

4625

Ductile Iron Lug Butterfly Valve



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Ductile iron Lug butterfly valve for drinking water
For EN1092 PN25 flanges
Lengths according to EN558-1 series 20 (ex DIN3202 K1)
Design according to EN593, testing according to EN12266-1
Epoxy coating (min. 250µm)
With lever (lockable in both open and close position) or manual gear
ACS and WRAS (DN32-DN300) compliant

PN25

Free of CE marking for DN≤200 (cat. according to Art. 4.3 Dir. 2014/68/EU)

Working conditions

- Suitable for: water, -10°C to +110°C (max 85°C for WRAS)
below 0°C only for water with added antifreeze fluids
- Not suitable for: gases group 1 & 2, liquids group 1 (Dir. 2014/68/EU)

PARTLIST

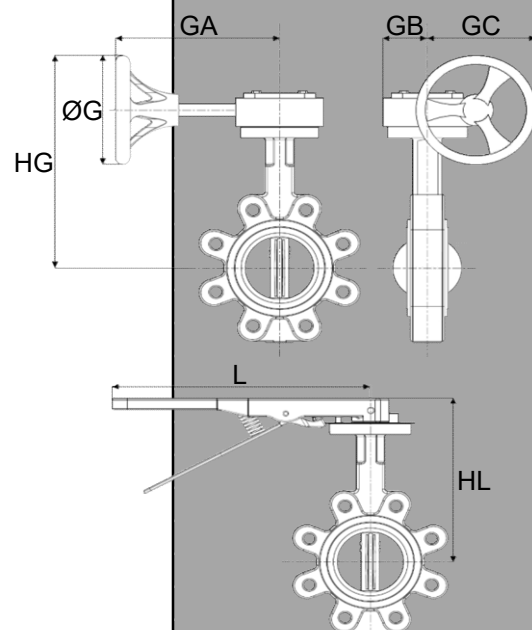
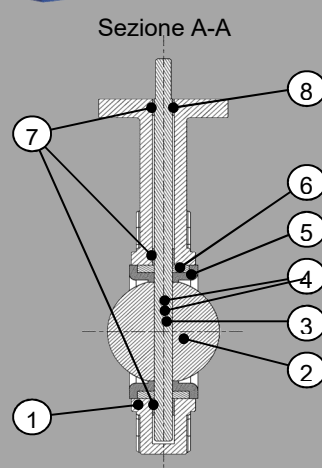
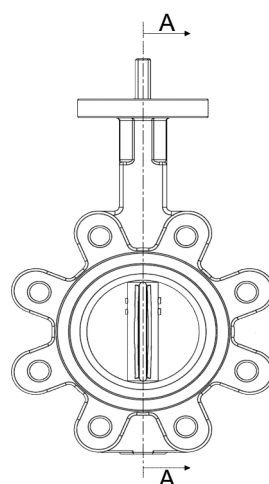
N.	Part	Material	Norm
1	Body	Ductile iron + epoxy	GGG40
2	Disc	Stainless steel	SS316
3	Stem	Stainless steel	SS431/SS630 ¹
4	Taper pin	Stainless steel	SS316
5	Seat	EPDM	-
6	Seat support	Plastic	-
7	Bushing	PTFE	-
8	O-ring	EPDM	-
9a	Lever	Cast iron	-
9b	Manual gear	Cast iron	-

¹Stem in SS431 for DN≤300 and in SS630 for DN≥350

DIMENSIONS WITH LEVER OR GEAR

DN	L [mm]	HL [mm]	GA [mm]	GB [mm]	GC [mm]	HG [mm]	ØG [mm]	Weight ¹ [kg]
050	260	194	152	52	118	109	145	4,0 / 7,1
065	260	207	152	52	118	109	145	5,5 / 8,6
080	260	213	152	52	118	109	145	5,8 / 8,9
100	260	232	152	52	118	109	145	7,5 / 10,6
125	260	245	152	52	118	354	145	11,0 / 14,1
150	260	258	152	52	118	367	145	11,6 / 14,7
200	-	-	250	75	208	344	290	- / 30,0
250	-	-	250	75	208	474	290	- / 40,0
300	-	-	227	81	226	521	290	- / 65,4
350	-	-	227	81	226	474	290	- / 73,0
400	-	-	254	104	326	655	290	- / 96,3
450	-	-	254	104	326	677	290	- / 121,7
500	-	-	301	131	345	752	290	- / 136,0

