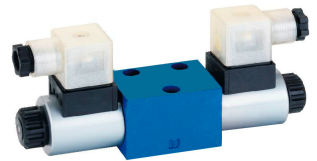


Ningbo Best Industrial Co.,Ltd.

WE4-61 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 plug.
Deutsch plug



【 Description 】

4	WE	4	E	61	/	D24	H		S
3Way =3 4Way =4 Solenoid directional valve Size: 4=4 Size Spool Symbols									S:Silver M:Black
									No code=NBR Seals V=FKM Seals
									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
									O=No Spring offset OF=No Spring offset,with fixed position
61Series (3 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

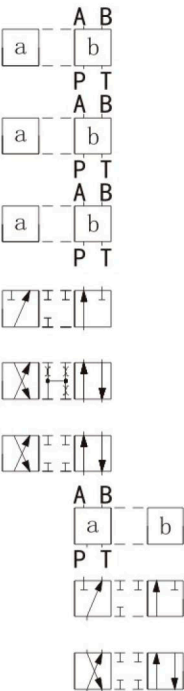
Max working oil pressure P.A.B	MPa	31.5
Max oil pressure for T chamber	MPa	18
Max flow	l/min	20
liquid medium		Mineral oil, hydraulic oil
Oil temperature range	℃	-20~+80
Oil cleanliness		ISO4572: β 10 ≥ 75 NAS1638:9
Oil Viscosity		ISO VG32 (5420) cst

Electrical data

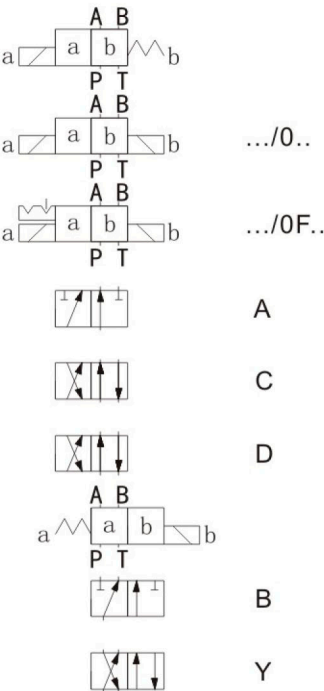
Voltage class		DC RAC					
Work system	ED	100%					
Voltage range	%	-10~+10					
Transposition and reset time	ms	on50...90 off40...80 (not include RAC)					
Maximum operating frequency	Hz	3					
Coil insulation class		H					
Coil max working temperature	℃	180					
Coil weight	kg	0.215					
Power voltage	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

【 Symbol 】

Swap symbol

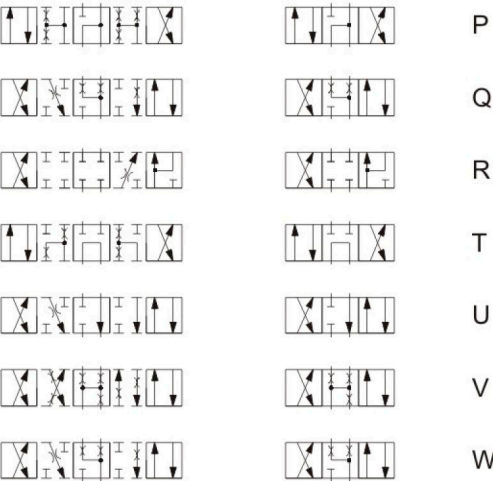
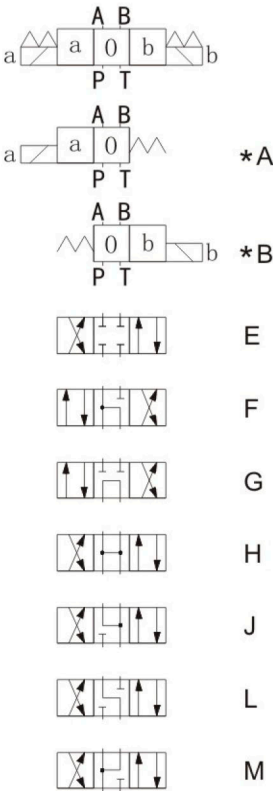
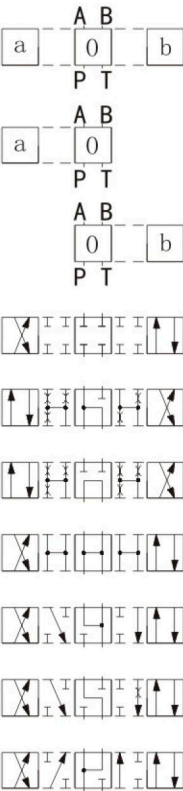


