



Valvoindustria Ing. Rizzio S.p.A.

Via Circonvallazione, 10
13018 Valduggia (VC), Italy
Tel: +39 0163 47891
Fax: +39 0163 47895
www.vironline.com

4020 series

Ductile Iron Wafer Butterfly Valve

Description

Ductile iron Wafer butterfly valve with epoxy coating
For EN1092 PN16 flanges (also PN10 for DN ≤150 excluding DN 80)
Lengths according to EN558-1 series 20 (ex DIN3202 K1)
Design according to EN593
Testing according to EN12266-1
Epoxy coating (min. 150µm)
Available with ductile iron or stainless steel disc
Seat in EPDM (NBR also available for steel disc version)
CE and Gost compliant

PN16 (PN10 for DN≥350)

Working conditions:

- 0°C to +120°C for 4020 and 4025 series
- -10°C to +90°C for 4029 series

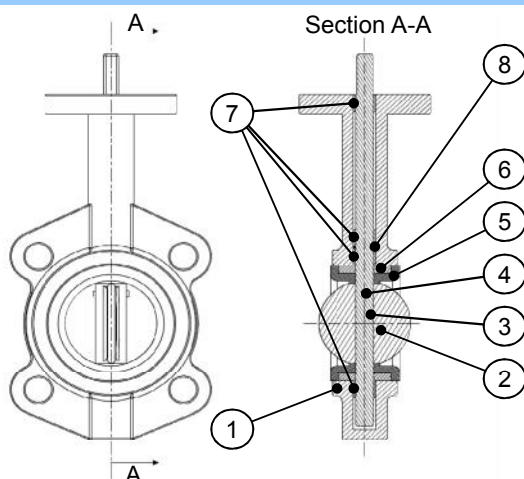
Available in following versions:

- with lever (lockable in both open and close position)
- with manual gear
- with electric actuator
- with double acting or spring return pneumatic actuator



