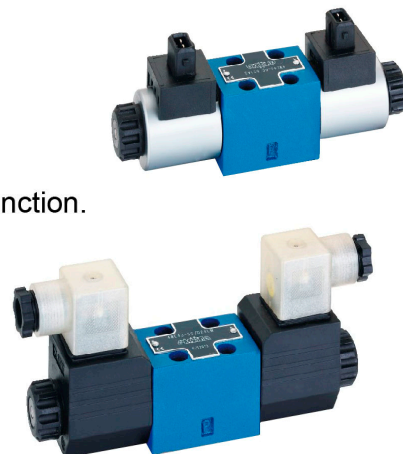


Ningbo Best Industrial Co.,Ltd.

WE4-60 Series Solenoid Operated Directional valve

【Specification】

1. Use sub-plate mounting. According to ISO4401. Min solenoid valve, good function.
 2. Use thread connection for valve. can change coil optionally
 3. Unique waterproof and dust proof characteristics.
 4. Use DIN43650 ISO4400 EN175301--803 standard plug.
- protection grade IP65 and we can also custom more degree, like AMP type
Deutsch plug



【Description】

4	WE	4	E	60	/	D24	H		S
Solenoid directional valve	3Way =3 4Way =4								S: Silver M: Black
									No code=NBR Seals V=FKM Seals
	Size: 4=4 Size								H: DIN43650 Type Plug without lamp L: DIN43650 Type Plug with Lamp F: German standard plug, Deutsch. A: AMP plug, protection grade IP66 D: with two wires D12 =DC12V D24 =DC24V
	Spool Symbols								O=No Spring offset OF=No Spring offset, with fixed position 60Series (4 holes mounting)

【Technical data】

General parameters

Weight (with 2 electromagne)	kg	0.89
Weight (with 1 electromagne)	kg	0.72
Mounting location		anywhere
Ambient temperature	℃	-20~+50

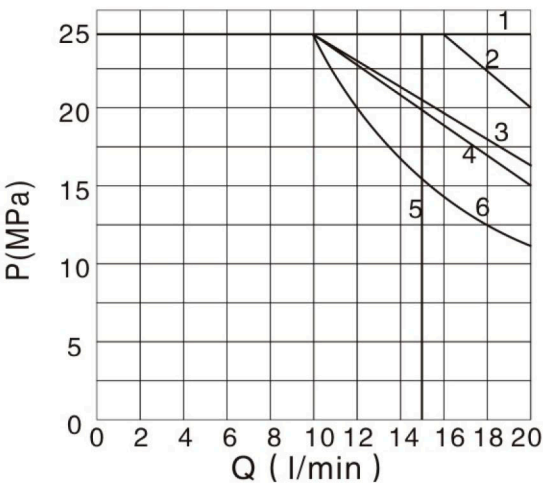
Hydraulic data

Max working oil pressure P.A.B	MPa	31.5
Max oil pressure for T chamber	MPa	18
Max flow	l/min	20
liquid medium		Mineral oil, hydraulic oil
Oil temperature range	℃	-20~+80
Oil cleanliness		ISO4572: β 10 ≥ 75 NAS1638:9
Oil Viscosity		ISO VG32 (5420) cst

Electrical data

Voltage class		DC RAC
Work system	ED	100%
Voltage range	%	-10~+10
Transposition and reset time	ms	on50...90 off40...80 (not include RAC)
Maximum operating frequency	Hz	3
Coil insulation class		H
Coil max working temperature	℃	180
Coil weight	kg	0.215
Power voltage	V	12 24 48 110 R110 R220
Power type		DC DC DC DC AC AC
Power frequency	Hz	50/60 50/60
Loss power	W	26 26 26 26 29 29
Loss power	A	2.18 1.10 0.50 0.26 0.33 0.17
Working current	ohm	5.5 22 89 413 89 413

【Characteristics】



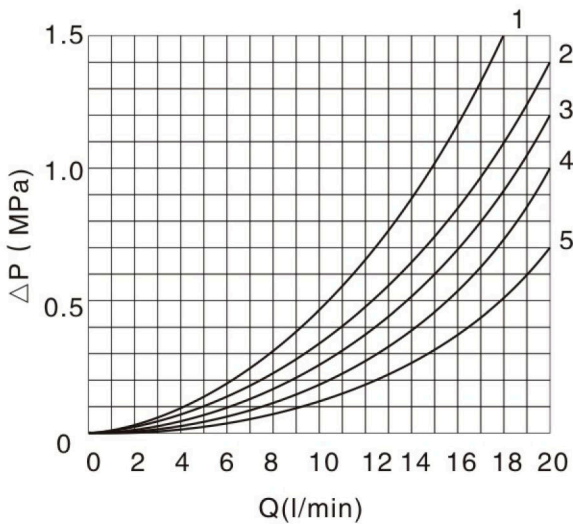
Valve type	Curve
E	1
M	3
W	1
G	4
J	1
U	1
L	1
Y	2 (6*)
D/OF	5

(6*)=Y Use for 2 Way or 3 Way,is number 4 curve.

