



电磁方向阀

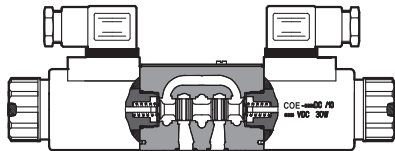
solenoid directional valves

这些阀用于常规液压系统。采用滑阀式结构，有3通和4通，2位和3位多种组合形式可供选择。电磁铁采用螺纹湿式电磁铁，可由交流和直流电源供电。移动部件浸在油中，可得到保护、润滑和缓冲。阀体采用壳体铸造工艺。可互换的阀芯便于组成不同的阀芯机能。

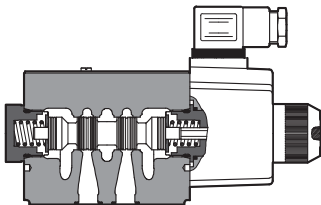
designed to operate in oil hydraulic systems • spool type, 3- or 4-way, 2- or 3-positions • screw-in wet solenoids for AC or DC supply • moving parts protected and lubricated in oil • internal channels in shell-moulding castings • interchangeable spools in many configurations

直动式电磁阀

direct operated solenoid valves



SDHE-07



SDKE-16

SDHE-0 63 1/2 / A - X 24DC **

SDHE-0 = 06通径 Size 06
SDKE-1 = 10通径 Size 10

机能
Configuration

阀芯形式 (1)
Spool type

选项 - Option
A = 电磁铁装于B口侧 (仅对单电磁铁)
solenoid mounted at side of port B (only for single solenoid valves)
WP = 手动推杆采用橡皮帽保护
manual override protected by rubber cap
L1, L2, L3 (SDHE) = 切换时间控制装置
L7, L8 (SDKE) = device for switching time control

设计号
Series number

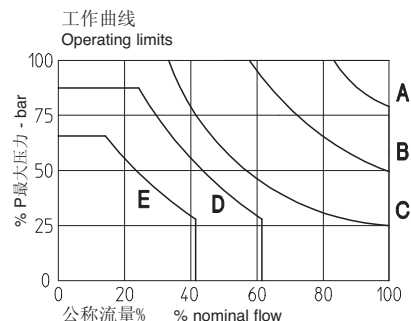
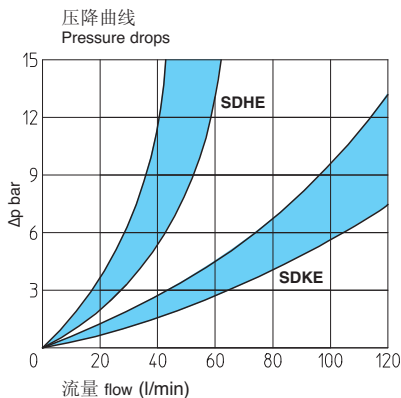
电源电压 (2)
Voltage supply

X = 不带接头 (需单独订购)
without connector (to be ordered separately)
特殊接头线圈
coils with special connectors
XJ = AMP Junior timer接头
AMP Junior timer connector
XK = 德式接头
Deutsch connector
XS = 导线接头
Lead wire connection

基本参数

Basic data

型号 Model	SDHE-DC	SDHE-AC	SDKE-DC	SDKE-AC
尺寸 Size	06	06	10	10
工作流量 Nominal flow	l/min	60	60	120
P最大压力 Pmax bar	P, A, B 口	350	350	315
	T 口	210	160	120
功率 Electrical power		30 W	58 VA	36 W
			36 W	100 VA



基本机能/阀芯形式 SDHE, SDKE

Basic configuration / spool type

符号 Symbol	型号 Code	4通型阀性能, 见曲线图 Performance for 4 way operation, see curves on diagrams		型号 Code	符号 Symbol
		06通径 Size 06	10通径 Size 10		
	- 631/2	B	A	-751/2	
	- 610	B	A	-710	
	- 611	B	A	-711	
	- 613	C	B	-713	
	-618	E	D	-714	

阀注释:

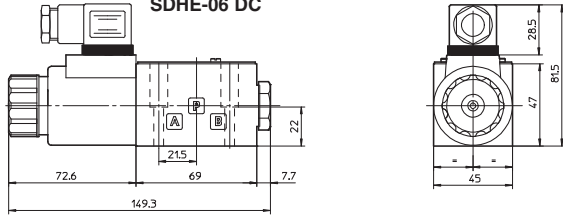
- 阀芯可互换，可提供不同的结构机能。
- 电源供电电压：
VDC: 12, 14, 24, 28, 110, 220 VAC: 110, 230 50/60 Hz
- 该段代码表示叠加阀所作用的油口
011, 031 = P 口; 002, 012 = A 和 B 口;
003, 013, 033 = A 口; 004, 014 = B 口;
015 = A 和 B 口交替溢流; 016 = T 口;
022, 023, 024 = 同 012, 013, 014 但控制进口流量
- 压力范围 (bar):
SHMP, SKM = 50, 100, 210, 350
SHG = 32, 50, 75, 100, 210 SKG = 100, 210

notes for valves

- Spools are interchangeable; different configurations are normally available
- Standard voltages:
VDC: 12, 14, 24, 28, 110, 220 VAC: 110, 230 50/60 Hz
- Suffixes indicate ports of subplate where valve operation is effective
011, 031 = on P port; 002, 012 = on A and B port;
003, 013, 033 = on A port; 004, 014 = on B port;
015 = on A and B port with crossed discharge; 016 = on T port;
022, 023, 024 = as 012, 013, 014 but control of flow entering the actuator
- Pressure range (bar):
SHMP, SKM = 50, 100, 210, 350 SHG = 32, 50, 75, 100, 210 SKG = 100, 210

