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DOUBLE FLANGE TYPE BUTTERFLY VALVE TECLARGE FL WITH DOUBLE ACTING PNEUMATIC ACTUATOR

VPE 4509-N03



APPLICATION

General use : water, sludge, etc.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.
Tightness in both ways.
Sleeve internally reinforced in aluminium giving a low torque.
Self lubricant bearing in copper alloy.

CONSTRUCTION

10	1	Pneumatic actuator	
9	1	Cover	Ductile iron
8		Bushing	Copper alloy
7	1	O ring	NBR
6		Bushing	Copper alloy
5	1	Sleeve	Heat EPDM
4		Pin	Stainless steel 410
3	1	Disc	Stainless steel CF8M
2		Stem	Stainless steel 410
1	1	Body	Ductile iron EN-GJS400-15
Pos.	Q-ty	Description	Material



WORKING CONDITIONS

Maximum working pressure : 10 bar.
Maximum working temperature : -15 °C / +130 °C.
Peak temperature : -30°C / + 150°C

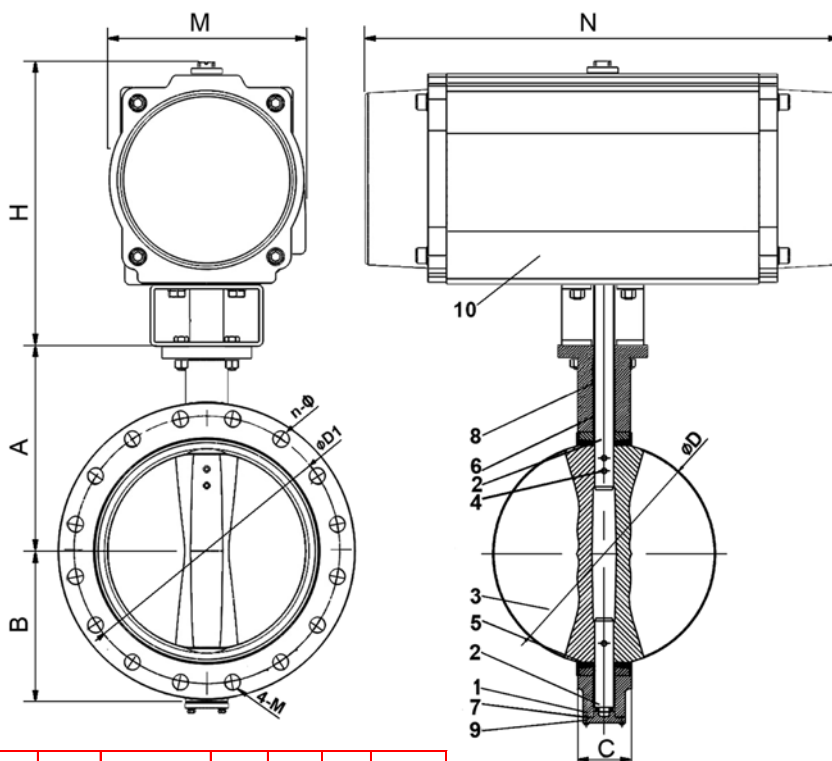
STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipments under pressure» : modulate H. Pressure test according to standards EN 12266-1, DIN 3230, BS 5154 and ISO 5208 :

Body : 15 bar.
Seat : 11 bar.

Face to face according to standard EN 558-1 serie 20, ISO 5752 serie 20 and DIN 3202.
Flange type ISO PN10 connections according to standard EN 1092-2.

DIMENSIONS



DN		A	B	C	ØD	Output flange		ØD1	n-Ø	4-M	Actuator reference	H	M	N	Weight (kg)
mm	inch					Valve side	Actuator side								
350	14"	368	275	76,5	333,5	F14	F12	460	16-23	-	TDA160	269	161	456	110
400	16"	398	300	102	389,6	F14	F14	515	16-28	-	TDA190	304	189	534	155
450	18"	428	328	114	440,5	F14	F14	565	20-28	-	TDA210	332	210	536	197
500	20"	485	351	127	491,6	F14	F16	620	20-28	-	TDA240	371	245	612	224
600	24"	568	440	151	592,5	F16	F16	725	20-31	-	TDA270	419	273	718	384
700	28"	628	508	163	695	F25	F16	840	20-31	4-M27	TDA300	447	335	784	561
800	32"	672	530	188	794,7	F25	F16	950	20-34	4-M30	TDA350	503	385	845	714
900	36"	721	630	203	864,7	F25	F25	1050	24-34	4-M30	TDA400	562	520	956	987
1000	40"	802	692	216	965	F25	-	1160	24-37	4-M33	-	-	-	-	
1200	48"	948	844	276	1160,6	F30	-	1380	28-41	4-M36	-	-	-	-	