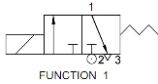


Media: air – water – gas – light oil - vacuum
 Pressure range: 0 to 12 Bar max
 Media temperature: -20°C to +185°C max*
 Ambient temperature: -15°C to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: any position
 Weight (including coil) 850g
 Open 20 to 60msec, Close 40 to 120mSec



3/2 Stainless

1/4 - 3/8 (1/8 Exhaust)

NORMALLY CLOSED

3 WAY DIRECT ACTING

0 – 12 Bar

TYPE ST08/10



PRESSURE

Ø Port BSP	Ø Orifice (mm)		Flow Kv Ltr/Min	Vacuum Torr	Pressure Rating (Bar)		Seals	Part Number
	Body	Top			22003 Coil 4	ATEX Coil 22003EX		
1/4 (08)	1.3	1.6	0.71	10 ⁻² Torr Vacuum	9	8	NBR -5 +80°C	STxx14 + seal + voltage
	1.6		1.43		7	6		STxx24 + seal + voltage
	2.0	2.0	2.14		5.5	5		FKM, EPDM -10°C +145°C
	2.5	2.5	2.86		4	3	STxx44 + seal + voltage	
	3.0	3.0	4.43		2.5	2	STxx54 + seal + voltage	
	4.0		7.29		1.5	1.5	FFKM -20°C +160°C	STxx64 + seal + voltage
5.0	9.29	1	0.8	STxx74 + seal + voltage				
1/4 (08) 3/8 (10)	Body	Top	Flow	Vacuum Torr	22005 Coil 5		NBR -5 +80°C	Part Number
	1.3	1.6	0.71	10 ⁻² Torr Vacuum	12	8.5		
	1.6		1.43		7	7	STxx25 + seal + voltage	
	2.0	2.0	2.14		5.5	5.5	STxx35 + seal + voltage	
	2.5	2.5	2.86		4	4	STxx45 + seal + voltage	
	3.0	3.0	4.43	10 ⁻¹ Torr	2.5	2.5	*FFKM -20°C +185°C	STxx55 + seal + voltage
	4.0		7.29		1.5	1.5		STxx65 + seal + voltage
	5.0		9.29		1.5	1.5		STxx75 + seal + voltage

OPTIONS

IP65 Coil and Connector PG9 DIN43650A
 NPT Thread
 ATEX 22003EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C
 FKM (V) or EPDM (J) seal
 FFKM (Kalrez) (Z) seal
 Silver shading ring for pure or RO water
 Exhaust Accessories STxxxxF = 1/8 BSP female Exhaust
 Exhaust Accessories STxxxxP = 1/8 PT Male Exhaust
 Exhaust Accessories STxxxxC = Anti Dust Silent Cap

Included

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil	Power Consumption	Insulation class	Enclosure	Electrical connections
~	12-24-48-110-230-380 (50/60 Hz)	22003	18VA	H 180°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12-24-48-110-220 (DC)	Coil 4	15 Watts			
~	24 - 48 - 110 - 230 (50 or 60 Hz)	22005	24VA			
=	12 - 24 - 48 - 110 - 220(DC)	Coil 5	18.5 Watts			

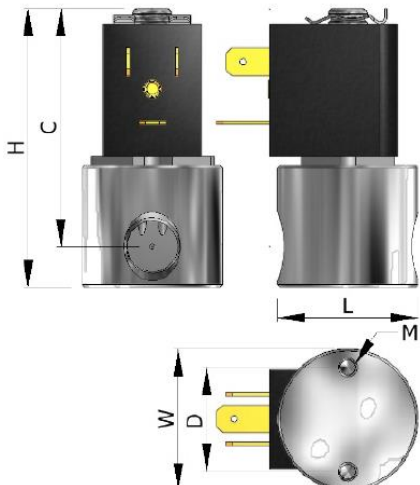
CONSTRUCTION

Body: AISI303 Stainless steel, Tube and internal parts: AISI304 stainless steel, Head & plunger: AISI 430Fr Stainless steel
 Seals and gaskets: NBR (Optional EPDM (J), FKM (V), FFKM (Z))
 Moulded coil: Duroplast / Thermo set resin
 Exhaust 1/8 BSP Female (F) see options above

REPAIR KIT

Coil	Coil size 22003(4) or 22005(5) + voltage
Complete plunger + O' rings	SP + Valve Part Number -ARMATURE

OVERALL DIMENSIONS



Port	L	H	C	D	M	A	KG
1/4	40	86	75	31	M5x0.8	22	0.58
3/8	42	87					0.6

EXHAUST PARTS



OPTION ACCESSORY Bracket (For Opposite Fixed Hole only)