Spool symbol

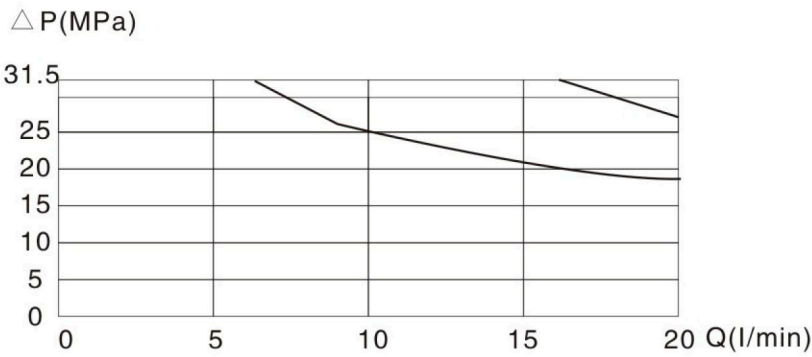


Swap symbol

Spool symbol



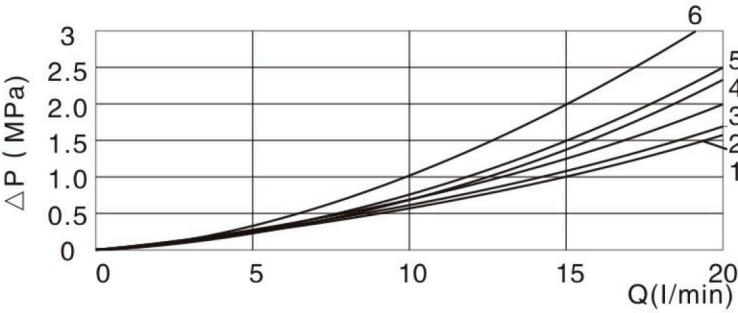
【Characteristics】



Test condition:

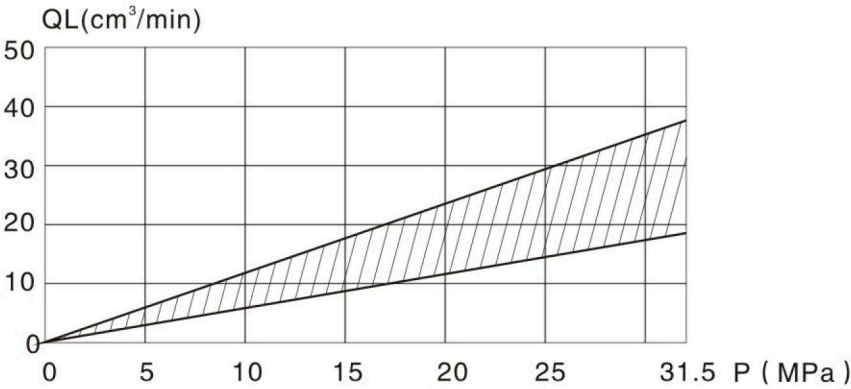
Performance limits,with standard voltage-10% oil viscosity = 46 mm/s(40C)

【 $\Delta P=f(Q)$ pressure drop-flow 】



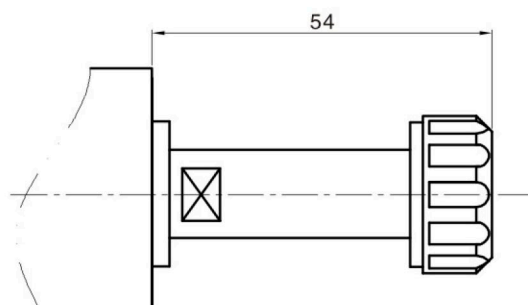
	特 性				
	P-A	P-B	P-T	A-T	B-T
D,Y	5	5	-	2	2
E,EA,EB	5	5	-	2	2
J,JA,JB	5	5	-	1	1
G,GA,GB	4	4	6	2	2
H,HA,HB	4	4	3	2	2
M,MA,MB	4	4	-	2	2

【 $QL=f(P)$. pressure-leakage 】

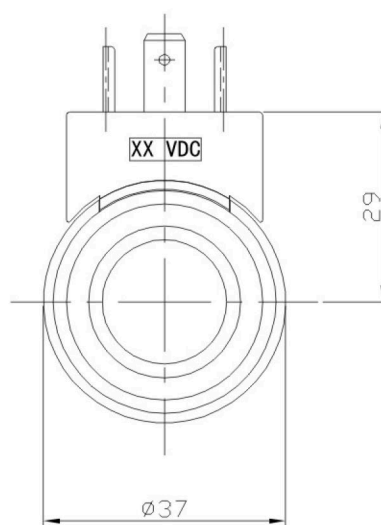
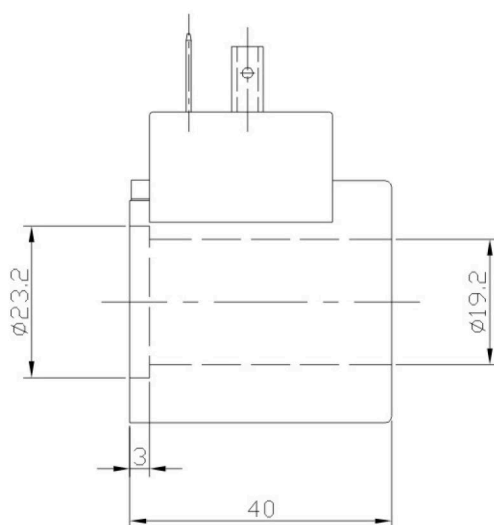


