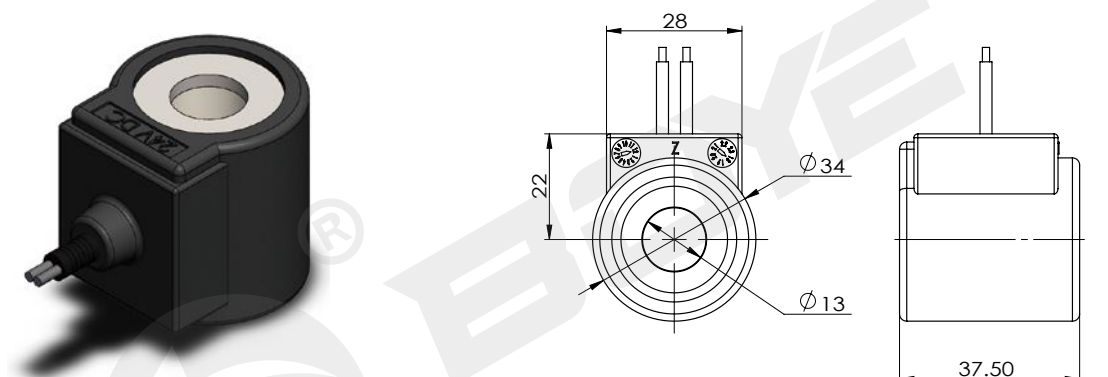


technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16/20	Insulation class		H (180)

BYC02-13-03H

DC 24V
AC 220V

Other can be customized



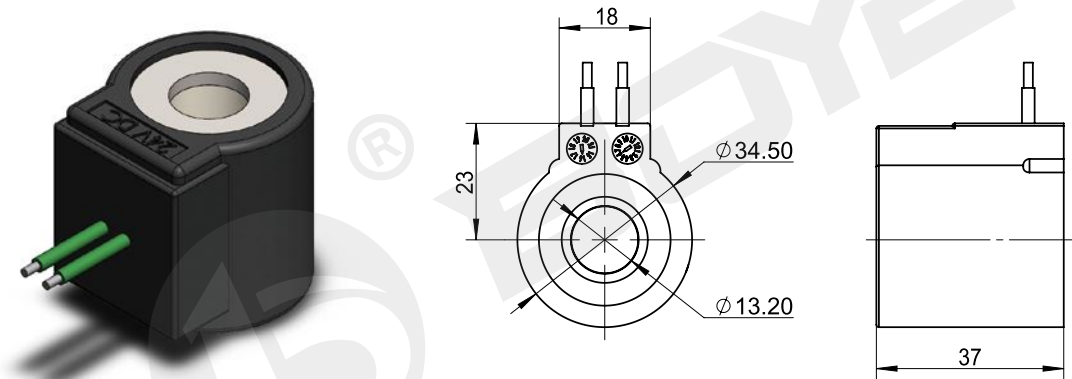
technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	15	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC02-13-03L

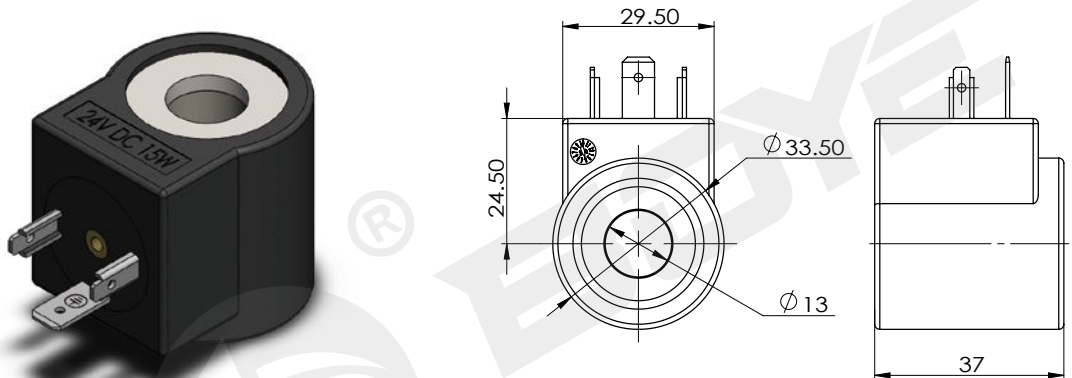
DC 24V
AC 220V
Other can be customized



technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	15	Insulation class		H (180)

BYC02-13A-01G

DC24V
AC220V
Other can be customized

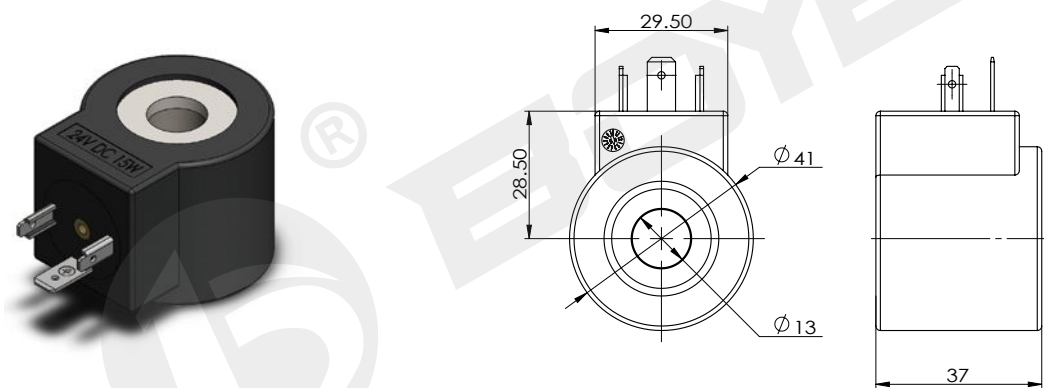


technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	15	Insulation class		H (180)

Coil for cartridge valve

BYC02-13B-01G

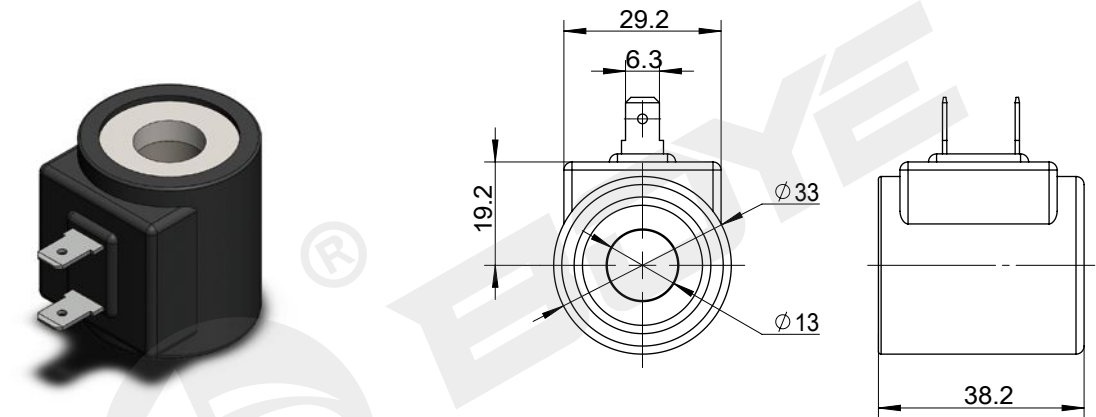
DC 24V
AC 220V
Other can be customized



technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	18	Insulation class		H (180)

BYC02-13C-01S

DC24V
AC220V
Other can be customized



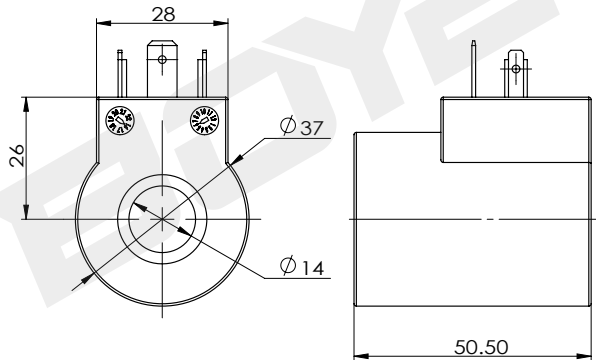
technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC02-14-01G



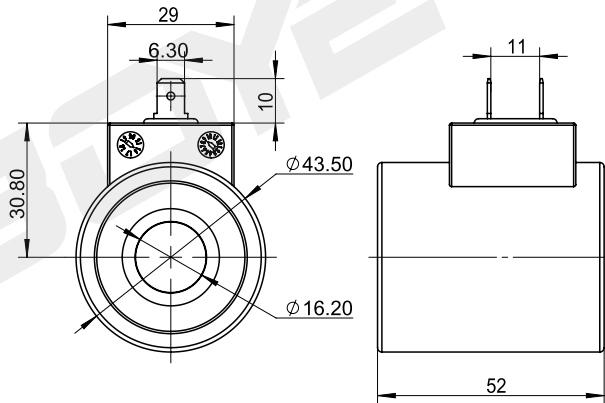
DC 24V
AC 220V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

Coil for cartridge valve

BYC02-16-01S

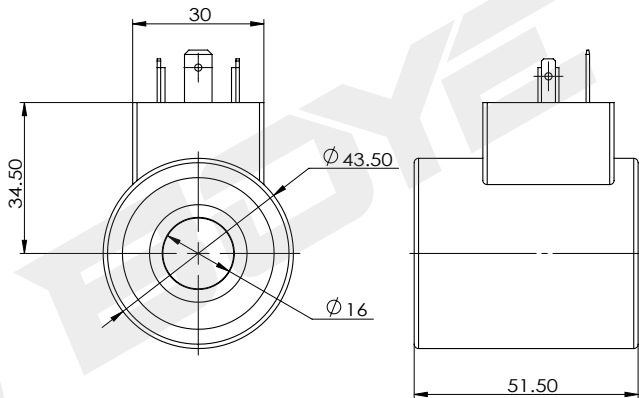


DC 12V
DC 24V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20/28	Insulation class		H (180)

BYC02-16-01G

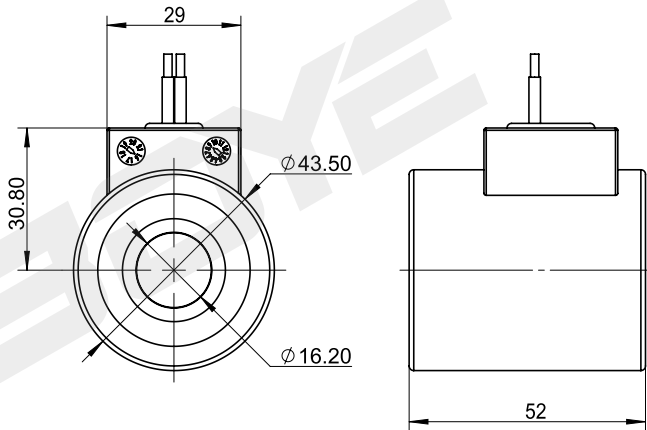


DC 24V
AC 220V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20/28	Insulation class		H (180)

BYC02-16-01L



DC 24V
AC 220V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	23/28	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

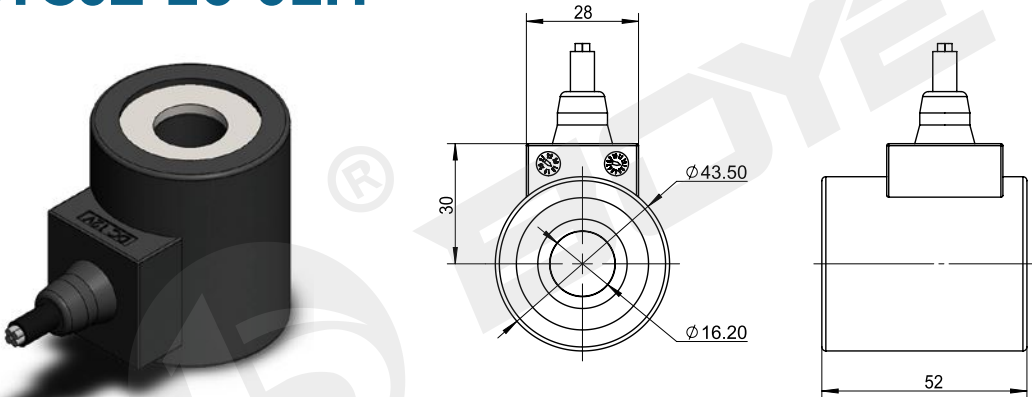
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC02-16-01H

DC 24V
AC 220V

Other can be customized



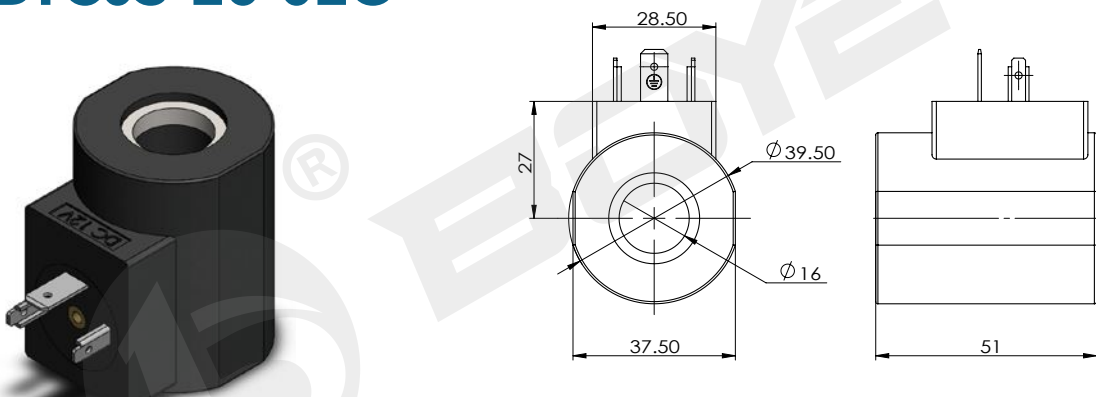
technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20/28	Insulation class		H (180)

Coil for cartridge valve

BYC03-16-01G

DC 24V
AC 220V

Other can be customized

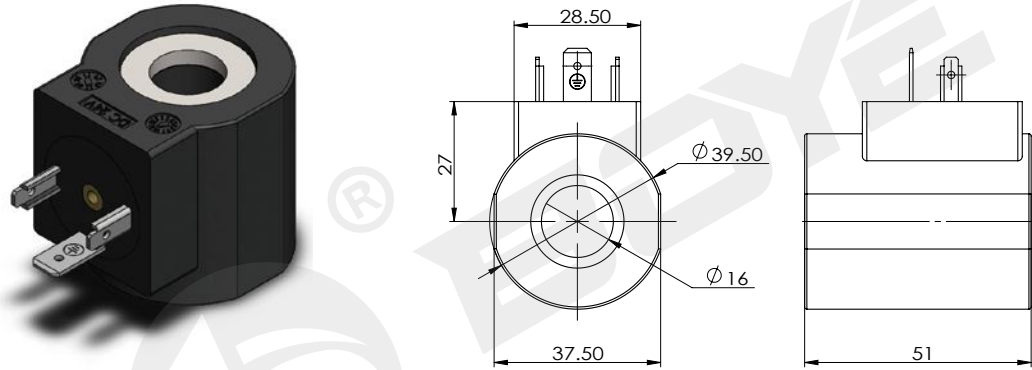


technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	26	Insulation class		H (180)

BYC03-13-01G

DC 24V
AC 220V

Other can be customized

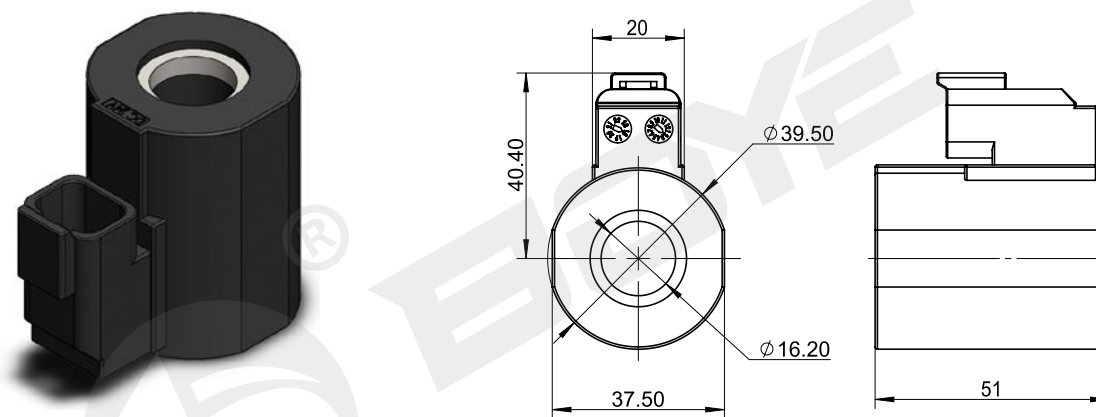


technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

BYC03-16-01D

DC 12V
DC 24V

Other can be customized



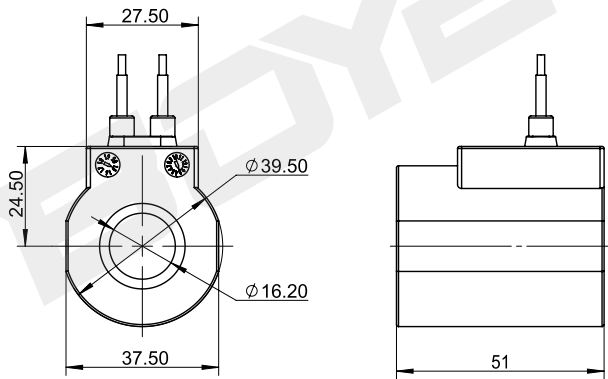
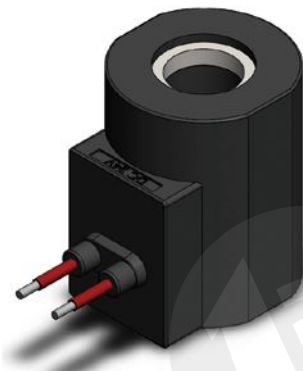
technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	26	Insulation class		H (180)

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The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

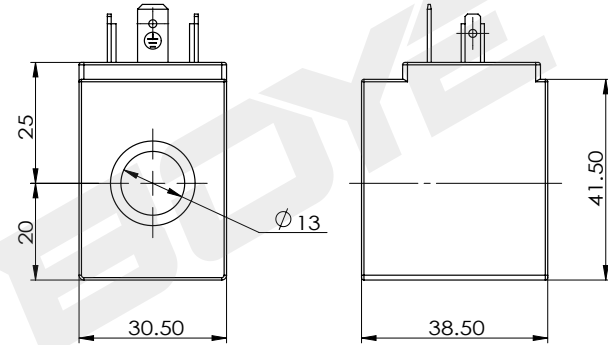
BYC03-16-01L



DC 24V
AC 220V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	26	Insulation class		H (180)

BYC04-13-01G



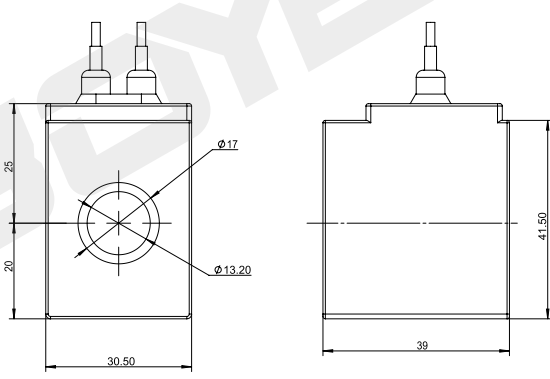
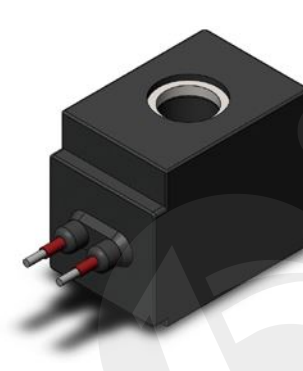
DC 24V
AC 220V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	18	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

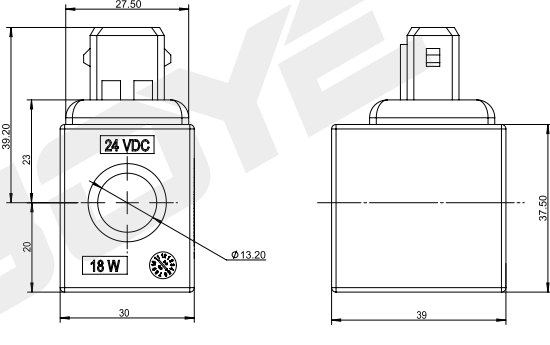
BYC04-13-01L



DC 24V
AC 220V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	18	Insulation class		H (180)

BYC04-13-02J



DC 12V
DC 24V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	18	Insulation class		H (180)

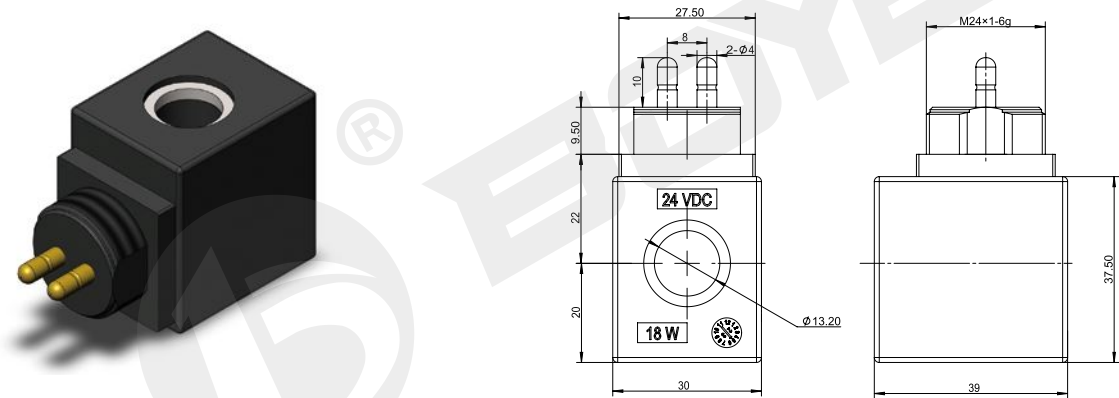
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC04-13-02K24

DC 12V
DC 24V

Other can be customized

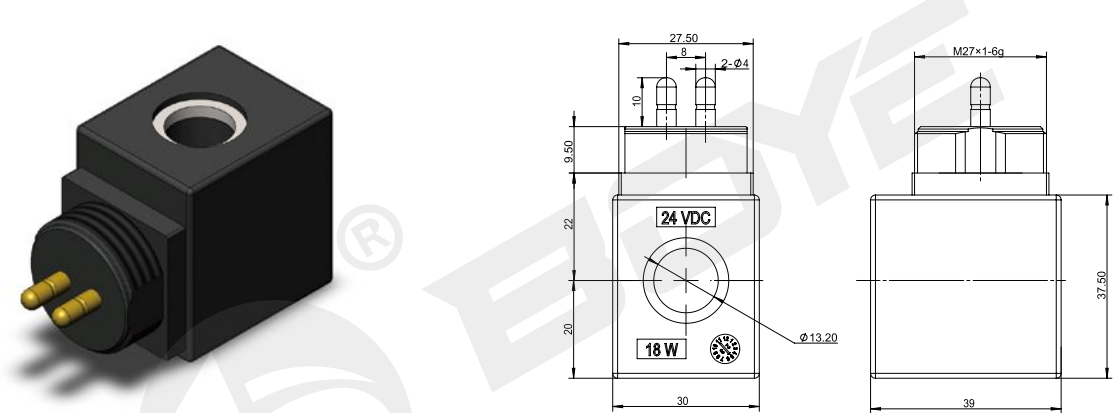


technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	18	Insulation class		H (180)

BYC04-13-02K27

DC 12V
DC 24V

Other can be customized



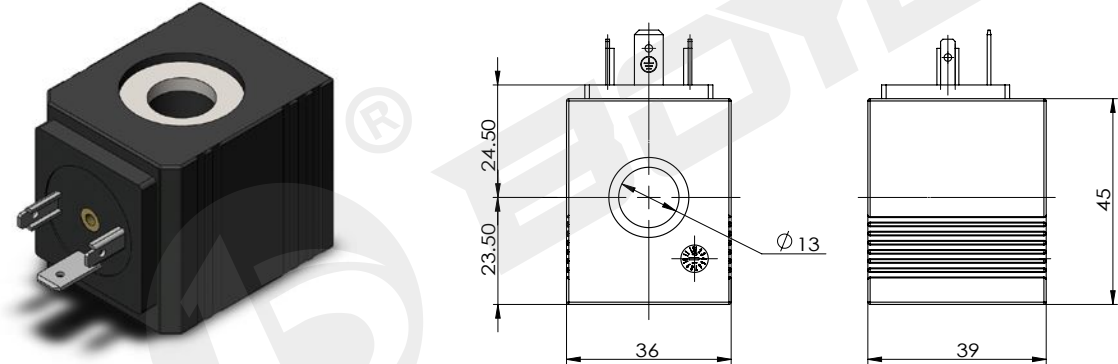
technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	18	Insulation class		H (180)

Coil for cartridge valve

BYC05-13-01G

DC 24V
AC 220V

Other can be customized

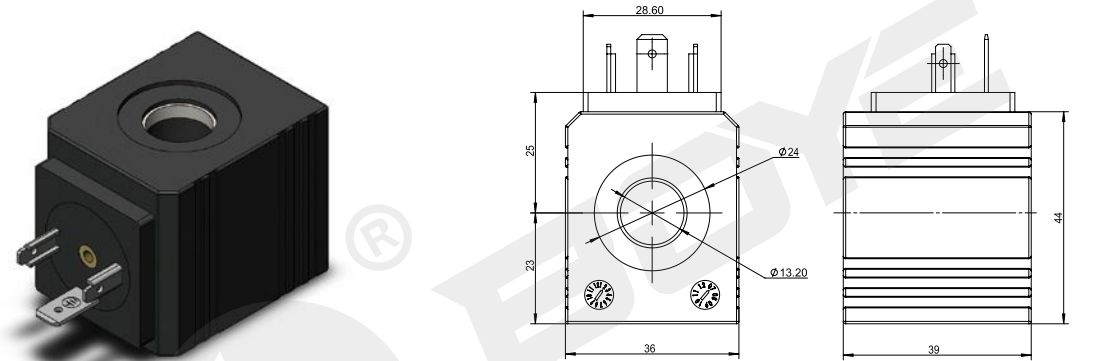


technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

BYC05-13-02G

DC24V
AC220V

Other can be customized



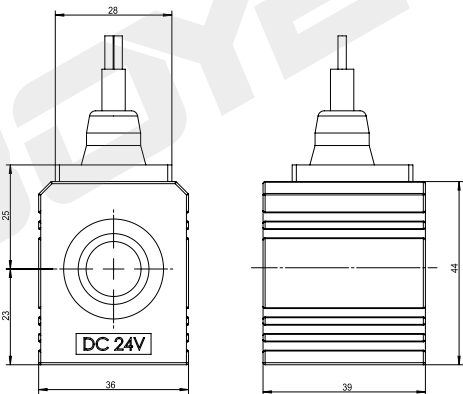
technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

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Coil for cartridge valve

BYC05-13-02H

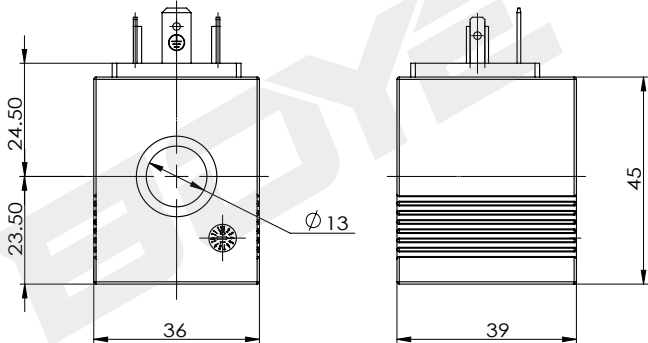


DC 24V
AC 220V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

BYC05-13-03G



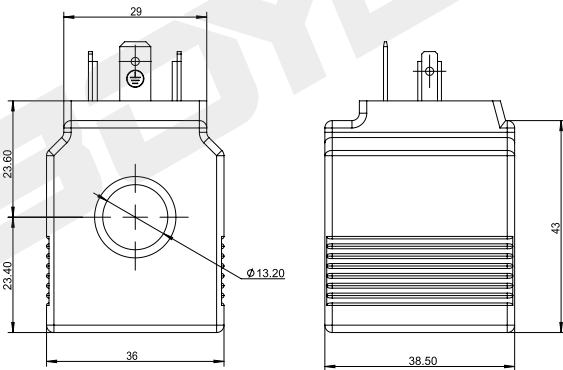
DC 24V
AC 220V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

Coil for cartridge valve

BYC05-13-04G

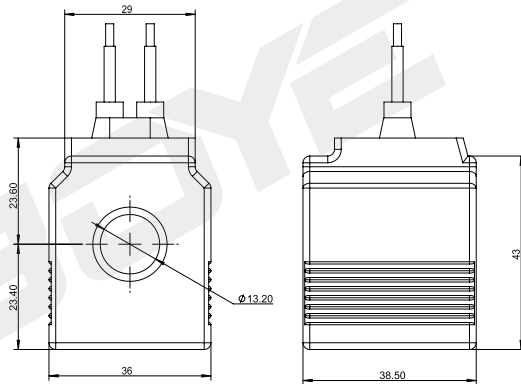


DC 24V
AC 220V

Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

BYC05-13-04L



DC 24V
AC 220V

Other can be customized

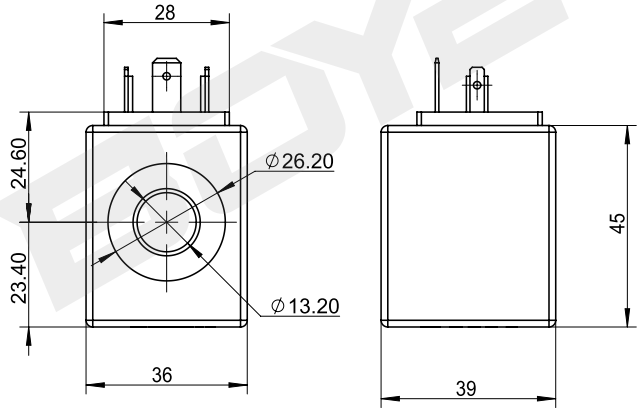
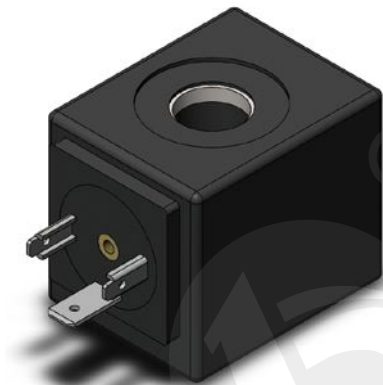
technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

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Coil for cartridge valve

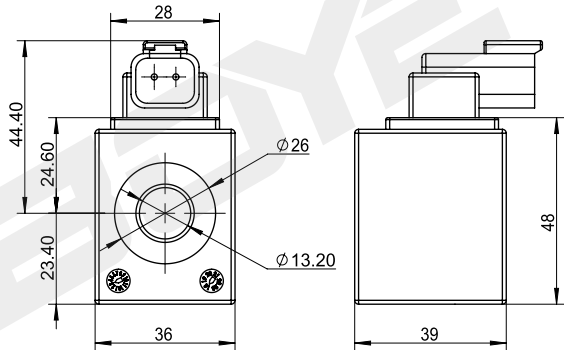
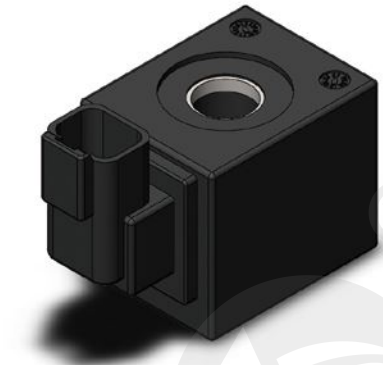
BYC05-13-05G



DC 24V
AC 220V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

BYC05-13-05D



DC 12V
DC 24V
Other can be customized

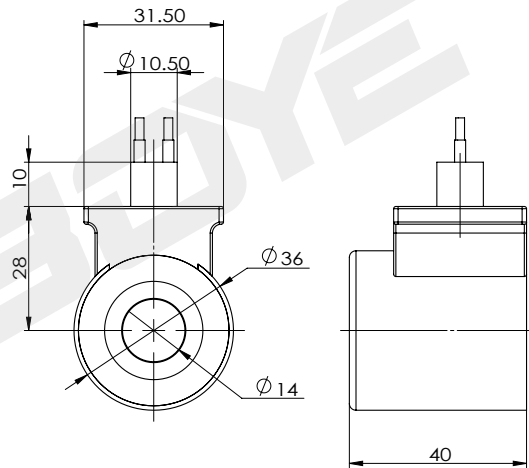
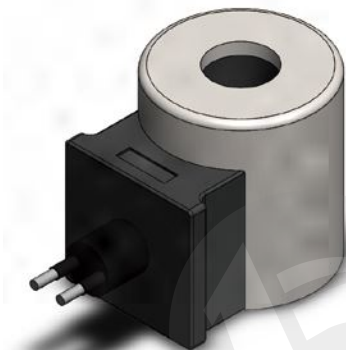
technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC06-14-01L

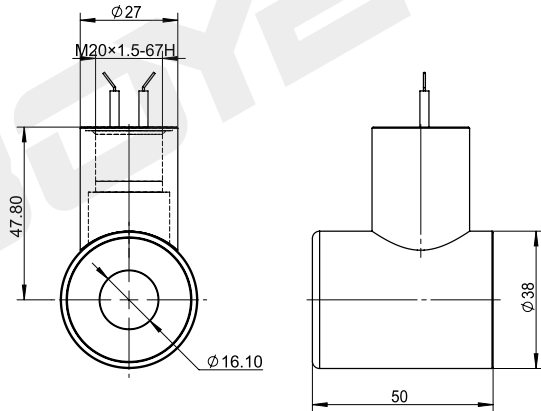
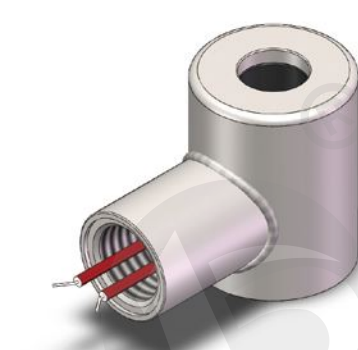


DC 24V
AC 220V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	28	Insulation class		H (180)

Coil for cartridge valve

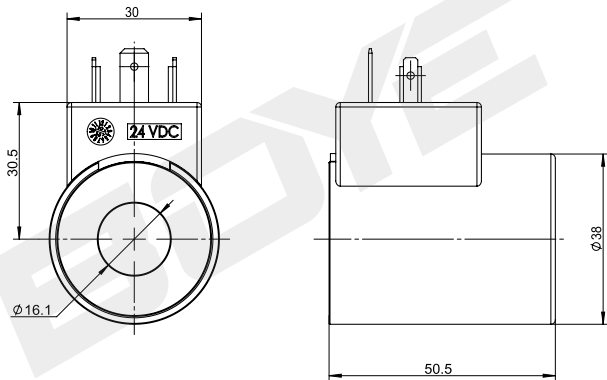
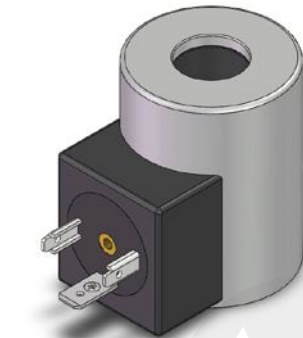
BYC06-16-02L



DC 24V
AC 220V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	25	Insulation class		H (180)

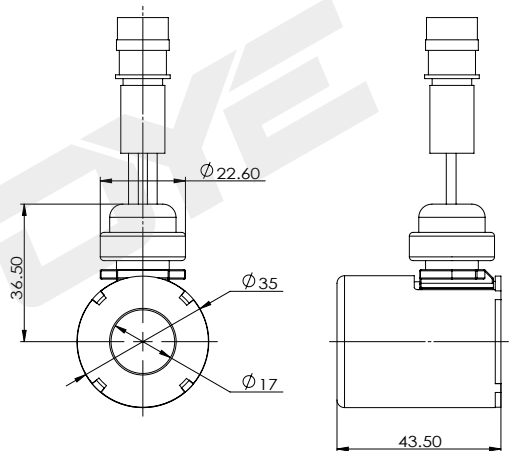
BYC06-16-01G



DC 24V
AC 220V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	25	Insulation class		H (180)

BYC06-17-01W



DC 24V
AC 220V
Other can be customized

technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	25	Insulation class		H (180)

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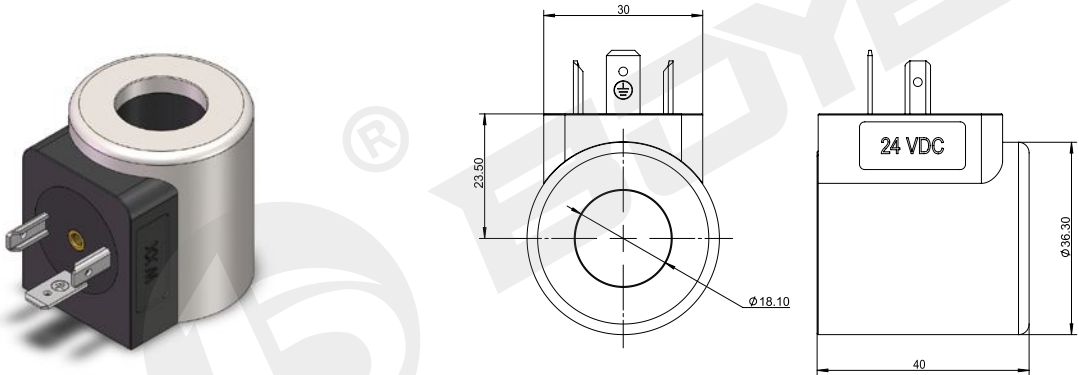
Coil for cartridge valve

BYC06-18-01G

Customizable proportions

DC 24V
AC 220V

Other can be customized



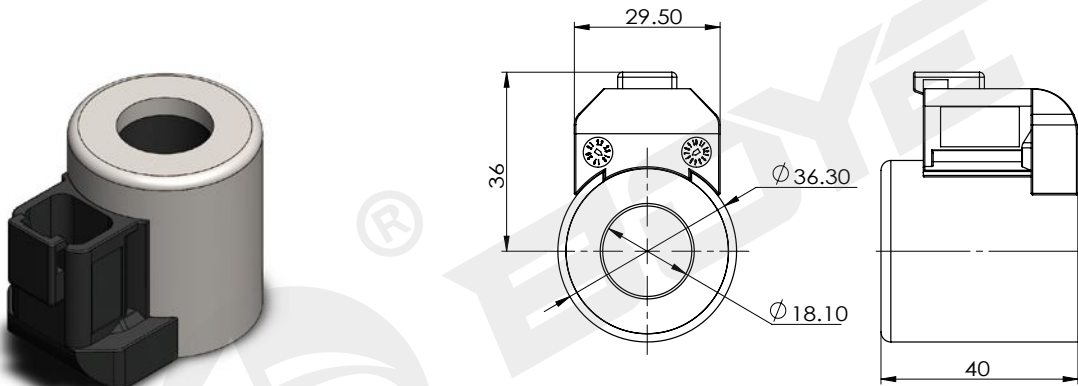
technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16	Insulation class		H (180)

BYC06-18-01D

Customizable proportions

DC 12V
DC 24V

Other can be customized



technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16	Insulation class		H (180)

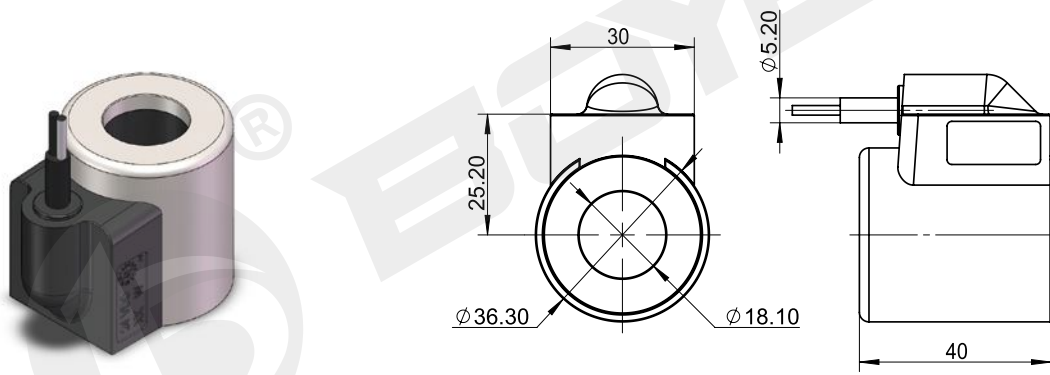
Coil for cartridge valve

BYC06-18-01H

Customizable proportions

DC 12V
DC 24V

Other can be customized



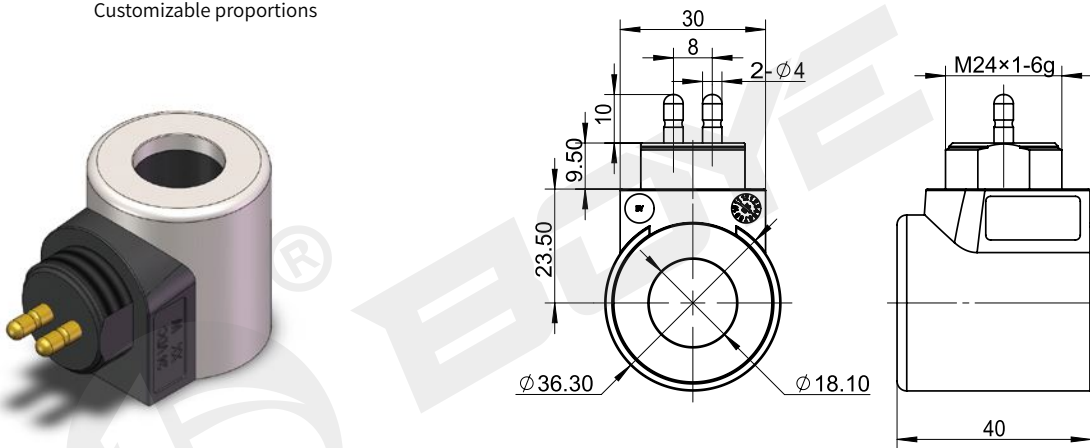
technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	23	Insulation class		H (180)

BYC06-18-01K24

Customizable proportions

DC 12V
DC 24V

Other can be customized



technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	23	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

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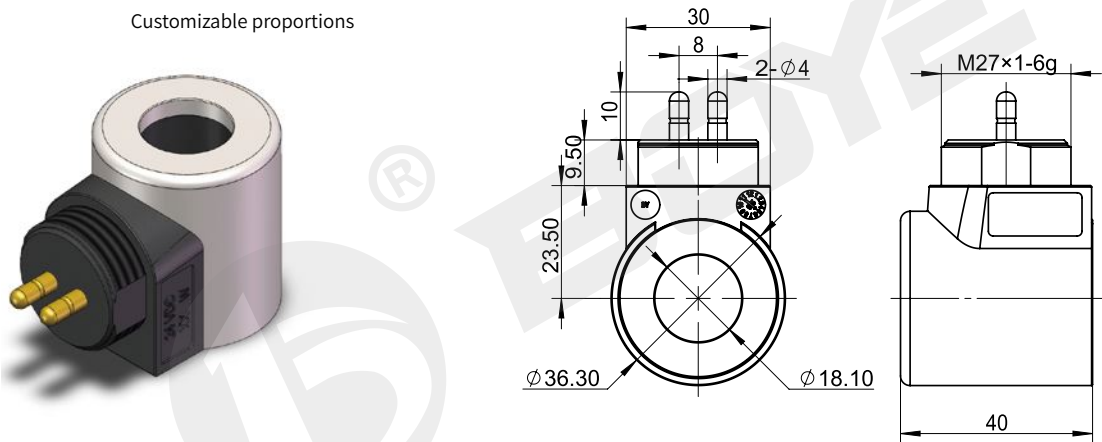
Coil for cartridge valve

BYC06-18-01K27

Customizable proportions

DC 12V
DC 24V

Other can be customized



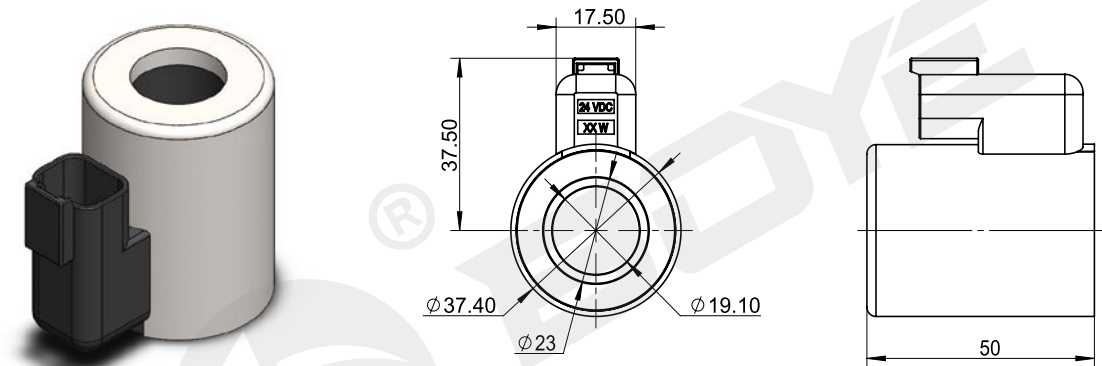
technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	26	Insulation class		H (180)

BYC06-19-01D

Customizable proportions

DC 12V
DC 24V

Other can be customized



technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	22	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

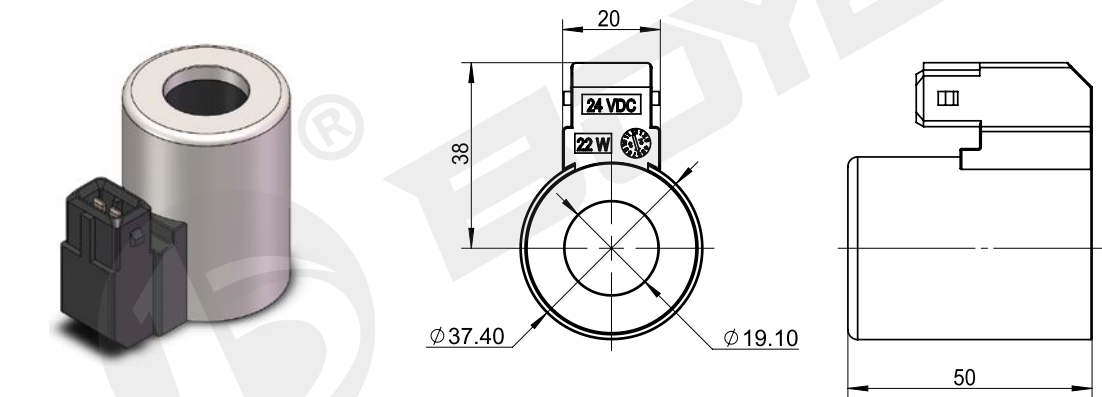
Coil for cartridge valve

BYC06-19-02J

Customizable proportions

DC 12V
DC 24V

Other can be customized



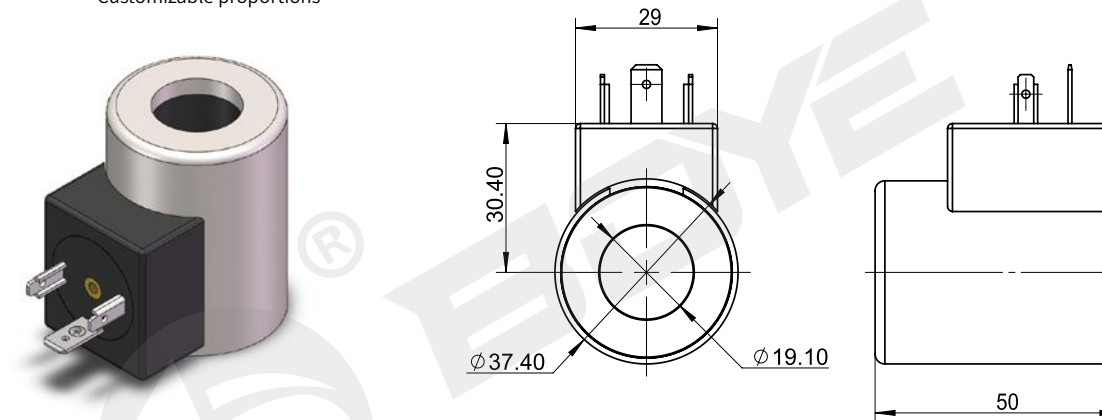
technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	22	Insulation class		H (180)

BYC06-19-02G

Customizable proportions

DC24V
AC220V

Other can be customized



technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	22	Insulation class		H (180)

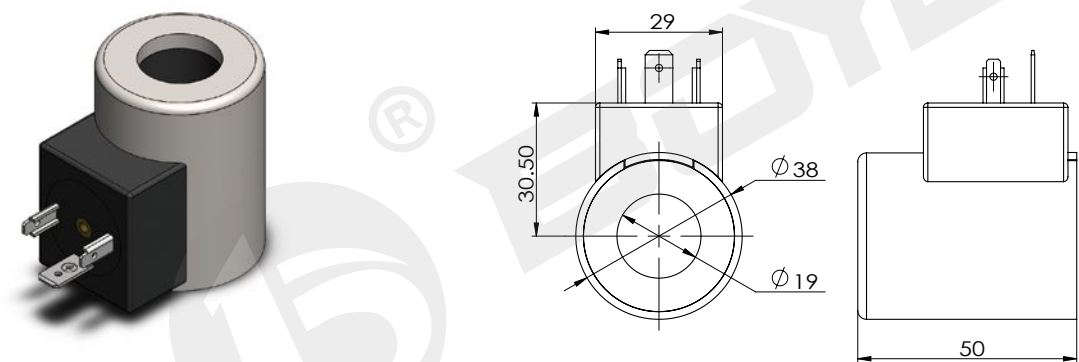
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC06-19A-01G

DC 24V
AC 220V

Other can be customized



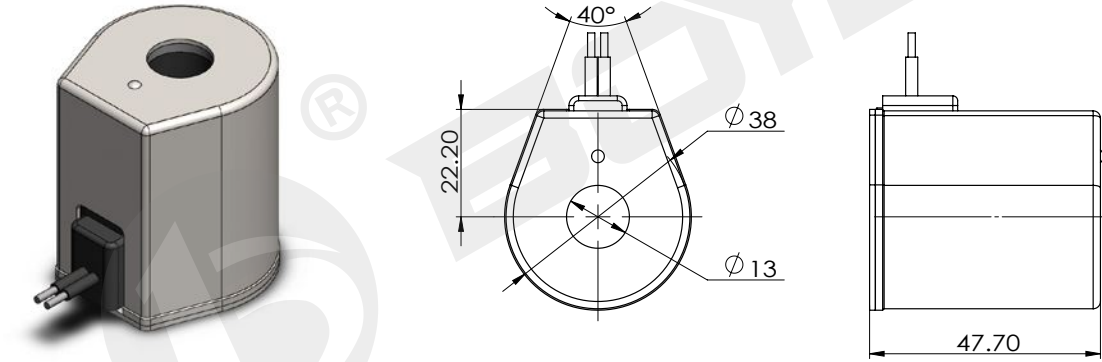
technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	22	Insulation class		H (180)

Coil for cartridge valve

BYC07-13-01L

DC 24V
AC 220V

Other can be customized



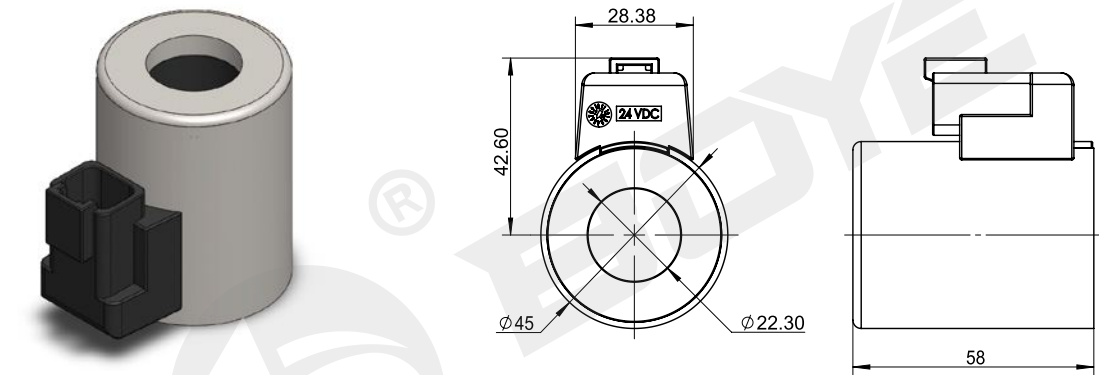
technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

BYC06-22-01D

DC 12V
DC 24V

Other can be customized

proportional type

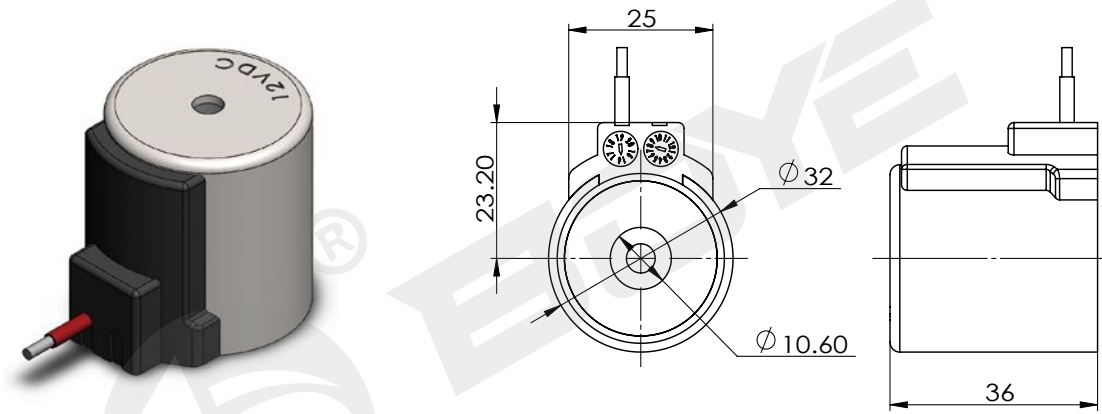


technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	20	Insulation class		H (180)

BYC08-10-01L

DC 24V
AC 220V

Other can be customized



technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	18	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