Test condition:

Performance limits,with standard voltage-10% oil viscosity = 46 mm²/s(40C`)

【 Pressure-drop curve 】



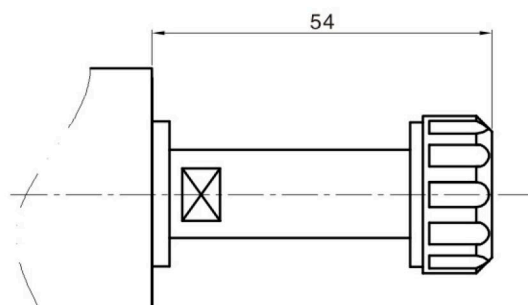
Valve type	Flow direction				
	P→A	P→B	A→T	B→T	P→T
E	2	2	4	4	3
H	4	4	5	5	
W	2	2	5	5	
G	2	2	2	2	1
J	4	4	2	2	
U	3	3	3	3	
L	3	3	5	5	
Y	3	3	4	4	
D/OF	3	3	4	4	
	Curve number				

Test condition:

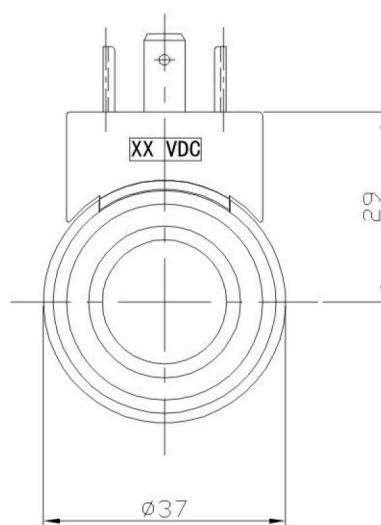
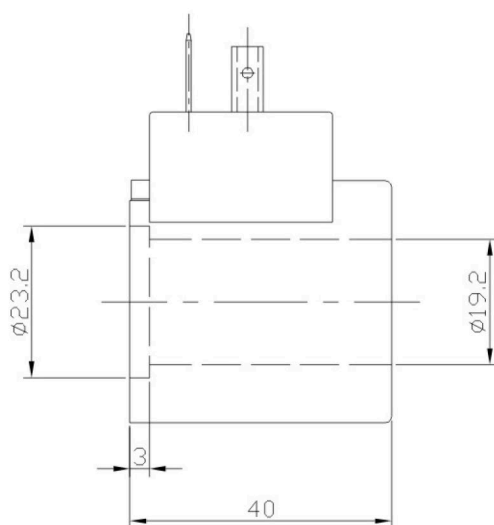
Oil viscosity = 46mm²/s(40C)

【Choice of Plug-in connectors】

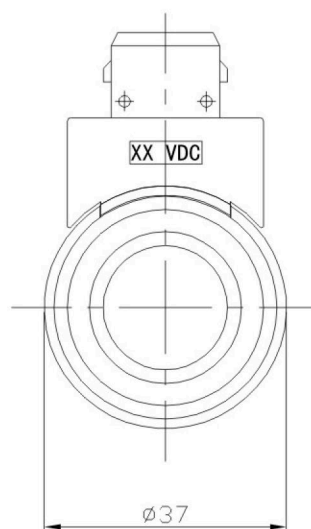
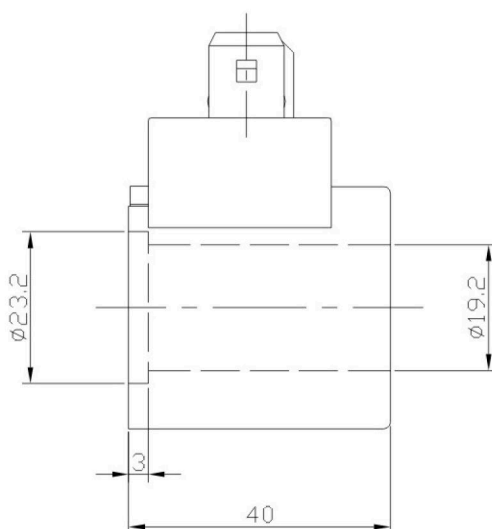
According to different protection degree,
select the appropriate coil



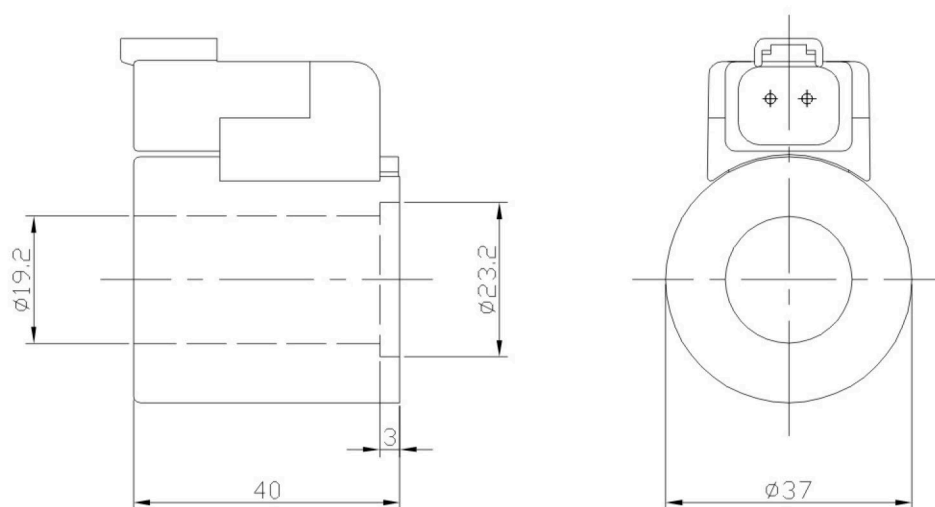
Plug-in connectors to DIN EN 175301-803 and ISO 4400 for component plug



The coil with AMP type plug, protection degree IP67



With DEUTSCH DT 04-2P coil, shell protection degree IP-69K



With radiation coil(350 length,also choose custom)

