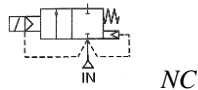


Media: Water or Fluid
 Pressure range: 0.7 to 16 Bar max*
 Media temperature: -15°C to +200°C Max*
 Ambient temperature: 0°C to +60°C
 Media viscosity: 50 centistokes max
 Cycle life: 500,000 cycles
 Opening / Closing time: 3 - 5 Sec



2/2 Stainless Steel 316

DN50 – DN300

NORMALLY CLOSED

2 WAY SERVO ASSISTED

0.7 – 16* Bar

TYPE BFE-SS



PRESSURE

Ø Port PN16	Ø Orifice (mm)	Flow Kv L/min	Pressure Rating (Bar) ΔP		Seals	Part Number		
			Min	Max				
DN50	50	1072.5	0.7	10*	NBR (80°C) FKM (100°C) *FFKM (200°C)	BFE50SS + seal + voltage		
DN65	65	1501.5	0.7	10*		BFE65SS + seal + voltage		
DN80	80	2002	0.7	10*		BFE80SS + seal + voltage		
DN100	100	3718	0.7	10*		BFE100SS + seal + voltage		
DN125	125	5577	0.7	10*		BFE125SS + seal + voltage		
DN150	150	7865	0.7	10*		BFE150SS + seal + voltage		
DN200	200	14300	0.7	10*		BFE200SS + seal + voltage		
DN250	250	22880	0.7	10*		BFE250SS + seal + voltage		
DN300	300	31460	0.7	10*		BFE300SS + seal + voltage		

OPTIONS

IP65 Coil & Connector PG 11 – DIN 43650A and Manual Override ATEX EExmII T4 II 2G & 2D IP65 T130°C coil. ☹️ *16 Bar solenoid controller with M17 high power coil Other custom options for media, seals, pressure and size options available upon request	Included TBA
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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				

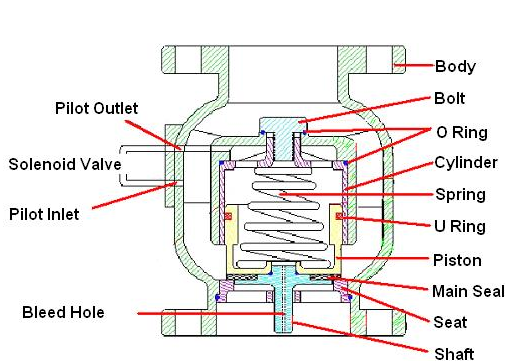
CONSTRUCTION

Body & Piston: 316 Stainless Steel (100% Pressure tested to 32 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

Body seal kit	BFE + Port + seal material - KIT
Solenoid valve controller	BFESS-NC + seal material + 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