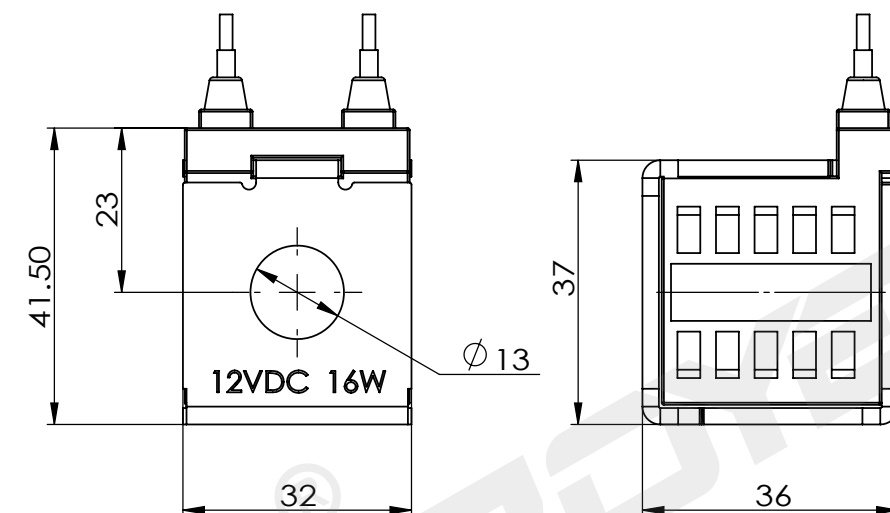
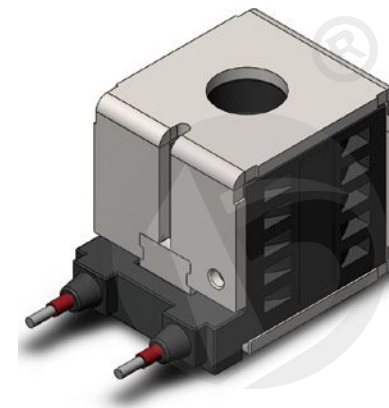
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC09-13-01L

DC 12V
DC 24V

Other can be customized



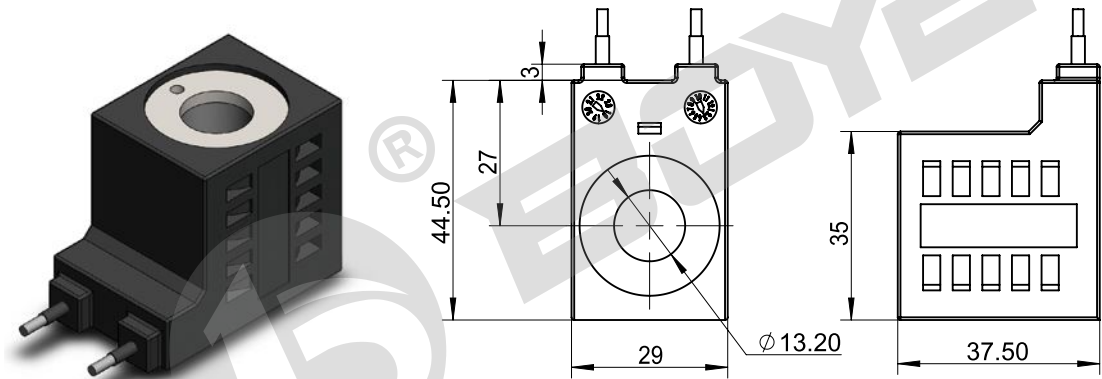
technical parameter					
Ambienttemperature	°C	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16	Insulation class		H (180)

Coil for cartridge valve

BYC10-13-01L

DC 12V
DC 24V

Other can be customized

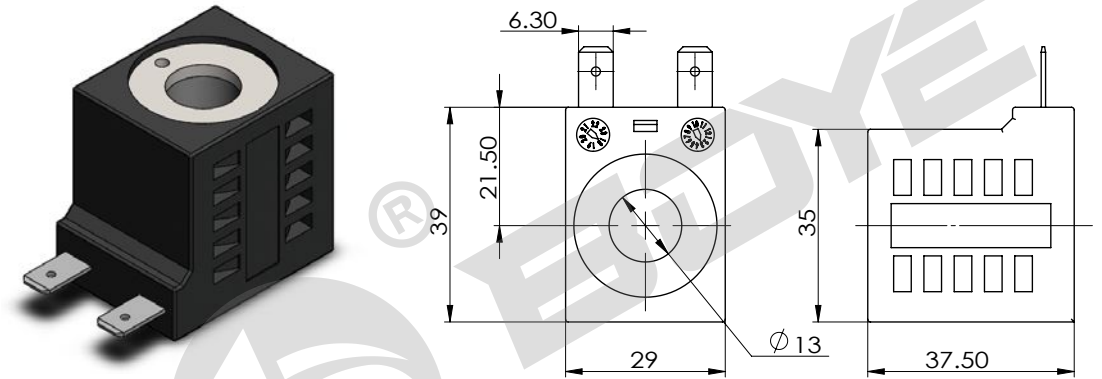


technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16	Insulation class		H (180)

BYC10-13-01S

DC 12V
DC 24V

Other can be customized



technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP65
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16	Insulation class		H (180)

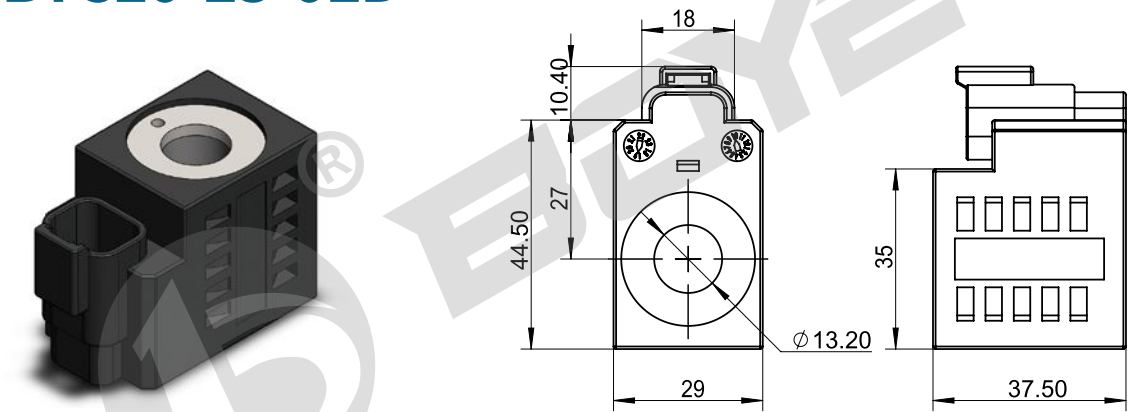
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Coil for cartridge valve

BYC10-13-01D

DC 12V
DC 24V

Other can be customized

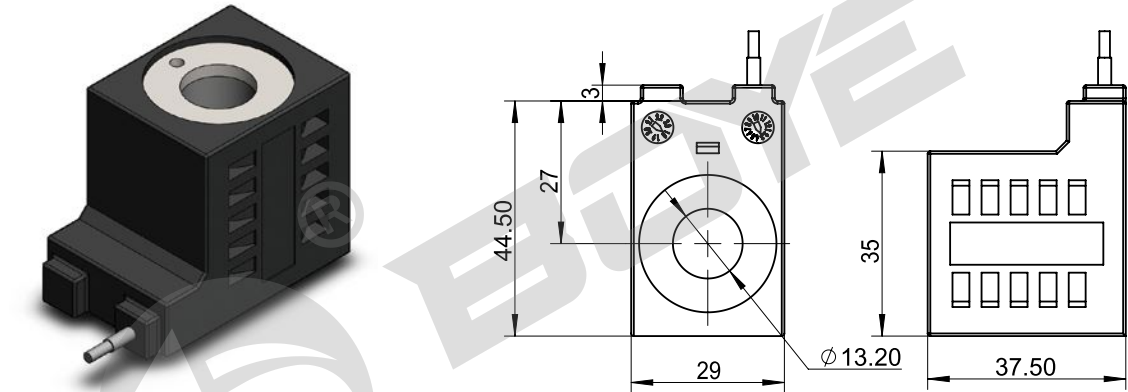


technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16	Insulation class		H (180)

BYC10-13-01L1

DC 12V
DC 24V

Other can be customized



technical parameter					
Ambienttemperature	℃	-25 ~ 50	Degree of protection		IP67
Voltage fluctuation range	%	85 ~ 110	Power on duration	%	100
Rated power	W	16	Insulation class		H (180)

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT

MAGNETIC GUIDE TUBE FOR CARTRIDGE VALVE

- Boye hydraulic, magnetic guide sleeve for byt series cartridge valve, belongs to the key electromagnetic driving element of electromagnetic cartridge valve. It is widely used in industry, engineering, agriculture, metallurgy, shipbuilding, military machinery and other fields. It is a key element to realize hydraulic automatic control. The product quality directly determines the working stability and reliability of the whole system. The company has successively introduced, digested and absorbed the product technology of many international well-known brands. After years of accumulation, the company has produced more than 30 million magnetic guide sleeves, has rich experience in product R & D and production, and all key indicators of products have achieved 100% ex factory inspection.
- The product design conforms to jbt5244 / vde0580 standard.
- High quality magnetic conductive materials are adopted to ensure the stable and reliable output force of electromagnet.
- A variety of connection modes are available, and external hexagonal thread, square thread and flange can meet the installation needs of different fields.
- A variety of welding structures can be selected, such as argon arc welding and copper brazing, which can meet the requirements of different product characteristics.
- A variety of output force modes are available, including push, pull and two-way, which can meet different working modes of solenoid valve.
- Working pressure: $\leq 21\text{MPa}$
- Limit pressure: $\geq 31.5\text{Mpa}$
- Burst pressure: $\geq 63\text{Mpa}$
- Mechanical life: $\square 10$ million times
- Pulse fatigue life: $\square 2$ million times
- Surface treatment: blue white zinc.
- If the standard magnetic sleeve can not meet your needs, please contact Boye hydraulic, which can be customized according to your needs. Welcome to consult.

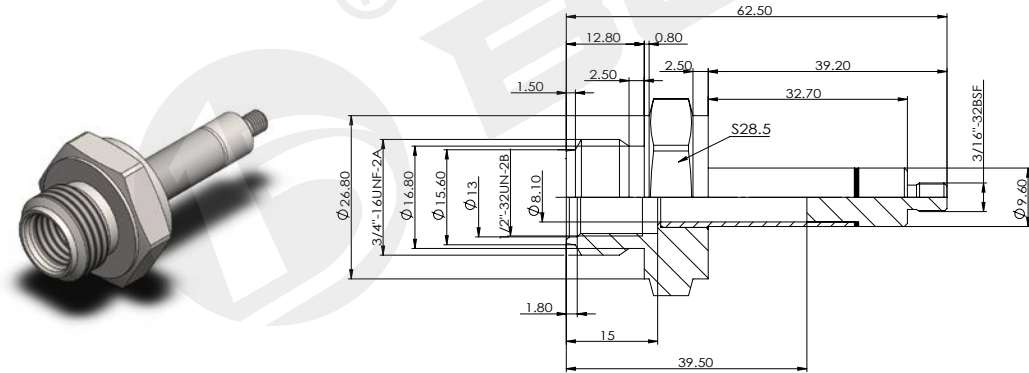


BYT01

Magnetic guide tube for cartridge valve

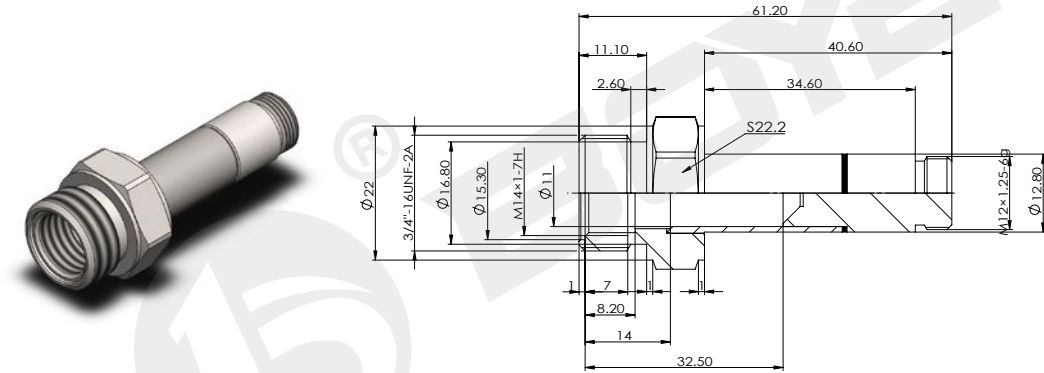
- Pull type, Three stage welding, External hexagon thread connection

BYT01-10-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	28.5

BYT01-13-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	22.2

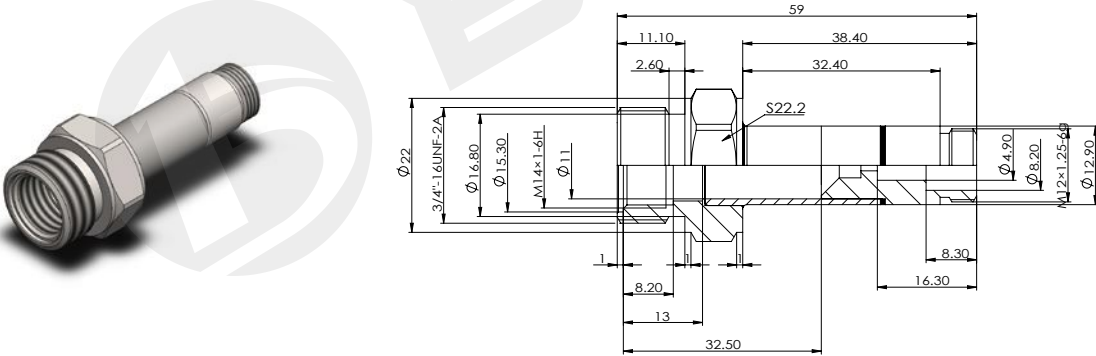
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT01

Magnetic guide tube for cartridge valve

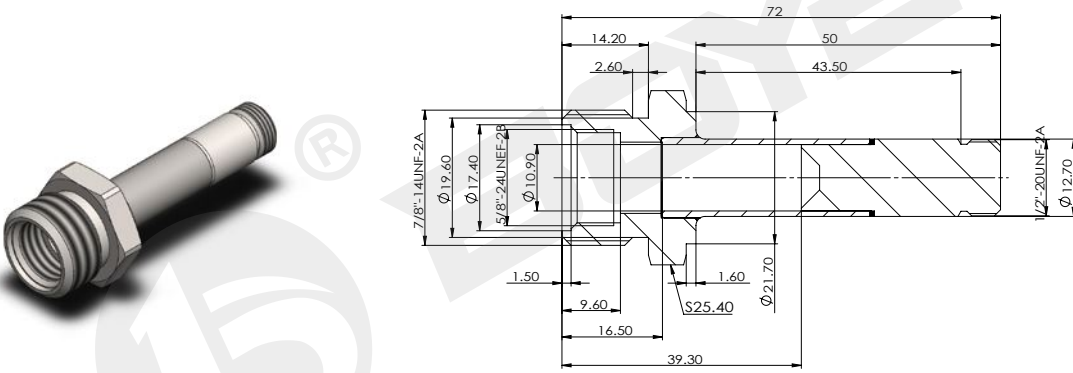
- Pull type, Three stage welding, External hexagon thread connection

BYT01-13-02M



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	22.2

BYT01-13A-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	25.4

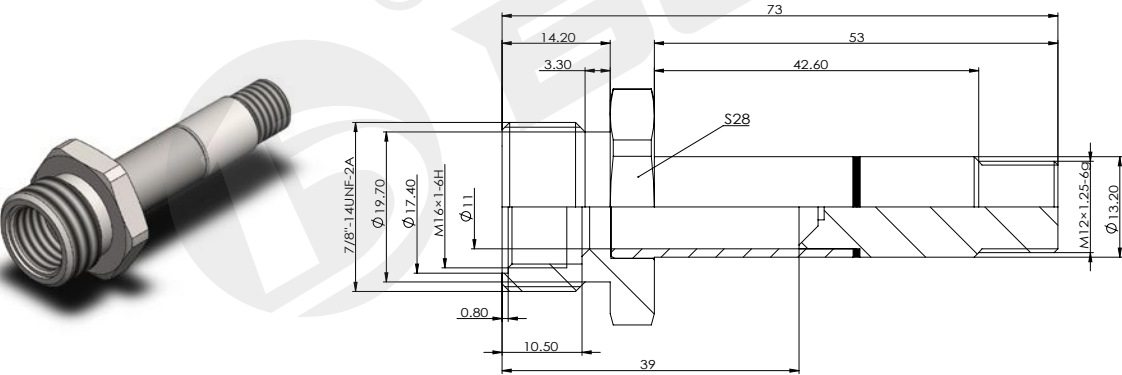
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT01

Magnetic guide tube for cartridge valve

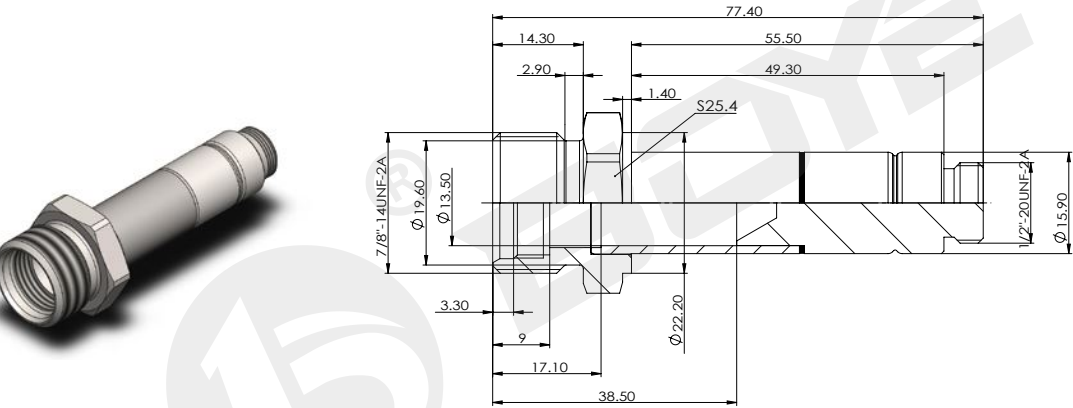
- Pull type, Three stage welding, External hexagon thread connection

BYT01-13B-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	28

BYT01-16-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	25.4

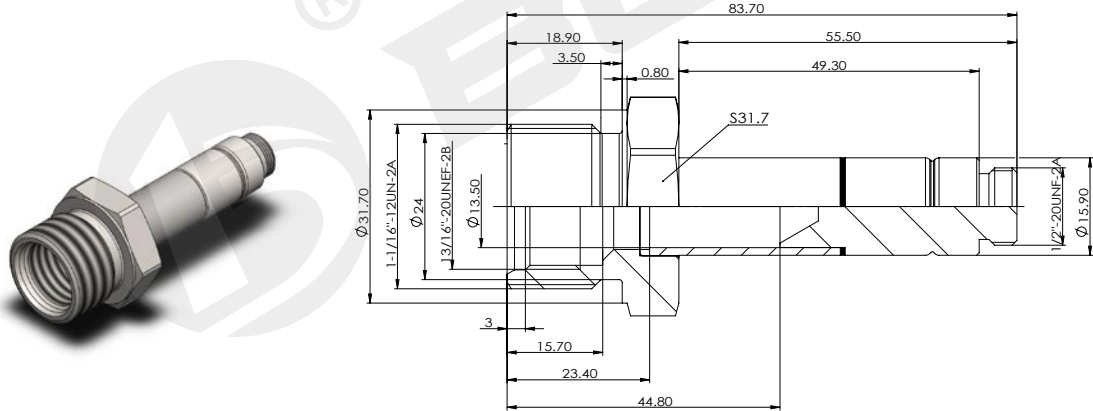
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT01

Magnetic guide tube for cartridge valve

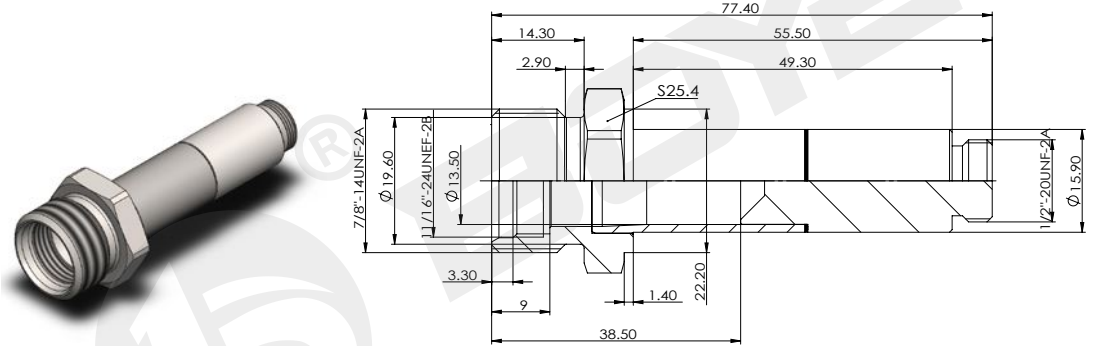
- Pull type, Three stage welding, External hexagon thread connection

BYT01-16A-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	31.75

BYT01-16B-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	22.2V

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

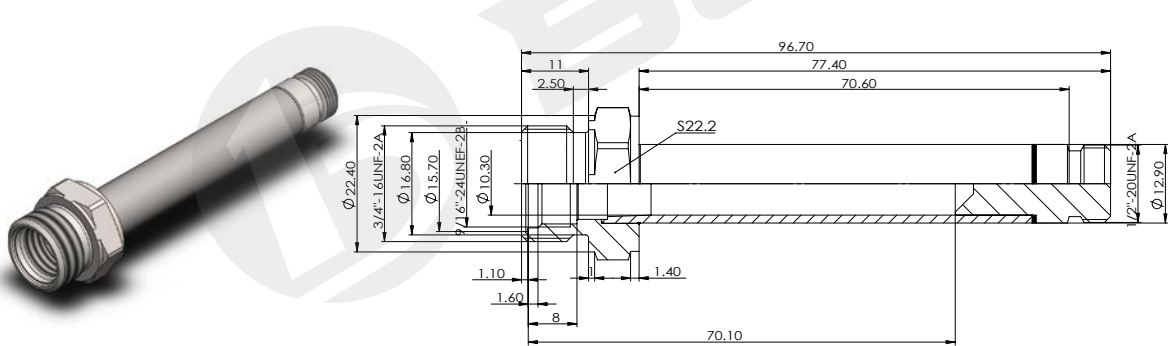
BYT01

Magnetic guide tube for cartridge valve

- Pull type, Three stage welding, External hexagon thread connection

BYT01-S13-01

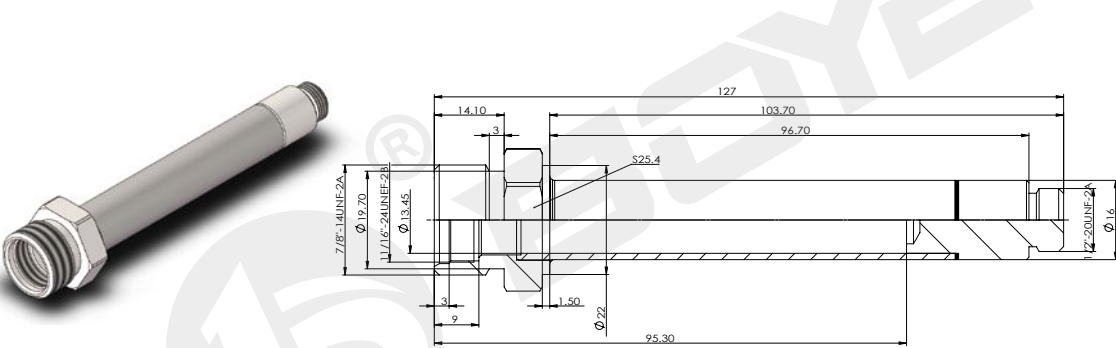
Two way push-pull type



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	22.2

BYT01-S16-01

Two way push-pull type



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	25.4

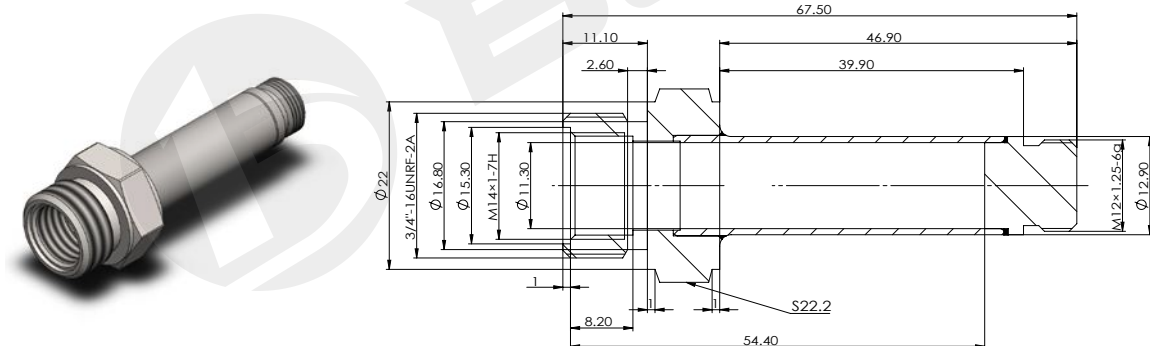
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT02

Magnetic guide tube for cartridge valve

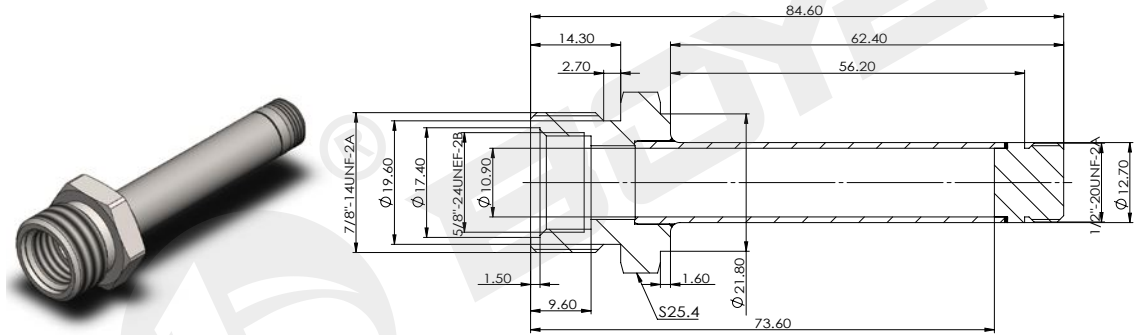
- Push type, Three stage welding, External hexagon thread connection

BYT02-13-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	22.2

BYT02-13A-01



技术参数 /technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	25.4

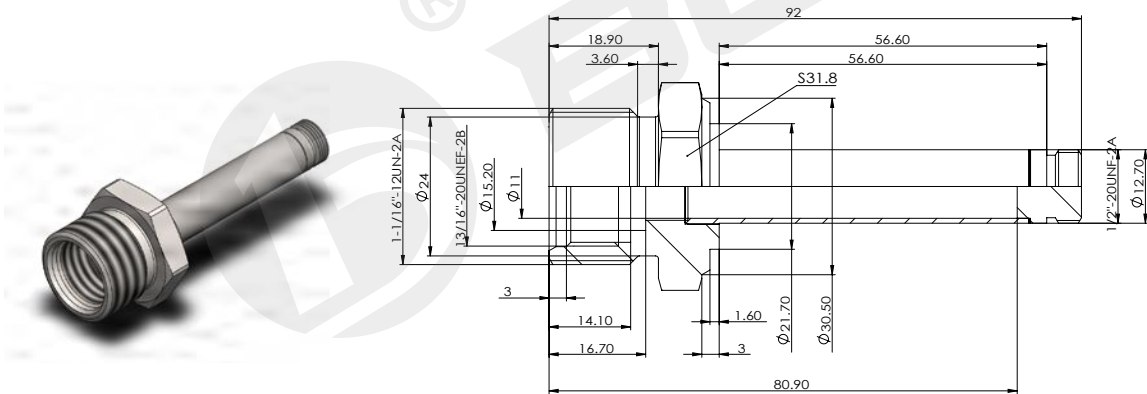
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT02