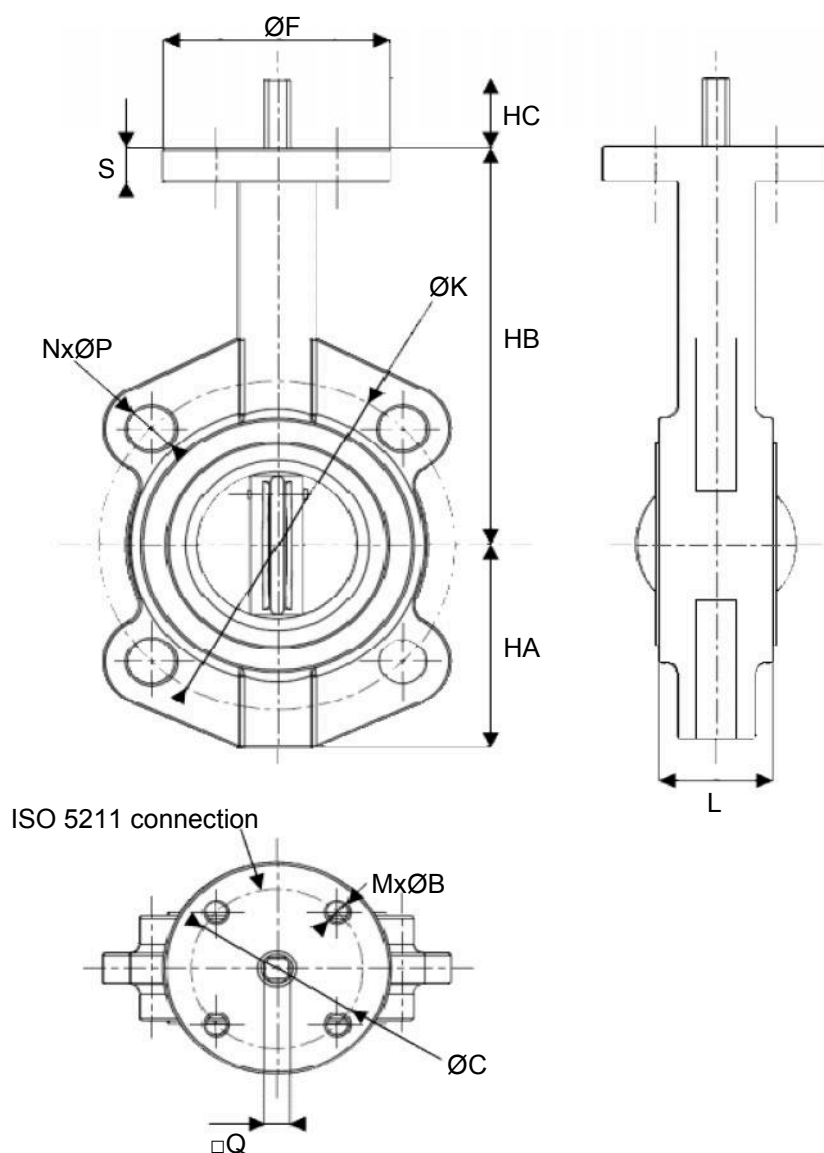
Part List

N.	Part	4020 series		4025 series		4029 series	
		Material	Norm	Material	Norm	Material	Norm
1	Body	D.I. + epoxy	GGG40	D.I. + epoxy	GGG40	D.I. + epoxy	GGG40
2	Disc	D.I. Nickel plat.	GGG40	Stainless steel	SS316	Stainless steel	SS316
3	Stem	Stainless steel	SS416	Stainless steel	SS316	Stainless steel	SS316
4	Taper pin	Stainless steel	-	Stainless steel	-	Stainless steel	-
5	Seat	EPDM	-	EPDM	-	NBR	-
6	Seat support	Plastic	-	Plastic	-	Plastic	-
7	Bushing	PTFE	-	PTFE	-	PTFE	-
8	O-ring	EPDM	-	EPDM	-	FKM	-
9a	Lever	Cast iron	-	Cast iron	-	Cast iron	-
9b	Manual gear	Cast iron	-	Cast iron	-	Cast iron	-



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)
032	65	120	32	4x19	100	33	90	11	4x9	70	F07 - □9	10	40	1,9
040	75	120	32	4x19	110	33	90	11	4x9	70	F07 - □9	12	50	2,2
050	76	162	32	4x19	125	43	90	13	4x9	70	F07 - □9	14	99	2,9
065	89	175	32	4x19	145	46	90	13	4x9	70	F07 - □9	20	170	3,6
080	95	181	32	4x19	160	46	90	13	4x9	70	F07 - □9	27	261	4,1
100	114	200	32	4x19	180	52	90	13	4x9	70	F07 - □11	49	519	5,7
125	127	213	32	4x19	210	56	90	13	4x9	70	F07 - □14	80	884	7,0
150	140	225	32	4x23	240	56	90	13	4x9	70	F07 - □14	119	1366	8,4
200	173	260	36	4x23	295	60	125	14	4x11	102	F10 - □17	229	2713	12,7
250	203	292	36	4x28	355	68	125	14	4x11	102	F10 - □22	380	4697	19,2
300	242	337	36	4x28	410	78	150	20	4x14	125	F12 - □22	552	7136	31,0
350	267	368	45	4x28	470	78	150	20	4x14	125	F12 - □24	650	10308	43,8
400	298	400	51	4x31	525	102	210	20	4x22	165	F16 - □27	922	14175	61,2
450	318	422	51	4x31	585	114	210	20	4x22	165	F16 - □27	1194	18774	77,7
500	349	479	64	4x34	650	127	210	22	4x22	165	F16 - □32	1706	24140	105,1
600	410	562	70	4x37	770	154	210	22	4x22	165	F16 - □36	3080	37294	195,5