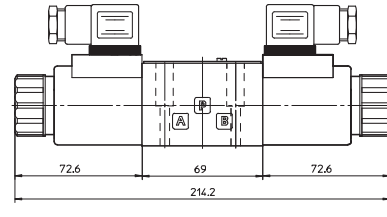
SDHE

SDHE-06 DC



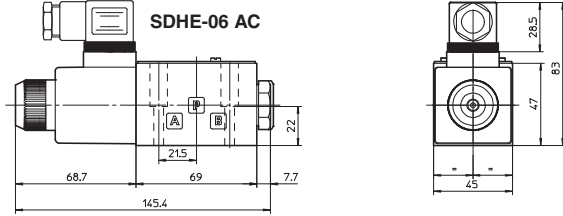
质量 Mass: 1,5 kg

SDHE-07 DC



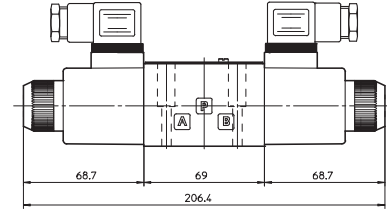
质量 Mass: 1,8 kg

SDHE-06 AC

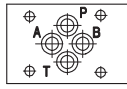


质量 Mass: 1,5 kg

SDHE-07 AC



质量 Mass: 1,8 kg



安装界面
ISO 4401-03-02-0-05

紧固螺钉: 4个内六角螺栓 M5x30
O型密封圈: 4个 108
P,A,B,T口尺寸: $\varnothing = 7.5$ mm (max)

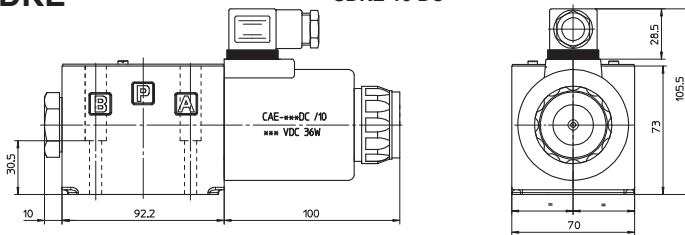
Mounting surface
ISO 4401-03-02-0-05

Fastening bolts: 4 socket head screws M5x30
Seals: 4 OR 108
Ports P,A,B,T: $\varnothing = 7.5$ mm (max)

P = 压力油口 PRESSURE PORT
A, B = 工作油口 USE PORT
T = 回油口 TANK PORT

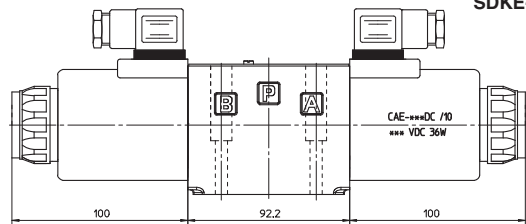
SDKE

SDKE-16 DC



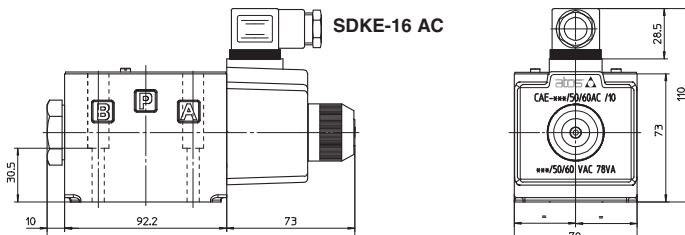
质量 Mass: 3,8 kg

SDKE-17 DC



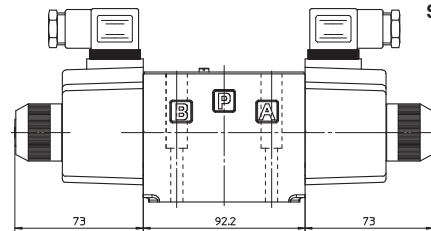
质量 Mass: 4,4 kg

SDKE-16 AC

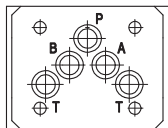


质量 Mass: 4,9 kg

SDKE-17 AC



质量 Mass: 6,1 kg



安装界面
ISO 4401-05-04-0-05

紧固螺钉: 4个内六角螺栓M6x40
O型密封圈: 5个 2050.1个 108
P,A,B,T口尺寸: $\varnothing = 11.5$ mm (max)
Y口尺寸: $\varnothing = 5$ mm

Mounting surface
ISO 4401-05-04-0-05

Fastening bolts: 4 socket head screws M6x40
Seals: 5 OR 2050.1 OR 108
Ports P,A,B,T: $\varnothing = 11.5$ mm (max)
Ports Y: $\varnothing = 5$ mm

P = 压力油口 PRESSURE PORT
A, B = 工作油口 USE PORT
T = 回油口 TANK PORT

特殊接头线圈

Coils with special connectors

DIN 43650 插头
DIN 43650 connector

X

保护等级IP65
Protection degree IP65

插头需单独订货
connectors to be ordered separately

AMP Junior timer接头
AMP Junior Timer connector

XJ

保护等级IP67
Protection degree IP67

德式接头DT-04-2P
Deutsch connector DT-04-2P

XK

保护等级IP67
Protection degree IP67

导线接头
Lead Wire connection

XS

电缆长度=180 mm
cable length = 180 mm

线圈电气连接为XJ, XK和XS型时不随货提供插头

Note: the coils with electrical connections type XJ, XK and XS are supplied without interface connector