Actions, descriptions and general features across y closed (N.C, closed when de-energised) t toperated sitions] 10/8' up to 61° arnale), 6 (BSPP / ISO 228-1) 	DIRECT OF ERATED, N.C. 2/2 WAT, 01/6 0	P TO G1", -1 TO 4 BAF	2	
aseous ty Closed (N.C, Closed when de-energised) ct Operated solutions] B1/8" up to G1" emax. 80°C C to max. 70°C 2/s re or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) s de range of pressure ratings, wide range of orifice options my position but preferably solenoid coit vertical on top Wesser Mark Mark Mark Mark Mark Mark Mark Mark	TECHNICAL SPECIFICATIONS, DESCRIPTIONS and GENERAL FEATU	IRES		2
Ly Closed (N.C, Closed when de-energised) ct Operated ositions] G1/8" up to G1" anale), G (BSPP / ISO 228-1) max. 80°C C to max. 70°C 2/s re or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) S de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top Pressure: 10 bar bight voltage tolerance t dismantling the valve (don't matter AC or DC) S de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top	Fluids: Air. Inert das etc daseous			T W
ct Operated   bositions)   G1/8" up to G1"   emale), G (BSPP / ISO 228-1)   o max. 80°C   C to max. 70°C   2/s re or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) s de range of pressure ratings, wide range of orifice options ny position but preferably solenoid coil vertical on top Very Corification: Very Corification: Very Corification: Very Corification: Coll Register: Solution: Very Corification: Solution: Solution: Coll Register: Solution: Solution: Solution: Solution: Coll Register: Solution: Solut	Switching Function: Normally Closed (N.C. Closed when de-energised)		ESV 300	4
bisitions) G1/8" up to G1" emale), G (BSPP / ISO 228-1) max. 80°C C to max. 70°C 2/s re or Design Pressure: 10 bar high voltage tolerance t dismantling the valve [don't matter AC or DC] s de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top	Principle of Operation: Direct Operated			
G1/8" up to G1"         emale), G (BSPP / ISO 228-1)         max. 80°C         C to max. 70°C         2/s         rre or Design Pressure: 10 bar         high voltage tolerance         t dismantling the valve (don't matter AC or DC)         s         de range of pressure ratings, wide range of orifice options         my position but preferably solenoid coil vertical on top         Vertication         Vertication         Vertication         Vertication         S         de range of pressure ratings, wide range of orifice options         my position but preferably solenoid coil vertical on top	Way Number: 2/2 (Ports / Positions)			
emale), G (BSPP / ISO 228-1) max. 80°C C to max. 70°C 2/s tre or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) s de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coit vertical on top	Connection and Port Sizes: G1/8" up to G1"			
e max. 80°C C to max. 70°C 2/s tre or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) s de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coit vertical on top	Connection Type: Thread (Female), G (BSPP / ISO 228-1)	11/2	- single	-
e max. 80°C C to max. 70°C 2/s are or Design Pressure: 10 bar high voltage tolerance t dismantling the valve [don't matter AC or DC] is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coit vertical on top	Pressure Range: -1 ; 4 Bar	SKA	BOKA	
C to max. 70°C 2/s Irre or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top	Fluid Temperature: -10°C to max. 80°C	And the state of the state	Print State International Name	
2/s Ire or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top	Ambient Temperature: -20°C to max. 70°C	Harang and Har	With All State	
e2/s tre or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top Low Pressure Network Pressure P	Opening Time: 25 ms	A REAL	n Ti Ber Antimerkennt	<b>.</b>
2/s Irre or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top Low Pressure Magnications Magn	Closing Time: 25 ms	C C		
Ire or Design Pressure: 10 bar high voltage tolerance t dismantling the valve (don't matter AC or DC) is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top Low Pressure Magnications Magnications Magnications Street Magnications Ma	Max Viscosity: 38 cSt or mm2/s		-	-
high voltage tolerance It dismantling the valve (don't matter AC or DC) Is de range of pressure ratings, wide range of orifice options Iny position but preferably solenoid coil vertical on top Low Pressure Low Pressure Low Pressure Applications Size	Maximum Allowable Pressure or Design Pressure: 10 bar	and the second s		
high voltage tolerance t dismantling the valve (don't matter AC or DC) is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top Pressure Low Pressure Applications Rotatable Size	Compact design			
high voltage tolerance t dismantling the valve (don't matter AC or DC) is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top Pressure Applications Coil Rotatable Size	Valve has sealing o-rings,	-	al-	See.