【Choice of Plug-in connectors】

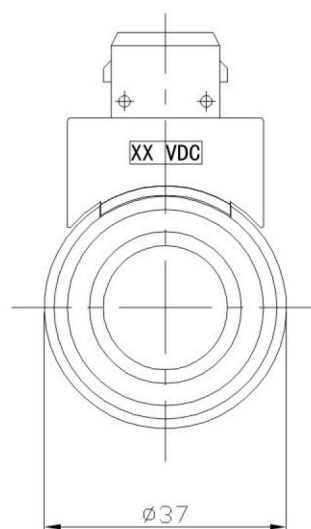
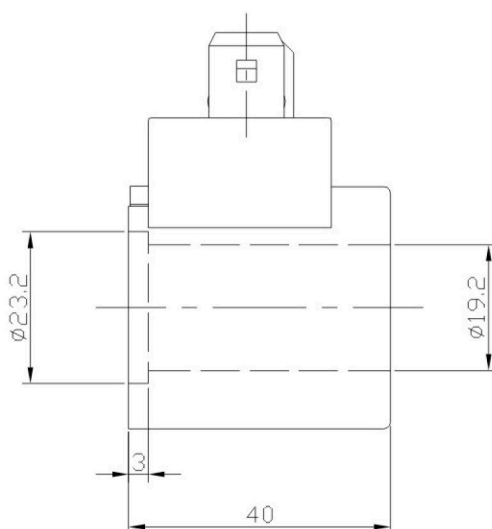
According to different protection degree,
select the appropriate coil



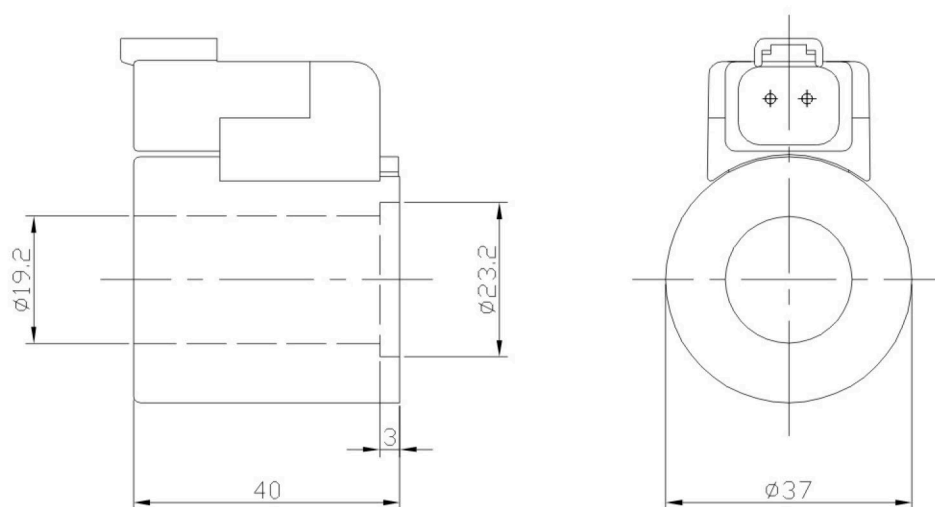
Plug-in connectors to DIN EN 175301-803 and ISO 4400 for component plug



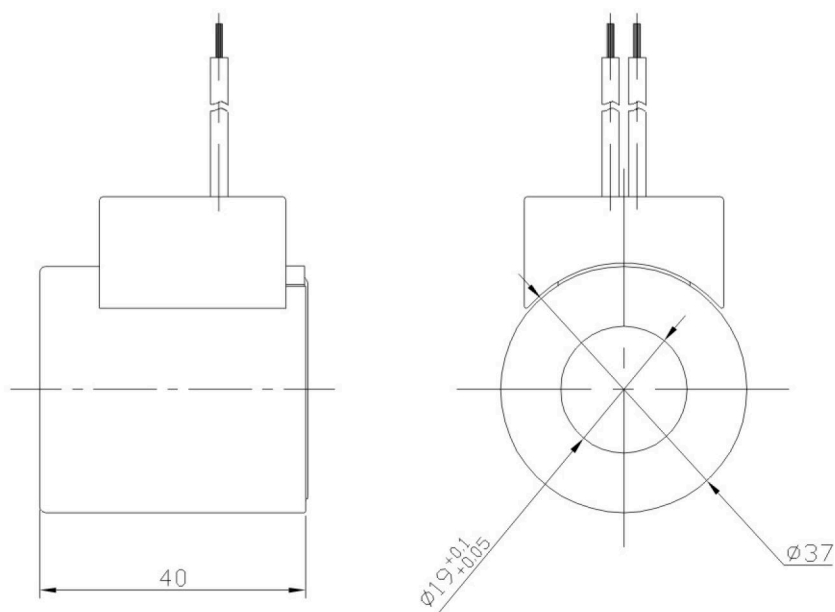
The coil with AMP type plug, protection degree IP67



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



With radiation coil(350 length,also choose custom)



Unit dimensions:

