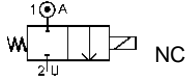


Media: air – water – gas – light oil - vacuum
 Pressure range: 0 to 30 Bar max
 Media temperature: +145°C max*
 Ambient temperature: -15° to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: any position
 Open 5 to 20ms, Close 10 to 40ms



2/2 Brass
M5 – 1/8
NORMALLY CLOSED
2 WAY DIRECT ACTING
0 – 30 Bar
TYPE BS0103



PRESSURE

Ø Port	Ø Orifice (mm)	Flow Ltr/min	Min	Pressure (Bar) Max				Seal	Part Number (Replace xx with port size)
				6 Watt Coil 2		ATEX Coil 2E			
				AC	DC	AC	DC		
M5 (01)	1.0	0.5	0	30	30	30	30	NBR -5°C +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
1/8 (03)	2.0	2.3	0	16	11	17	14	FKM + EPDM -10°C +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	PTFE + FFKM -20°C +80°C	BSxx62 + seal + voltage
	5.0	6.7	0	1	0.2	1	0.1		BSxx72 + seal + voltage

Ø Port	Ø Orifice	Flow	Min	6.8 Watt Coil 3		Seal	Part Number
				AC	DC		
				M5 (01)	1.0		
1.3	0.8	0	30		30	BSxx23 + seal + voltage	
1.6	1.5	0	30		30	BSxx33 + seal + voltage	
1/8 (03)	2.0	2.3	0	22	20	FKM + EPDM	BSxx43 + seal + voltage
	2.5	3	0	12	10		PTFE + FFKM -10°C +145°C
	3.0	4.5	0	8	8	BSxx63 + seal + voltage	
	5.0	6.7	0	2	0.5	BSxx73 + seal + voltage	

OPTIONS

IP65 coil & Connector PG9 – DIN 43650
 NPT Thread
 ATEX 22002EX Coil 2E: ATEX 5.2W EExmII T4 II 2G & 2D IP65 T130°C
 EPDM (J) or FKM (V) seal
 PTFE (T) seal 2.5mm max
 FFKM (Kalrez Z) seal 3mm max

ELECTRICAL DATA

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

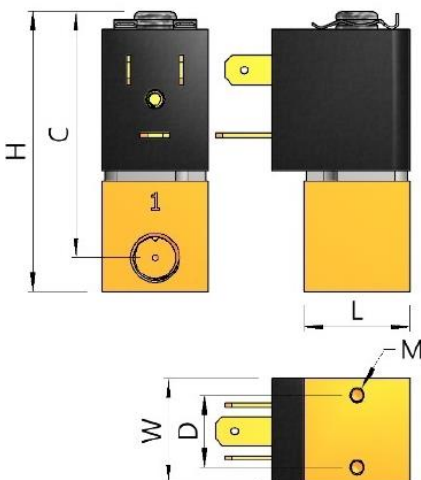
CONSTRUCTION

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

REPAIR KIT

Coil	Coil Size (2 or 3) + voltage
Complete plunger + O' rings	KIT + valve part number

OVERALL DIMENSIONS



Body	L	W	H	C	D	M	Kg
BS01	22	22 or 30	54	49	15	M3	0.48
BS03	22	30	58	51	15	M3	0.49