t dismantling the valve (don't matter AC or DC) is de range of pressure ratings, wide range of orifice options iny position but preferably solenoid coil vertical on top <u>Pressure</u> Applications <u>Coil</u> Small Body Size	Suitable AC and DC voltage, high voltage tolerance			
de range of pressure ratings, wide range of orifice options any position but preferably solenoid coil vertical on top Pressure Applications Coil 3400 Size	Coil interchangeable without dismantling the valve (don't matter AC or DC)			
de range of pressure ratings, wide range of orifice options any position but preferably solenoid coil vertical on top Loss Applications Coil Pressure Applications Coil Coil Coil Coil Size	Low flow loss, low power loss			
any position but preferably solenoid coil vertical on top Low Pressure Applications Rotatable Size Size	Various flow rate options, wide range of pressure ratings, wide range of orifice options		-	
Loss Applications 340° 5/20	Mounting position, optional any position but preferably solenoid coil vertical on top	Low Vacuum Pressure	Coil Rotatable	mall Body
e valve must be filtered	The fluid passing through the valve must be filtered	Loss	360°	Size
	Flow rate (Q) can be usually calculated as a function of pressure, density and flow coefficient	Low Patented	Fast	Lana
calculated as a function of pressure, density and flow coefficient Low Patented Fast	According 97/23/EC Pressure Equipment Directive (PED), 2006/95/EEC Low Voltage	Weight Tube Design	Opening and Closing	Life
calculated as a function of pressure, density and flow coefficient e Equipment Directive (PED), 2006/95/EEC Low Voltage Weight Dening Tube Design and Closing	and the second state of th			
e valve must be filtered	<ul> <li>Coil interchangeable without dismantling the valve (don't matter AC or DC)</li> <li>Low flow loss, low power loss</li> <li>Various flow rate options, wide range of pressure ratings, wide range of orifice options</li> <li>Mounting position, optional any position but preferably solenoid coil vertical on top</li> <li>The fluid passing through the valve must be filtered</li> <li>Flow rate (Q) can be usually calculated as a function of pressure, density and flow coefficient</li> <li>According 97/23/EC Pressure Equipment Directive (PED), 2006/95/EEC Low Voltage</li> </ul>	Low Pressure Loss Loss Low Weight	Coil Rotatable 360° Fast Opening and Closing	
calculated as a function of pressure, density and flow coefficient Low Patented Fast Opening Opening	According 97/23/EC Pressure Equipment Directive (PED), 2006/95/EEC Low Voltage	Tube Design	and Closing	Life
calculated as a function of pressure, density and flow coefficient e Equipment Directive (PED), 2006/95/EEC Low Voltage	rective [LVD] and 200//108/EC Electromagnetic Compatibility Directive [EMC]			

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Model No	Position	Connection and Port Size	Orifice	Flow Factor / Coefficient Kv		Operating Pressure Differential				Fluid Temperature		1.200	Approximate	Balerenie
			Size			Min. (For AC)	Min. (For DC)	Max. (For AC)	Max. (For DC)	Min.	Max.	Seat	Weight	Figure
ESV		G	mm	L/m	m³/h	Bar	Bar	Bar	Bar	°C	°C		kg	
ESV 300.00,040	N.C	1/8"	4	6.5	0.39	-1	+1	3	3	-10	80	NBR	0.35	Fig.1
ESV 300.01.040	N.C	1/4"	4	6.5	0.39	-1	-1	3	3	-10	80	NBR	0.33	Fig.1
ESV 300.02.040	N.C	3/8"	4	6.5	0.39	-1	-1	3	3	-10	80	NBR	0.47	Fig.2
ESV 300.03.040	N.C	1/2"	4	6.5	0.39	-1	-1	3	3	-10	.80	NBR	0.44	Fig.2
ESV 300.04.040	N.C	3/4"	4	6.5	0.39	-1	-1	3	3	-10	80	NBR	0.7	Fig.2
ESV 300.05.040	N.C	1-	4	6.5	0.39	-1	-1	3	3	-10	80	NBR	0.65	Fig.2

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ESV 300