WAFER-BUTTERFLY VALVE

PD 5100

Automation with double acting pneumatic actuator

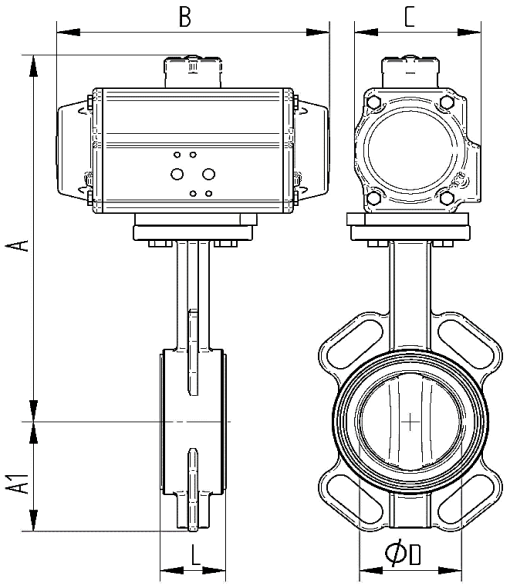
Technical data butterfly valve

Body:	Spheroid ductile iron GGG40 blue RAL5002 coated
Disc:	Stainless steel 1.4408
Seat:	Resilient seated [see the table]
Shaft:	Stainless steel 1.4021
Shaft sealing:	PTFE+NBR O-Ring
Notchplate:	Nylon 66 [**dew point barrier**]
Overall length:	Acc.to DIN EN 558-1
Actuator connection:	Acc.to DIN ISO 5211
Flange connection:	Acc.to UNI EN 1092, PN06 - PN10 - PN16
Medium temperature:	Seat dependent [see the table]
Pressure rating:	Max. 16 bar temperature dependent

Item No.	Seat	Temperature
5102	EPDM-H	-10°C up to +110°C

Technical data pneumatic actuator

Design Feature:	Rack and pinion principle
Piston guide:	Self centering in housing
Housing:	Aluminum alloy anodized
Cover end caps:	Aluminum alloy, RAL 5002 blue painted
Seals:	NBR
Pinion:	Steel chemically hard nickel plated
Piston | Rack:	Aluminum alloy
Pivot angle:	90° adjustable from +5° to -5
Operating temperature:	-15°C to +80°C
Torque max:	Torque table | Pilot pressure table
Control medium:	Filtered & lubricated air according to Pneurop/ISO Kl. 5
Control pressure:	Rated to 6 bar
Actuator | Valve:	according to DIN ISO 5211
Actuator | Control valve:	according to Namur resp. VDI/VDE 3845
Actuator | Signal devices:	according to Namur resp. VDI/VDE 3845
Position indicator :	optical, mounted in scope of delivery
Approval:	ATEX 2014/34/EU



Item No. | Size	øDN mm	øD mm	L mm	A mm	A1 mm	B mm	C mm	PD Nm
PD02 5100-08	40	40	33	223	70	154	71	22
PD02 5100-09	50	50	43	231	61	154	71	22
PD03 5100-10	65	63	46	262	72	189	90	44
PD04 5100-11	80	77	46	281	87	210	103	68
PD04 5100-12	100	100	52	296	106	210	103	68
PD05 5100-13	125	125	56	326	123	229	113	100
PD06 5100-14	150	147	56	347	137	264	126	141
PD08 5100-15	200	198	60	438	174	337	157	327
PD08 5100-16	250	244	68	471	209	337	157	327
PD09 5100-17	300	298	78	532	253	377	178	483

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