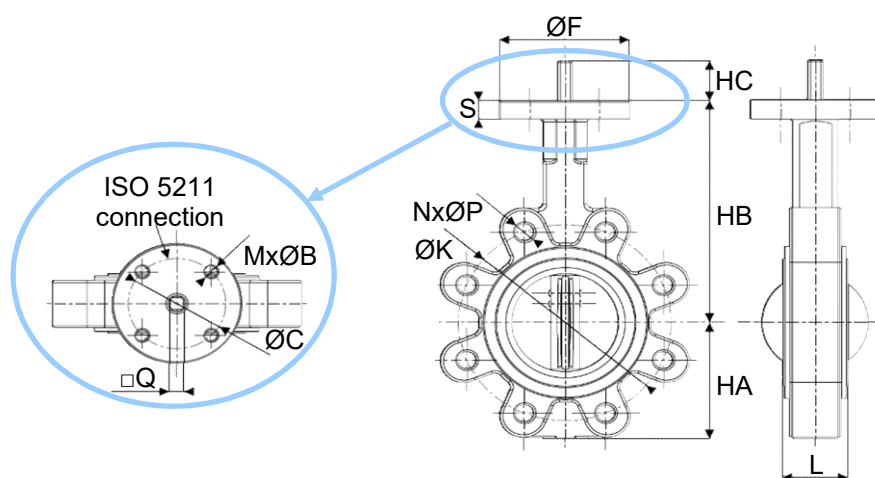
¹Weight for version with lever / weight for version with gear



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OTHER DIMENSIONS

DN	HA [mm]	HB [mm]	HC [mm]	NxØP [mm]	ØK [mm]	L [mm]	ØF [mm]	S [mm]	MxØB [mm]	ØC [mm]	ISO-□Q [mm]	Torque [Nm]	K _v [m ³ /h]	Wgt [kg]
050	76	162	32	4xM16	125	43	90	13	4x10	70	F07 - □9	28	99	3,3
065	89	175	32	8xM16	145	46	90	13	4x10	70	F07 - □9	35	170	4,8
080	95	181	32	8xM16	160	46	90	13	4x10	70	F07 - □9	45	261	5,1
100	114	200	32	8xM20	190	52	90	13	4x10	70	F07 - □11	82	519	6,8
125	127	213	32	8xM24	220	56	90	13	4x10	70	F07 - □14	111	884	10,3
150	140	226	32	8xM24	250	56	90	13	4x10	70	F07 - □14	219	1366	10,9
200	177	260	45	12xM24	310	60	125	14	4x12	102	F10 - □17	349	2713	21,5
250	203	292	45	12xM27	370	68	125	14	4x12	102	F10 - □22	617	4697	31,5
300	242	337	45	16xM27	430	78	150	20	4x14	125	F12 - □22	912	7136	54,9
350	267	368	50	16xM30	490	78	150	20	4x14	125	F12 - □22	on request	10308	62,5
400	309	400	72	16xM33	550	102	210	20	4x22	165	F16- □27	on request	14175	69,3
450	328	422	72	20xM33	600	114	210	20	4x22	165	F16- □27	on request	18774	94,7
500	361	479	82	20xM33	660	127	210	22	4x22	165	F16- □36	on request	24140	109,0



FITTING VIR ACTUATORS

DN	Cutter-AQ electric actuators		Hovercraft pneumatic act. ¹	
	230VAC	24VDC	Double acting	Spring return
050	KACUTAQ02.800	KACUTAQ02.800	KAHOVER15.801	KAHOVER31.801
065	KACUTAQ02.800	KACUTAQ02.800	KAHOVER16.801	KAHOVER32.801
080	KACUTAQ02.800	KACUTAQ02.800	KAHOVER17.801	KAHOVER32.801
100	KACUTAQ03.800	KACUTAQ08.800	KAHOVER18.801	KAHOVER34.801
125	KACUTAQ04.800	KACUTAQ09.800	KAHOVER19.801	KAHOVER35.801
150	KACUTAQ06.800	KACUTAQ10.800	KAHOVER21.801	KAHOVER37.801 ²
200	KACUTAQ07.800	on request	KAHOVER22.801	KAHOVER38.801
250	KACUTAQ11.800	on request	KAHOVER24.801	on request
300	on request	on request	KAHOVER25.801	on request
350	on request	on request	on request	on request
400	on request	on request	on request	on request
450	on request	on request	on request	on request
500	on request	on request	on request	on request

¹Pneumatic actuators sized on 6bar air supply

²Flange adaptors required

Mounting of proposed actuators require specific square connection adaptors

Technical description and dimensions of actuators as reported in their specific technical sheets



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