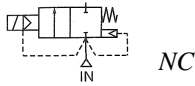


Media: air, water, steam, gas, fluid
 Pressure range: 0.3 to 16 Bar max*
 Media temperature: -15 °C to +200 °C Max*
 Ambient temperature: 0 °C to +60 °C
 Media viscosity: 50 centistokes max
 Cycle life: 500,000 cycles
 Opening / Closing time: 3 - 5 Sec

2/2 Stainless Steel 316


DN50 – DN300
 NORMALLY CLOSED
 2 WAY SERVO ASSISTED
 0.3 – 16* Bar
 TYPE BFE-SS



PRESSURE

Ø Port PN16	Ø Orifice (mm)	Flow Cv	Pressure Rating (Bar) ΔP		Seals	Part Number
			Min	Max		
DN50	50	37	0.3	10*	NBR (80°C) FKM (100°C) *FFKM (200°C)	BFE50SS + seal + voltage
DN65	65	85	0.3	10*		BFE65SS + seal + voltage
DN80	80	110	0.3	10*		BFE80SS + seal + voltage
DN100	100	150	0.3	10*		BFE100SS + seal + voltage
DN125	125	230	0.3	10*		BFE125SS + seal + voltage
DN150	150	450	0.3	10*		BFE150SS + seal + voltage
DN200	200	580	0.3	10*		BFE200SS + seal + voltage
DN250	250	910	0.3	10*		BFE250SS + seal + voltage
DN300	300	1300	0.3	10*		BFE300SS + seal + voltage

OPTIONS

IP65 Coil & Connector PG 11 – DIN 43650A
 Manual Over ride lever valve
 ATEX EExmIIT4 II 2G & 2D IP65 T130°C coil. 
 *16 Bar solenoid controller with M17 high power coil
 Special 200°C steam rated solenoid controller and pipework with M17 coil
 Other custom FFKM seals +200C steam, media, seals, pressure and size options available upon request

ELECTRICAL DATA

Voltage (-10% +10%) Continuous Duty 100%	Coil	Power Consumption		Insulation Class	Enclosure	Electrical Connections
		Inrush	Holding			
~ 24 – 110 – 230 (50 or 60 Hz)	M16	70 VA	35 VA	F 155 °C	IP65 with connector	3 spades DIN 43650 DIN40050 VDE0110
= 12 – 24		26 Watts				
~ 110 – 230 (50 or 60 Hz)	*M17	35VA	26VA	N 200 °C		
= 24		19 Watts				

CONSTRUCTION

Body & Piston: 316 Stainless Steel (100% Pressure tested to 35 bar)
 Seat + Shaft: Stainless steel
 Bolts: Stainless Steel
 Spring: Stainless steel
 Ports: Flanged PN16 RF
 Seals and gaskets: Viton +100°C or NBR +80°C Max
 Control pipe work circuit + fittings: 304 stainless steel

REPAIR KIT

Piston U Ring	SP + Valve Part Number + U RING
External Control pipework	BFESS-NC + seal –PIPEWORK + voltage

OVERALL DIMENSIONS

Port	L	A	Kg
DN50	190	187	12
DN65	210	192	15
DN80	225	210	18
DN100	250	222	24
DN125	280	235	32
DN150	310	260	44
DN200	420	300	87
DN250	470	335	152
DN300	530	370	202