Magnetic guide tube for cartridge valve

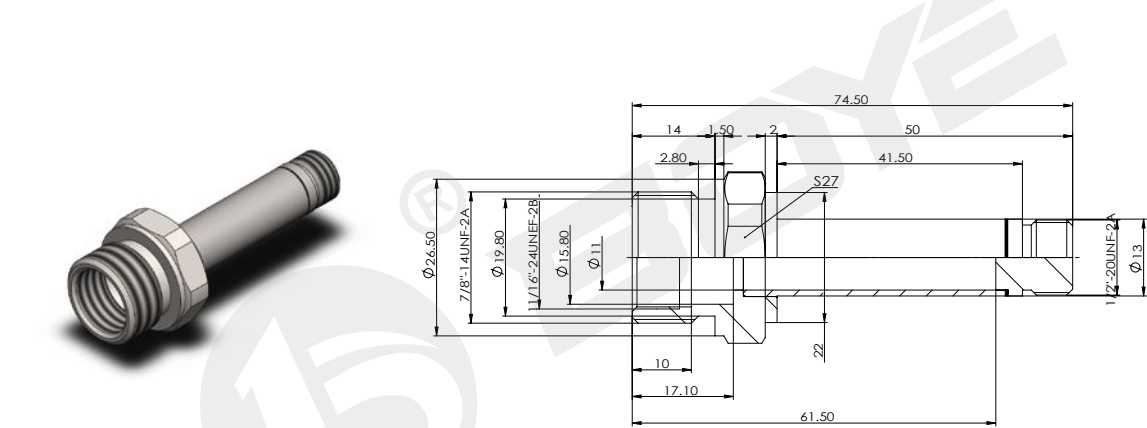
- Push type, Three stage welding, External hexagon thread connection

BYT02-13B-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	31.75

BYT02-13C-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	27

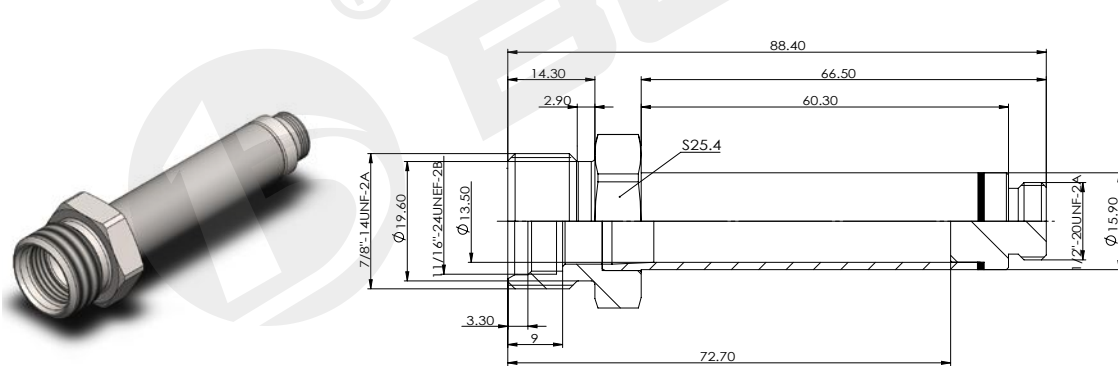
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT02

Magnetic guide tube for cartridge valve

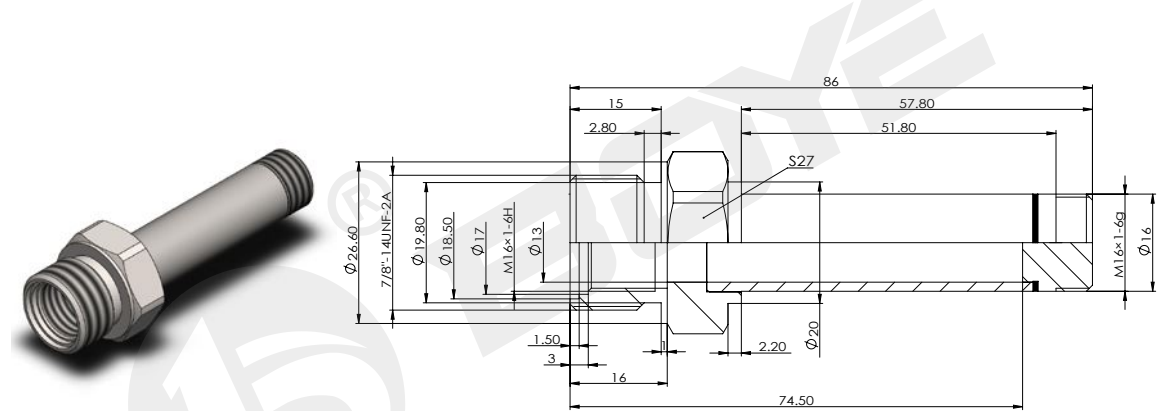
- Push type, Three stage welding, External hexagon thread connection

BYT02-16-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	25.4

BYT02-16A-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	27

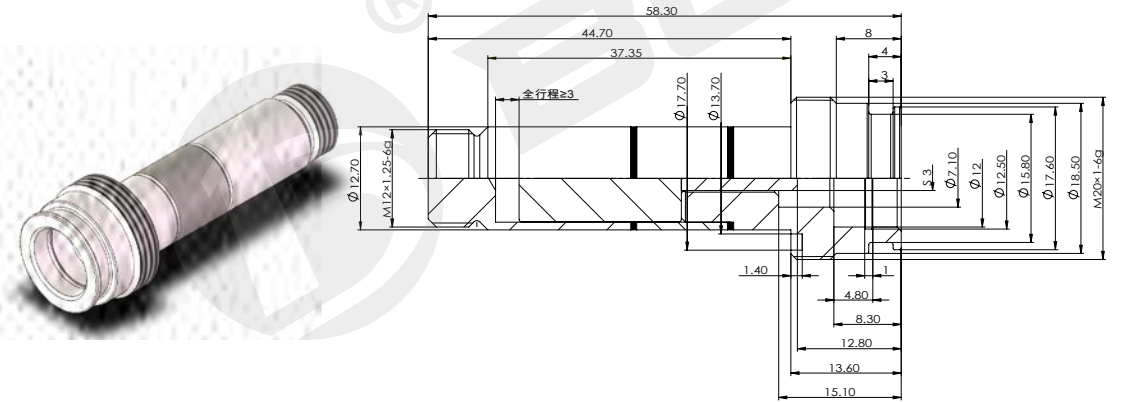
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT06

Magnetic guide tube for cartridge valve

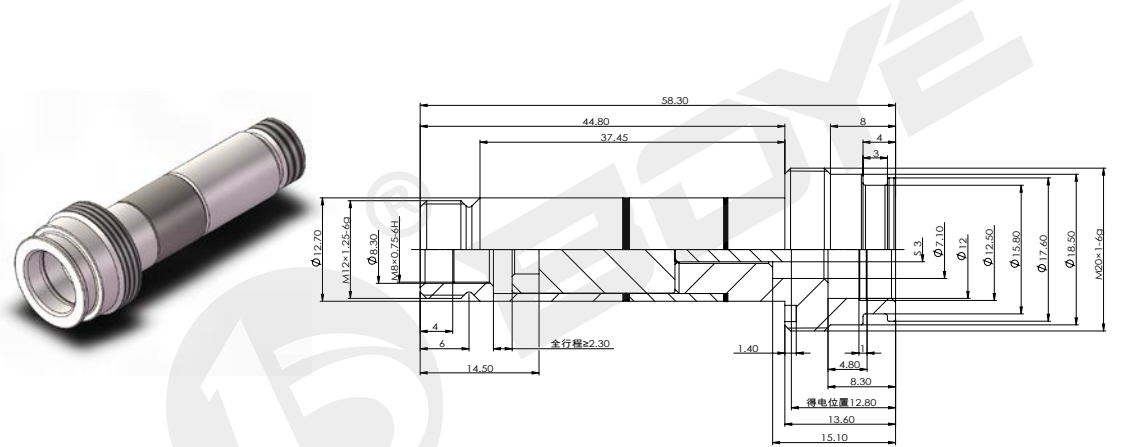
- Push type, Three stage welding, thread connection

BYT06-13-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	—

BYT06-13-02M



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	—

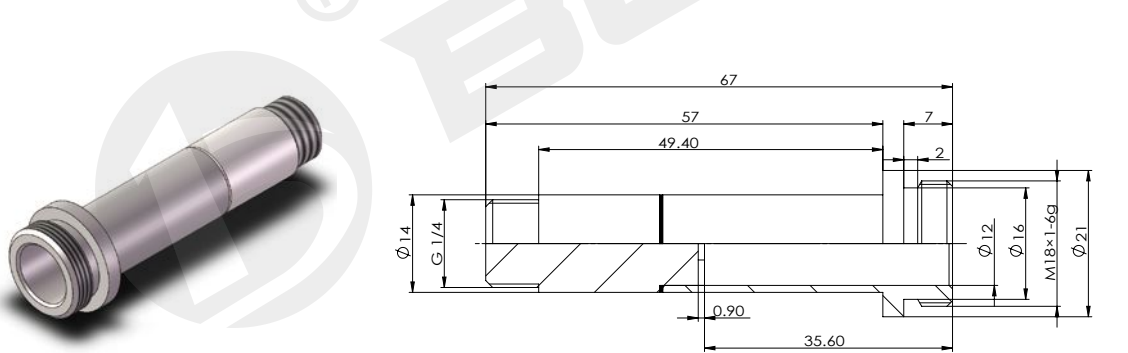
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT07

Magnetic guide tube for cartridge valve

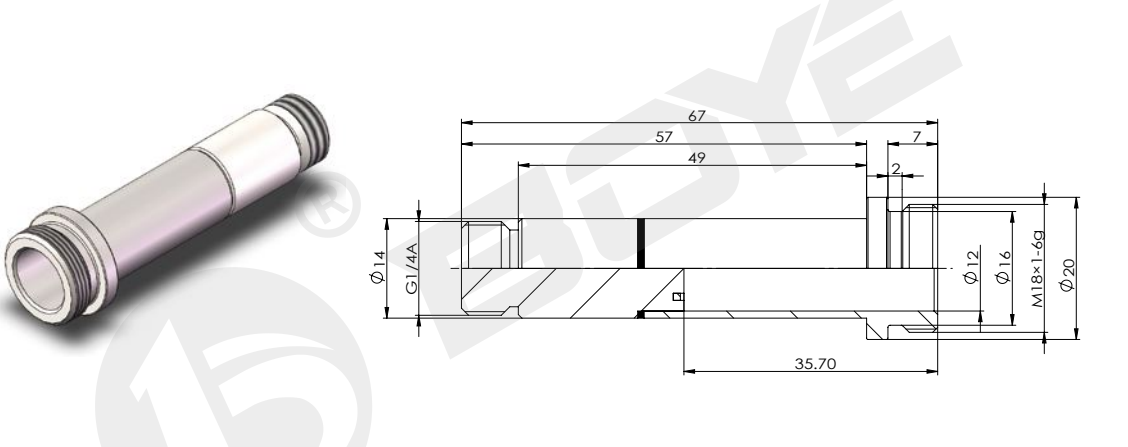
- Pull type, two-stage welding, thread connection

BYT07-14-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	—

BYT07-14-02



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	—

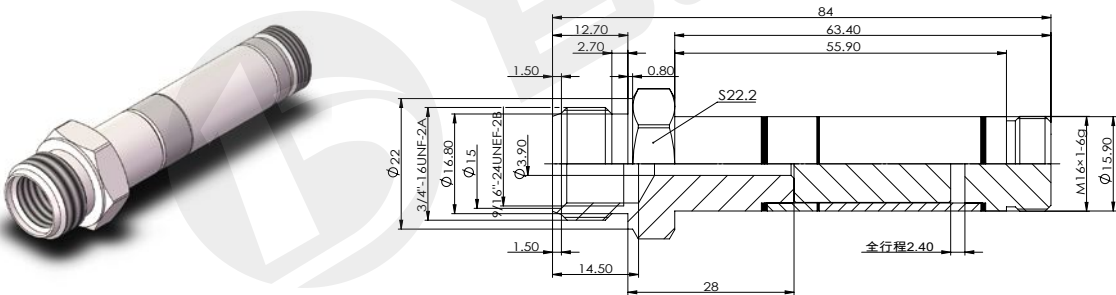
The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYT09

Magnetic guide tube for cartridge valve

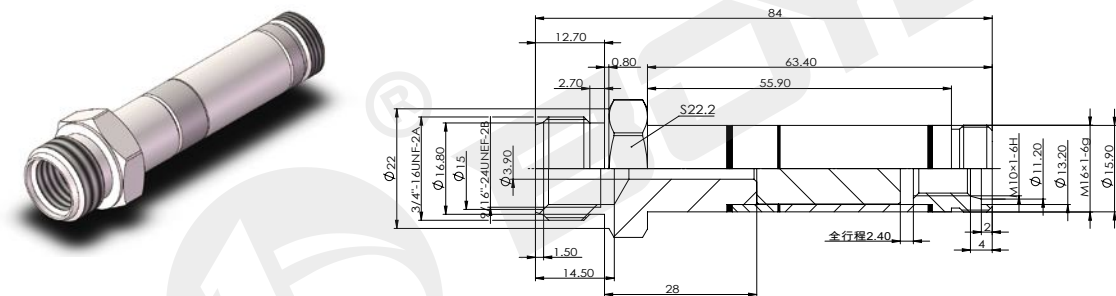
- Push type, four section argon arc welding, external hexagon thread connection

