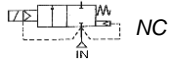


Media: air – water – gas – light oil - steam  
 Pressure range: 0.3 to 20 Bar max  
 Media temperature: -10°C +185°C max\*  
 Ambient temperature: -20° to +60°C  
 Media viscosity: 50 centistokes max  
 Mounting: coil upright  
 Weight: 550g  
 Opening / Closing 5 – 40 mSec Max



**2/2 Brass**  
**3/8 – 1/2**  
**N/CLOSED**  
**2 WAY SERVO ASSISTED**  
**0.3 – 20 Bar**  
**TYPE YA/YS**



**PRESSURE**

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Pressure Rating (Bar) Δp 15 Watt Coil 4			Seals	Part Number
			Min	Max AC	Max DC		
3/8	12	32	0.3	16	10	NBR +95°C	YA10C4 + seal + voltage
1/2	12	43	0.3	16	10	EPDM, Viton +120°C	YA15C4 + seal + voltage
3/8	12	32	0.3	5	2	PTFE +185°C	YS10C4T + voltage
1/2	12	43	0.3	5	2		YS15C4T + voltage
<b>18.5 Watt Coil 5</b>							
3/8	12	32	0.3	20	12	NBR +95°C	YA10C5 + seal + voltage
1/2	12	43	0.3	20	12	EPDM, Viton +145°C	YA15C5 + seal + voltage
3/8	12	32	0.3	10	7	PTFE +185°C	YS10C5T + voltage
1/2	12	43	0.3	10	7		YS15C5T + voltage
<b>10.1 Watt ATEX Coil 3E</b>							
3/8	12	32	0.3	5	5	NBR +95°C	YA10C4E + seal + voltage
1/2	12	43	0.3	5	5	EPDM, Viton +145°C	YA15C4E + seal + voltage
3/8	12	32	0.3	5	5	PTFE +160°C	YS10C4ET + voltage
1/2	12	43	0.3	5	5		YS15C4ET + voltage

**OPTIONS**

IP65 Coil + Connector PG9 – DIN 43650 A  
 Explosion Proof Coil 3E 22003EX: EExmII T4 II ATEX 2G IP65 T 130°C ⚠  
 NPT Thread  
 Seals: EPDM (J) or Viton (V)

**ELECTRICAL DATA**

Voltage (-10% + 10%) Continuous duty 100%		Coil	Power	Insulation class	Enclosure	Electrical connections
~	24 - 48 - 110 - 220 - 380 (50 or 60 Hz)	Coil 4 22003	19.5VA	H 180°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 - 24 - 48 (DC)		15 Watts			
~	24 - 48 - 110 - 230 (50 or 60 Hz)	Coil 5 22005	23VA			
=	12 - 24 - 48 (DC)		18.5 Watts			

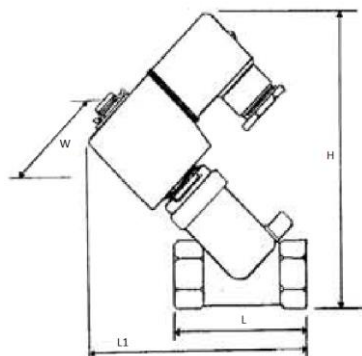
**CONSTRUCTION**

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

**REPAIR KIT**

Coil	22005 + voltage
Complete plunger + O' rings	KIT + valve part number

**OVERALL DIMENSIONS**



Model	L	L1	H	W	Kg
YA/YS	60	95	123	30 or 36	0.55