

Automation with pneumatic single acting actuator

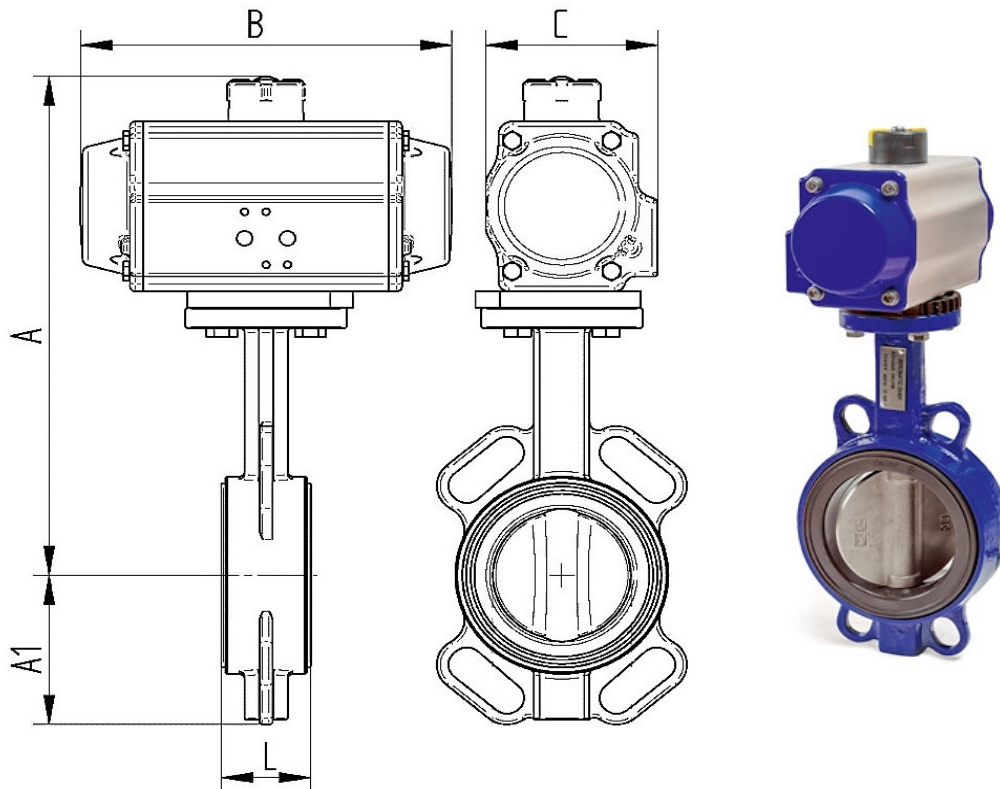
Technical data butterfly valve

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

Article No.	Seat	Temperature
5102	EPDM-H	-10°C up to +110°C
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 KI. 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
<u>Approval:</u>	ATEX 2014/34/EU



Article No. Size	øDN mm	L mm	A mm	A1 mm	B mm	C mm
PE04 5100/5110/5120-08	40	33	266	70	229	113
PE04 5100/5110/5120-09	50	43	274	61	229	113
PE04 5100/5110/5120-10	65	46	286	72	229	113
PE06 5100/5110/5120-11	80	46	317	87	266	139
PE07 5100/5110/5120-12	100	52	367	106	337	157

Other sizes on request