

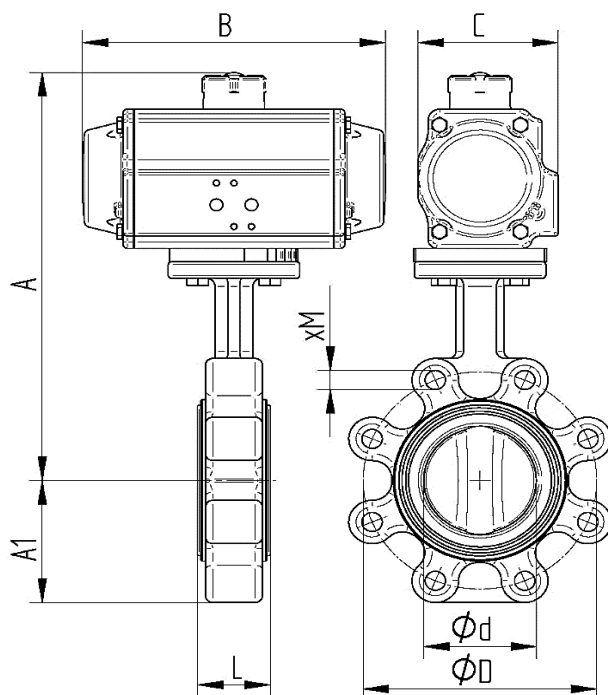
TECHNICAL DATA BUTTERFLY VALVE

Body:	Spheroid ductile iron GGG40 blue RAL5002
Disc:	Stainless steel 1.4408
Seat:	Resilient seated [see the table]
Shaft:	Stainless steel 1.4021
Shaft sealing:	PTFE+NBR O-Ring
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
5200	EPDM-H	-10°C up to +110°C
5210	NBR	-10°C up to +90°C
5220	FKM	-10°C up to +150°C

TECHNICAL DATA ACTUATOR

Type of actuator:	FR single acting spring return
Design characteristic:	Rack and pinion system
Piston guidance:	Self-centering inside of the housing
Temperature range:	- 20° C up to + 80 ° C
Rotation Stroke:	90° from + 5° up to - 5° adjustable
Torque max.:	See table [FR] in Nm at 6 bar pilot air
Pilot medium:	Filtered and lubricated air [Pneurop/ISO class 4]
Number of springs:	12 pieces (6 per side)
Position indicator:	visual display
Actuator connection:	Acc.to DIN EN 5211
Control valve:	Acc. to Namur or VDI/VDE 3845
Signalling devices:	Acc. to Namur or VDI/VDE 3845
End caps seals:	NBR
End caps:	Die cast aluminum RAL 5002 blue coated
Body:	Extruded aluminum alloy



Artikel Nr. Größe	DN	ød mm	L mm	A mm	A1 mm	øD mm	xM	B mm	C mm
FR02 5200/5210/5220-08	40	40	33	258	70	110	4x M16	162	84
FR02 5200/5210/5220-09	50	50	43	266	61	125	4x M16	162	84
FR03 5200/5210/5220-10	65	63	46	291	72	145	4x M16	208	96
FR04 5200/5210/5220-11	80	77	46	317	87	160	8x M16	246	108
FR05 5200/5210/5220-12	100	100	52	344	106	180	8x M16	266	123
FR06 5200/5210/5220-13	125	125	56	401	123	210	8x M16	347	151
FR06 5200/5210/5220-14	150	147	56	412	137	240	8x M20	347	151
FR07 5200/5210/5220-15	200	198	60	495	174	295	12x M20	475	202
FR08 5200/5210/5220-16	250	244	68	525	209	350	12x M24	475	202
FR07 5200/5210/5220-17	300	298	78	678	253	400	12x M24	570	203