BYT09-16-01



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	22.2

BYT09-16-01M



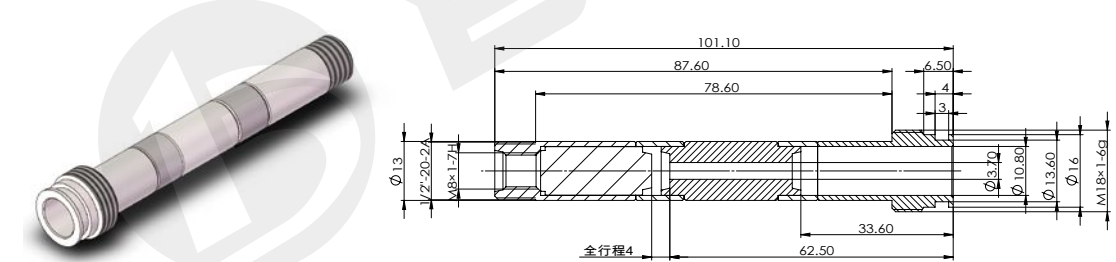
technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	—

BYT10

Magnetic guide tube for cartridge valve

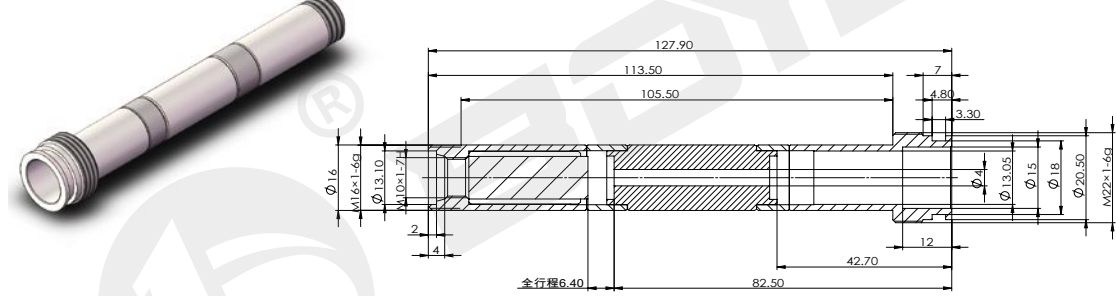
- Two way push-pull type, five section argon arc welding, threaded connection

BYT10-S13-01M



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	—

BYT10-S16-01M



technical parameter					
Working oil pressure	MPa	≤ 21	Hexagon size	mm	—

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The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYS SPECIAL PRODUCTS

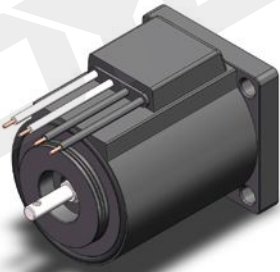
- Boye hydraulic and byt series special products mainly include electromagnetic products such as customized electromagnets with various special structures and uses. They are widely used in industries, engineering, agriculture, metallurgy, ships, military machinery and other fields. They are the key components to realize automatic control. The product quality directly determines the working stability and reliability of the whole system. The company has successively introduced, digested and absorbed the product technology of several international well-known brands. After years of accumulation, the company has produced more than 30 million electromagnets, has rich experience in product R & D and production, and all key indicators of products have achieved 100% ex factory inspection.
- The product design conforms to jbt5244 / vde0580 standard.
- If the standard products can not meet your needs, please contact Boye hydraulic, which can be customized according to your needs. Welcome to consult.



BYS01-45-01L

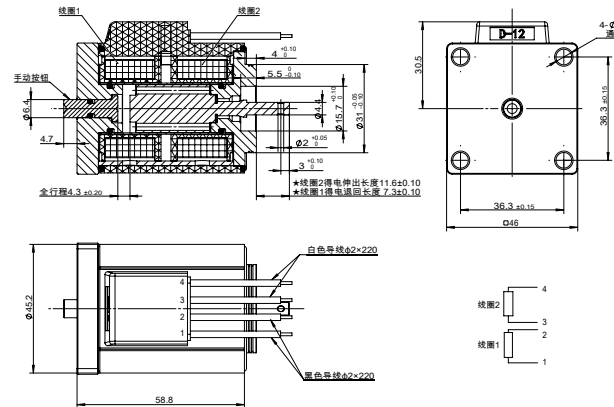
Solenoid for two-way control valve

- Applicable to two-way control solenoid valve
- Equipped with manual emergency device
- Full plastic sealing process of coil



DC 12V
DC 24V
Other can be customized

Outline and connection dimensions

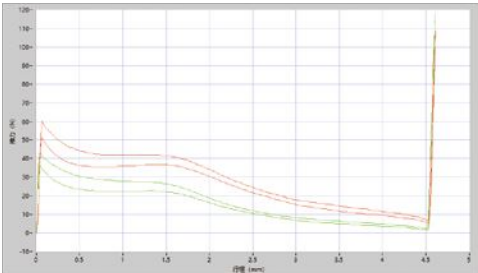


technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	2.2	1.1
Rated resistance	Ω	5.5	22
Rated stroke	mm	2.2	
Full stroke	mm	4.4	
Rated thrust	N	12	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP65	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		Four-wire	

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

F-S characteristic curve

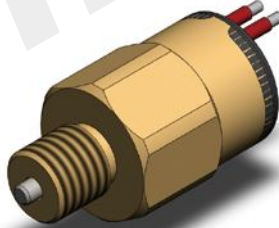


The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYS02-25-01L

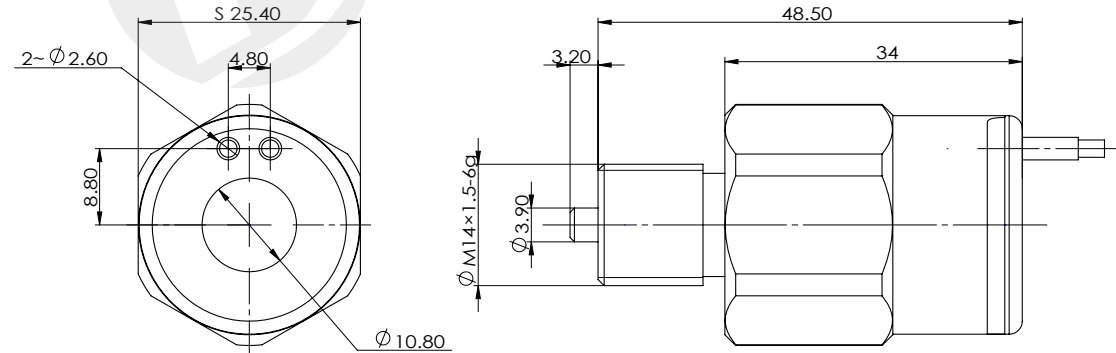
battery valve lock

- Suitable for solenoid valve position locking
- Comes with return spring
- Coil full plastic sealing process



DC 12V
DC 24V
Other can be customized

Outline and connection dimensions



technical parameter		
Ambient temperature	°C	-25~50
Voltage fluctuation range	%	85 ~ 110
Rated power	W	4
Rated stroke	mm	3.2
Degree of protection		IP67
Operating frequency	T/h	12000
Power on duration	%	100
Insulation class		H(180)
Electrical connection mode		Two-wire

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

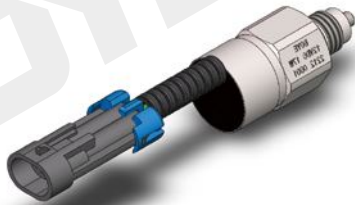
BYS02-25A-01L

battery valve lock

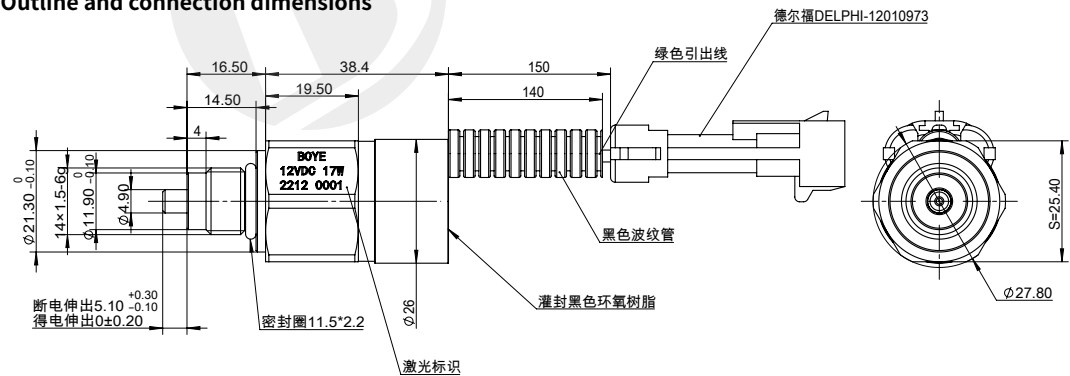
DC 12V
DC 24V

Other can be customized

- Suitable for solenoid valve position locking
- Comes with return spring
- Coil full plastic sealing process



Outline and connection dimensions



technical parameter		
Ambient temperature	°C	-25~50
Rated voltage	VDC	12
Rated resistance	Ω	15.5
Rated stroke	mm	5
Repetition accuracy	%	≤ 1
Degree of protection		IP67
Power on duration	%	100
Insulation class		H (180)
Electrical connection mode		Two-wire

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

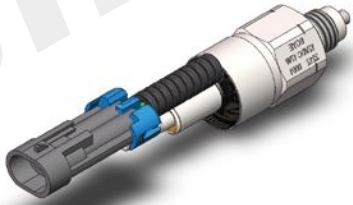
BYS02-25A-02L

battery valve lock

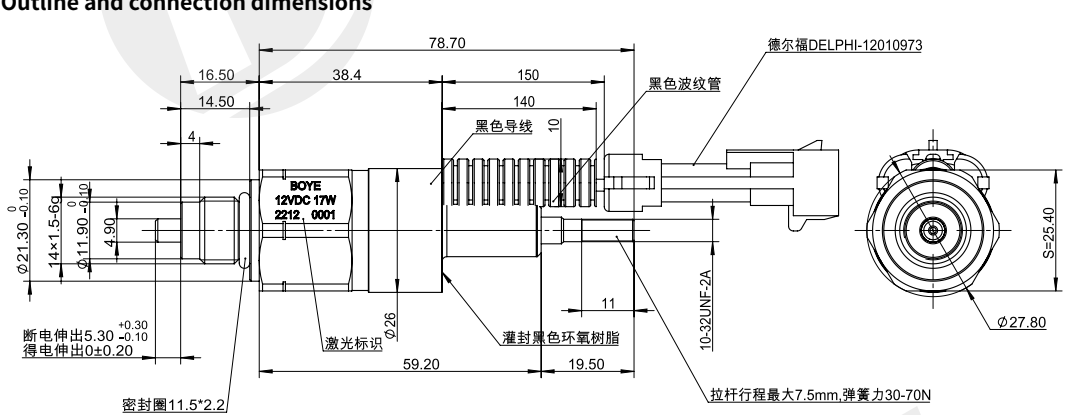
DC 12V
DC 24V

Other can be customized

- Suitable for solenoid valve position locking
- Comes with return spring
- Comes with manual emergency device
- Coil full plastic sealing process



Outline and connection dimensions



technical parameter		
Ambient temperature	°C	-25~50
Rated voltage	VDC	12
Rated resistance	Ω	8.5
Rated stroke	mm	5
Repetition accuracy	%	≤ 1
Degree of protection		IP67
Power on duration	%	100
Insulation class		H (180)
Electrical connection mode		Two-wire

matters needing attention

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

Boye hydraulic, BYQ series automotive coil, which belongs to the key electromagnetic driving element of automotive solenoid valve, is widely used in various automotive systems that need to realize automatic control. The product quality directly determines the working stability and reliability of the whole system. The company has successively introduced, digested and absorbed the product technology of several international well-known brands. After years of accumulation, the company has produced more than 30 million coils, has rich experience in product R & D and production, and all key indicators of products have achieved 100% ex factory inspection.

The product design complies with jbt5244 / vde0580 / qct413 standards. High quality magnetic conductive materials are adopted to ensure the stable and reliable output force of electromagnet.

A variety of standard connection modes are provided, and the enclosure protection grade is ip65-ip69k, which can meet the needs of different environments.

It adopts high-quality H-C enamelled wire and insulating material, and fully plastic sealed coil structure, which is firm and durable, fast heat dissipation, and will not burn even if it is used for a long time.

Surface treatment: blue white zinc.

If the standard coil can not meet your needs, please contact Boye hydraulic, which can be customized according to your needs. Welcome to consult.

BYQ

Automobile coil

BYQ01-32

Normally open type

Normally closed type



BYQ01-32-01D

technical parameter		
Rated power	W	20



BYQ01-32-02D

technical parameter		
Rated power	W	20

BYQ05-29

Proportional type



BYQ05-29-01D

technical parameter		
Rated power	W	17



BYQ05-29-02D

technical parameter		
Rated power	W	27

The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

BYQ

Automobile coil

BYQ01-36



BYQ01-36-01Q

technical parameter		
Rated power	W	20

BYQ05-30

Proportional type



BYQ05-30-01D

technical parameter		
Rated power	W	20

BYQ06-45

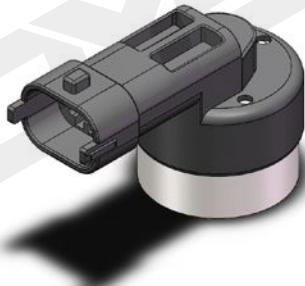


BYQ06-45-01Q

technical parameter		
Rated power	W	19

BYQ04-28

Suitable for automobile high pressure fuel pump



BYQ04-28-01Q

technical parameter		
Rated resistance	Ω	10

BYQ

Automobile coil

Suitable for automobile high pressure fuel pump

BYQ02-24



BYQ02-24-01Q



BYQ02-24-02Q

technical parameter				
Rated power	W	14	Degree of protection	IP67

BYQ03-28



BYQ03-28-01Q



BYQ03-28-02Q



BYQ03-28-03Q



BYQ03-28-04Q

technical parameter				
Rated resistance	Ω	0.52	Degree of protection	IP67

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