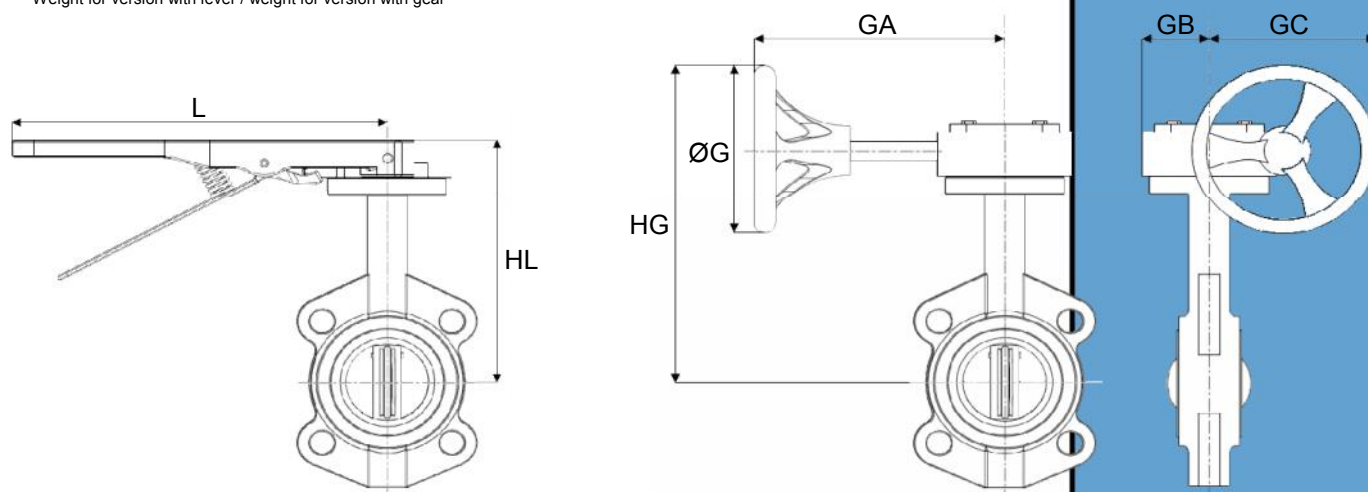


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Dimensions with lever or gear

DN	L (mm)	HL (mm)	GA (mm)	GB (mm)	GC (mm)	HG (mm)	ØG (mm)	Weight ¹ (kg)
032	267	152	153	53	125	229	146	2,8 / 6,9
040	267	152	153	53	125	229	146	3,1 / 7,2
050	267	194	153	53	125	271	146	3,8 / 7,9
065	267	207	153	53	125	284	146	4,5 / 8,6
080	267	213	153	53	125	290	146	5,0 / 9,1
100	267	232	153	53	125	309	146	6,6 / 10,7
125	267	245	153	53	125	322	146	7,9 / 12,0
150	267	257	153	53	125	334	146	9,3 / 13,4
200	359	296	236	73	216	442	289	14,7 / 25,7
250	359	328	236	73	216	474	289	21,2 / 32,2
300	359	373	231	80	237	521	289	33,0 / 46,0
350	-	-	231	80	237	552	289	- / 58,8
400	-	-	243	111	319	680	290	- / 101,2
450	-	-	243	111	319	702	290	- / 117,7
500	-	-	243	111	319	759	290	- / 160,1
600	-	-	296	133	385	902	375	- / 257,5

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



Fitting VIR actuators

DN	Cutter electric actuators			Overcraft pneumatic act. ¹	
	230VAC	400VAC 3-ph	24V AC/DC	Double eff.	Spring ret.
032	KACUTTR03.800	su richiesta	KACUTTR00.800	KAHOVER15.801	KAHOVER29.801
040	KACUTTR03.800	su richiesta	KACUTTR00.800	KAHOVER15.801	KAHOVER29.801
050	KACUTTR03.800	su richiesta	KACUTTR00.800	KAHOVER15.801	KAHOVER29.801
065	KACUTTR04.800	su richiesta	KACUTTR05.800	KAHOVER15.801	KAHOVER30.801
080	KACUTTR04.800	su richiesta	KACUTTR05.800	KAHOVER15.801	KAHOVER31.801
100	KACUTTR02.800	su richiesta	KACUTTR06.800	KAHOVER17.801	KAHOVER32.801
125	KACUTTR12.800	su richiesta	KACUTTR07.800	KAHOVER18.801	KAHOVER34.801
150	KACUTTR08.800	su richiesta	KACUTTR10.800	KAHOVER19.801	KAHOVER35.801
200	KACUTTR09.800	su richiesta	KACUTTR11.800	KAHOVER21.801	KAHOVER36.801
250	KACUTXL00.800	KACUTXL04.800	su richiesta	KAHOVER23.801	KAHOVER38.801
300	KACUTXL01.800	KACUTXL05.800	su richiesta	KAHOVER23.801	KAHOVER39.801
350	KACUTXL01.800	KACUTXL05.800	su richiesta	KAHOVER24.801	KAHOVER40.801
400	KACUTXL01.800 ²	KACUTXL05.800 ²	su richiesta	KAHOVER25.801 ²	KAHOVER40.801
450	KACUTXL02.800	KACUTXL06.800	su richiesta	KAHOVER26.801 ²	KAHOVER40.801
500	KACUTXL02.800	KACUTXL06.800	su richiesta	KAHOVER27.801	su richiesta
600	KACUTXL03.800	KACUTXL07.800	su richiesta	su richiesta	su richiesta

¹Pneumatic actuators sized on 6Bar air supply

²Mounting of proposed actuator requires specific special adaptors

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



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