Series GBF1 - AT00 S

Wafer Type Butterfly Valve With Single Acting Actuator

SPECIFICATION

- Wafer Type Butterfly Valve PN16
- Two-Piece-Stem pinless design
- ISO 5211 DIN3337 direct mounting pad

Design Standard	: BS EN593 / API 609
Face to Face	: BS EN558-1 / API 609
Flange Connection	: EN1092-1 PN10/16 JIS B2210 10K
	: DIN 2501 PN10/16 ANSI B16 125/150
Test Standard	: BS EN 12266-1 / API 598
Pressure Rating	: 16 bar
Working Temp.	: NBR -15 to +110 °C

APPLICATIONS

- Suitable for Hot / Cold Water, Oil, Gas & Air

PNEUMATIC ACTUATOR

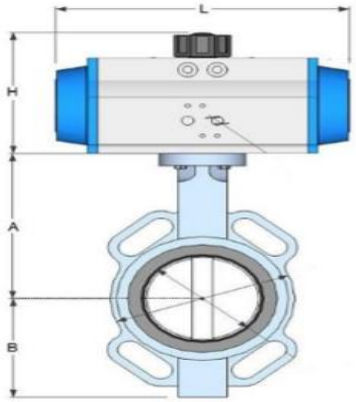
- High performance Rack & Pinion design
- Aesthetically compact and modern design
- 11 different model sizes from AT40S to AT210S
- Standard working temperature -20 to +80 °C
- Adjustable closing angle -5 °C to +5 °C
- ISO 5211 and NAMUR mounting standards
- Recommended Air supply 6 bar, lubrication not required

PNEUMATIC ACTUATOR MATERIAL

Body : Anodized aluminum ASTM6063, UNI4522
End Caps : Die-cast aluminum, epoxy coated
Pistons : Die-cast aluminum UNI 5076
Pinion : Carbon steel, options for stainless steel
Bearing Pad : Technopolymer
Seals : NBR, options for Viton or Silicon

BUTTERFLY VALVE MATERIAL LIST

NO.	PART NAME	MATERIAL
1	Body	Cast Iron
2	Disc	CF8
3	Lower Stem	SS420
4	Seat	NBR
5	Upper Stem	SS420
6	Lock Pin	AISI1066
7	Lower O-ring	NBR
8	Bushing	PTFE
9	O-ring	NBR
10	Bushing	PTFE



DIMENSIONS (mm)

Size	Inch	1-1/2	2	2-1/2	3	4	5	6	8	10	12
	DN	40	50	65	80	100	125	150	200	250	300
Valve Torque (Nm)	PN16	16	20	25	34	57	87	140	266	404	657
	A	138	161	175	181	200	215	226	260	292	337
	B	75	80	89	95	114	127	139	175	203	242
Single Acting Actuator	Art No.	AT63S		AT75S		AT88S	AT100S	AT115S	AT145S	AT160S	
	H	93	93	111	111	128	141	153	180	214	236
	L	146	146	163	163	214	252	270	316	418	450

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