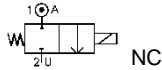


Media: air – water – gas – light oil - vacuum
 Pressure range: 0 to 30 Bar max
 Media temperature: 145°C max*
 Ambient temperature: -15° to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: any position
 Weight (including coil): 200g
 Open 5 to 20ms, Close 10 to 40ms



2/2 Brass

1/8 – 1/4

N/CLOSED

2 WAY DIRECT ACTING

0 – 30 Bar

TYPE BS0406



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/min	Min	Pressure (Bar) Max				Seal	Part Number (Replace xx with port size)
				6 Watt Coil 2		5.2 Watt ATEX Coil 2E			
				AC	DC	AC	DC		
1/8 (04)	1.0	0.5	0	30	30	30	30	NBR -5°C to +80°C	BSxx12 + seal + voltage
	1.3	0.8	0	30	24	30	30		BSxx22 + seal + voltage
	1.6	1.5	0	30	20	30	24		BSxx32 + seal + voltage
1/4 (06)	2.0	2.3	0	16	11	17	14	FKM + EPDM -10°C to +80°C	BSxx42 + seal + voltage
	2.5	3	0	10	7	10	8		BSxx52 + seal + voltage
	3.0	4.5	0	6	4	7	5		BSxx62 + seal + voltage
Port BSP	Orifice	Flow	Min	6.8 Watt Coil 3		Seal	Part Number		
				AC	DC				
1/8 (04)	1.0	0.5	0	30	30	NBR -5°C to +80°C	BSxx13 + seal + voltage		
	1.3	0.8	0	30	30		BSxx23 + seal + voltage		
	1.6	1.5	0	30	30		BSxx33 + seal + voltage		
1/4 (06)	2.0	2.3	0	22	20	FKM + EPDM PTFE + FFKM -10°C to +145°C	BSxx43 + seal + voltage		
	2.5	3	0	12	10		BSxx53 + seal + voltage		
	3.0	4.5	0	8	8		BSxx63 + seal + voltage		

OPTIONS

IP65 coil & Connector PG9 – DIN 43650
 NPT Thread
 ATEX 22002EX Coil 2E: 5.2W ATEX EExmIIT4 II 2G & 2D IP65 T130°C
 EPDM (J) or FKM (V) seal
 PTFE (T) seal 2.5mm Max
 FFKM (Kalrez Z)

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%	Coil	Power Consumption	Insulation class	Enclosure	Electrical connections
~ 24 - 48 - 110 - 230 (50 or 60 Hz)	Coil 2 22mm 22001/5	6.9VA	F 155°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
= 12 - 24 - 48		6 Watts			
~ 24 - 48 - 110 - 230 (50 or 60 Hz)	Coil 3 30mm 22002/6	8VA			
= 12 - 24 - 48		6.8 Watts			

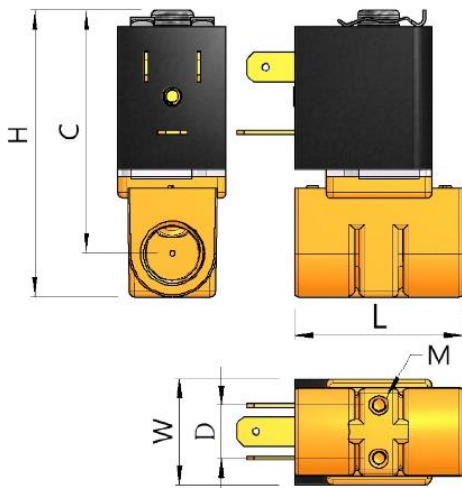
CONSTRUCTION

Body: Brass, Tube and internal parts: Stainless steel, Seals and gaskets: NBR, EPDM, FKM, PTFE or FFKM
 Moulded coil: Resin

REPAIR KIT

Coil	Coil 2 (22001/5) or Coil 3 (22002/6) + voltage
Complete plunger assembly	KIT + valve part number - armature

OVERALL DIMENSIONS



Body	L	W	H	C	D	M	Kg
BS03	35	22 or 30	60	51	11	M3	0.2
BS06							

