WAFER-BUTTERFLY VALVE

PD 5110|5120

Automation with double acting pneumatic actuator

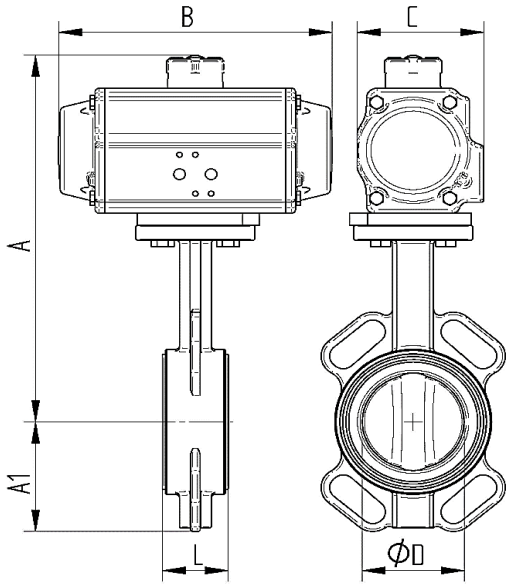
Technical data butterfly valve

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: **5102***	Nylon 66 [**dew point barrier**]
Notchplate: **5110-5120**	Aluminum black coated
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**
5110	NBR	-10°C up to +90°C
5120	FKM	-10°C up to +150°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
PD03 5110 | 5120-08	40	40	33	242	70	189	90	44
PD03 5110 | 5120-09	50	50	43	250	61	189	90	44
PD03 5110 | 5120-10	65	63	46	262	72	189	90	44
PD04 5110 | 5120-11	80	77	46	281	87	210	103	68
PD05 5110 | 5120-12	100	100	52	309	106	229	113	100
PD06 5110 | 5120-13	125	125	56	336	123	264	126	141
PD07 5110 | 5120-14	150	147	56	360	137	266	139	183
PD08 5110 | 5120-15	200	198	60	438	174	337	157	327
PD09 5110 | 5120-16	250	244	68	488	209	377	178	483
PD10 5110 | 5120-17	300	298	78	554	253	412	196	670

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