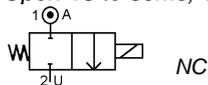


Media: fluids – gases – light oil - vacuum
 Pressure range: 0 to 40 Bar max
 Media temperature: 185°C max*
 Ambient temperature: -10°C to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: any position
 Open 15 to 30ms, Close 30 to 60ms



2/2 Brass

0 – 40 Bar

NORMALLY CLOSED

2 WAY DIRECT ACTING

1/8 – 1/2

TYPE ZS



PRESSURE

Port xx	Ø Orifice (mm)	Flow Kv Ltr/min	Pressure Rating (Bar)						Seals	Part Number (Replace xx with port size)	
			Min	15 Watt 22003 coil 4		18.5 Watt 22005 coil 5		ATEX			
				AC	DC	AC	DC	AC			DC
1/8 (03)	1.6	2	0	30	20			25	20	15W Coil 4 NBR -5 to +80°C	ZSxx14 + seal + voltage
	2.0	3	0	24	14			16	12		ZSxx24 + seal + voltage
	2.5	4	0	17	10			10	8		ZSxx34 + seal + voltage
	3.0	6	0	10	6			7	6		ZSxx44 + seal + voltage
1/4 (06)	4.0	8.8	0	8	4			4.5	3.5	EPDM FKM -10 to +145°C	ZSxx54 + seal + voltage
	5.0	13.8	0	6	2			2.5	2		ZSxx64 + seal + voltage
3/8 (10)	1.6	2	0			40	30			18.5W Coil 5 NBR -5 to +80°C	ZSxx15 + seal + voltage
	2.0	3	0			30	28				ZSxx25 + seal + voltage
1/2 (15)	2.5	4	0			24	20			EPDM/ FKM -10 to +145°C Ruby/PTFE +185°C	ZSxx35 + seal + voltage
	3.0	6	0			16	13				ZSxx45 + seal + voltage
	4.0	8.8	0			12	8				ZSxx55 + seal + voltage
	5.0	13.8	0			9	5				ZSxx65 + seal + voltage

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A
 NPT Thread
 Explosion proof coil 22003EX: EExmIIT4 II ATEX IP65 T 135°C
 Ruby seals (R)
 EPDM (J) or FKM (V) seals
 3/4 BSP Ports ZS20X, PTFE sealing or special options available on request.

Included

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%	Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
		Inrush	Holding			
~ 24 – 48 – 110 – 230 (50 or 60 Hz)	Coil 4 22003	23VA	17VA	H 180°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
= 12 – 24		15 Watts				
~ 24 – 110 – 230 – 380 (50 or 60Hz)	Coil 5 22005	33VA	24VA			
= 12 – 24		18.5 Watts				

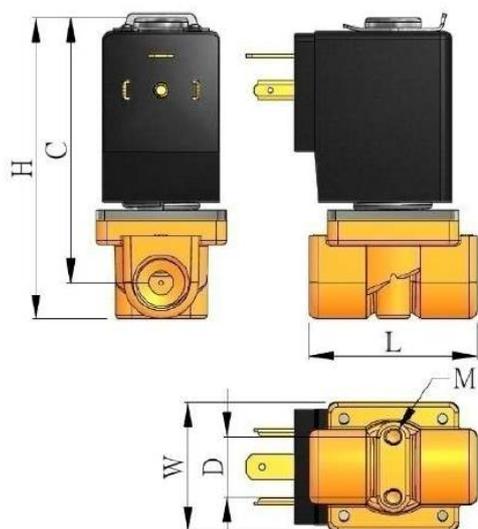
CONSTRUCTION

Body: Brass, Tube and internal parts: Stainless steel
 Seals and gaskets: NBR (Optional EPDM, FKM or Ruby)
 Moulded coil: Duroplast / Thermo set resin

REPAIR KIT

Coil	Coil size (22003 or 22005) + voltage
Armature	SP + valve part number - ARMATURE

OVERALL DIMENSIONS



Model	L	W	H	C	D	M	Kg
3/8	41	32 or	74.5	66	16	M3	0.45
1/2	51.5	36	80.5	68	19	M4	0.43

