

Media: air – water – gas – light oil  
 Pressure range: 1 to 16 Bar max  
 Media temperature: -10°C +80°C max  
 Ambient temperature: -10°C to +55°C  
 Media viscosity: 21 centistokes max  
 Mounting: preferred upright  
 Weight 250g



# 2/2 Brass & Stainless

1/8 – 1/4  
 24v PROPORTIONAL  
 2 WAY SERVO ASSISTED  
 1 – 16 Bar



### PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/Min	Pressure Rating (Bar) ΔP		Seals	Body	Part Number
			Min	Max			
1/8 or 1/4	0.8	0.6	16	19.2	NBR FKM EPDM	Brass Stainless Aluminium	PR2 + port + 1 + seal PR3 + port + 1 + seal PR5 + port + 1 + seal
	1.2	1.1	12	14.4		Brass Stainless Aluminium	PR2 + port + 2 + seal PR3 + port + 2 + seal PR5 + port + 2 + seal
	1.6	1.7	10	12		Brass Stainless Aluminium	PR2 + port + 3 + seal PR3 + port + 3 + seal PR5 + port + 3 + seal
	2.0	2.5	8	9.6		Brass Stainless Aluminium	PR2 + port + 4 + seal PR3 + port + 4 + seal PR5 + port + 4 + seal
	2.4	3.5	6	7.2		Brass Stainless Aluminium	PR2 + port + 5 + seal PR3 + port + 5 + seal PR5 + port + 5 + seal
	3.0	4.5	3.5	4.2		Brass Stainless Aluminium	PR2 + port + 6 + seal PR3 + port + 6 + seal PR5 + port + 6 + seal
	4.0	5	2	2.4		Brass Stainless Aluminium	PR2 + port + 7 + seal PR3 + port + 7 + seal PR5 + port + 7 + seal

### OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A  
 NPT Thread

Included  
+ 10%

### ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%	Coil	Power Consumption	Insulation class	Enclosure	Electrical connections
= 24 V pilot signal	11630 24vDC	100-500 mAmp	F 155°C	IP 65	3 spades DIN 43650 DIN 40050 VDE 0110

### CONSTRUCTION

Body: Brass (Aluminium and 316L Stainless steel)  
 Tube and internal parts: Stainless steel  
 Seals and gaskets: NBR (FKM or EPDM)  
 Moulded coil: Resin

### Selection Guideline

Special consideration must be given to valve selection based on Cv. ΔP pressure drop should be 30-50% or more. Maximum pressure should be 1.2 times working pressure with max pressure top adjustment screw. Inlet pressure needs to remain constant.

### OVERALL DIMENSIONS

