





SKU: BV5142

-  VOLT Ductile Iron PN16 Flanged Ball Valve
-  VOLT Sphäroguss PN16 Flansch-Kugelhahn
-  VOLT Válvula de bola con bridas de hierro dúctil PN16
-  VOLT PN16 à brides en fonte ductile Ball Valve

Valves[™]
ONLINE

- 1" - 8" Flanged PN16/40 Manual Ball Valve
- 1" - 8" Mit Flansch PN16 / 40 Handbuch Kugelhahn
- 1" - 8" Con bridas PN16 / 40 Válvula de bola manual
- 1" - 8" Brides PN16 / 40 Manuel Ball Valve



- **PN40 up to 2" Rated, PN16 2½" and above**
- **-10° C to 100° C**
- **Lever Operated**
- **Fluids: Air, Gas, Oil & Water**
- **PTFE Seats**

Description:

Flanged PN16 Ductile Iron 2 piece full bore ball valve. The ball is hard chromed brass and the stem is stainless steel. Suitable for on / off isolation of water, air, oil and gas in many general, industrial and agricultural applications.

PN16 Ductile Iron Ball Valve



Description

An economical flanged ball valve in ductile iron. PN40 up to 2" and PN16 2½" and above. Manual lever operated. This valve offers bubble tight shut off for a wide range of applications.



Beschreibung

Eine wirtschaftliche Flansch-Kugelhahn in Sphäroguss. PN40 bis 2" und PN16 2½" und höher. Handhebel betätigt. Dieses Ventil bietet blasendichte off für eine breite Palette von Anwendungen geschlossen.







Descripción

Una válvula de bola con bridas económica en hierro dúctil. PN40 hasta 2" y PN16 2½" y por encima. Palanca manual operado. Esta válvula ofrece burbuja cierre hermético para una amplia gama de aplicaciones.



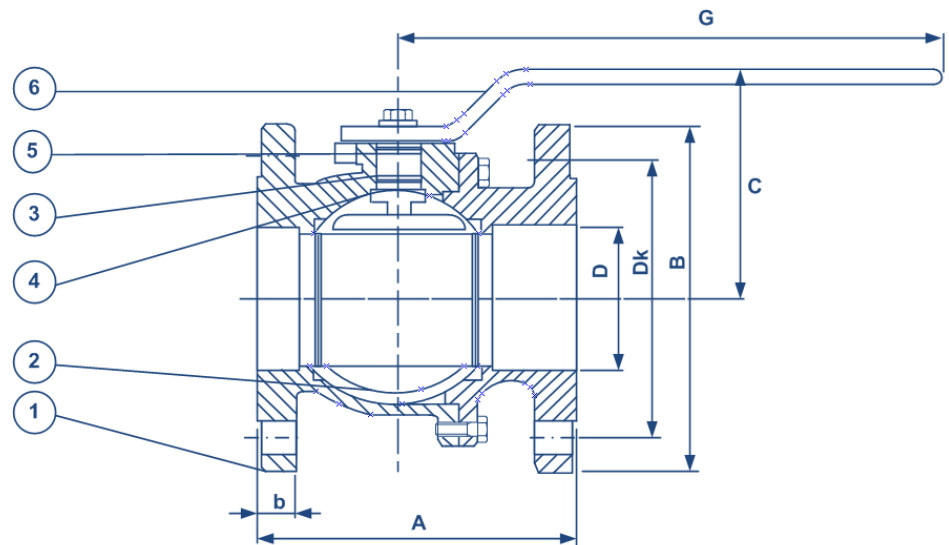
Description

Une bride économique vanne à boisseau sphérique en fer ductile. PN40 jusqu'à 2" et PN16 2½" et au-dessus. Levier manuel opéré. Cette vanne offre bulle fermeture étanche pour une large gamme d'applications.

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Ductile Iron Ball Valve – PN16/40

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Material List		
No	Name of Parts	Materials
1	Body	Ductile Iron GGG40
2	Ball	Brass MS 58 - Chrome Plated
3	Stem	Brass MS 58 - Chrome Plated
4	Seats	PTFE
5	O-Ring	NBR
6	Handle	Iron - St 37-2

Torque figures for 2524 / 2100 (without safety)										
DN	*	Δ p - Difference - Pressure								**
		0	5	10	16	20	25	30	40	
25	14	3	4	6	6	7	7	8	9	30
32	15	4	5	6	7	8	8	9	10	40
40	16	5	6	8	10	14	16	18	20	60
50	35	12	15	18	22	25	30	35	40	80
65	38	13	17	20	25	30	40	55	75	120
80	40	15	20	25	30	35	50	65	90	150
100	50	20	30	45	65	80	95	115	130	200
125	130	30	80	110	160					400
150	250	80	120	180	250					700
200	350	140	190	290	400					1000

Torque in Nm (oil, water) – close to open position for lubrication, greasing medium by temperature 20°C

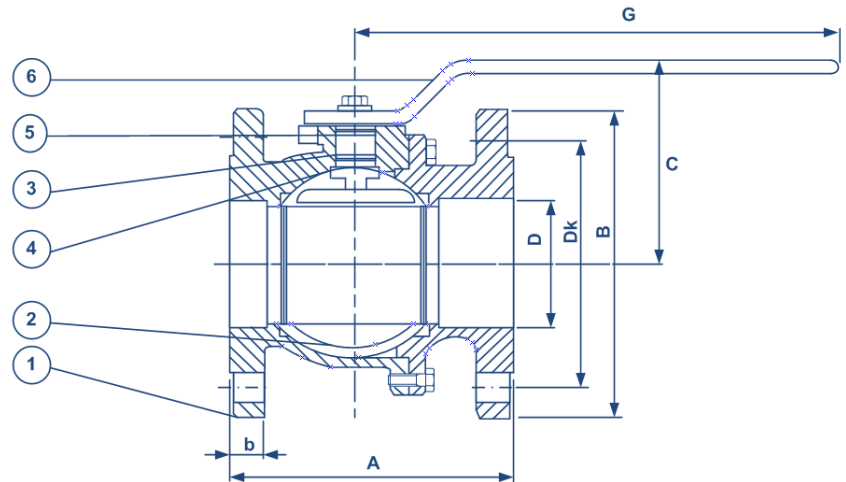
* From open to close position, when ball valves have not been operated for 6 months.

** Recommended maximum torque (increase by 30% for dry duty)

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Pressure / Temperature Ratings

Size	25mm - 200mm 16 Bar
Temperature	-20°C to +100°C

Dimensions

DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top Flange ISO	ØSxP/K	Kg	Kv
25	125	115	76	25	150	18	85	14	4	F03	14x10	3.5	15
32	130	140	92	31	235	18	100	18	4	F04	17.6x12	5.3	35
40	140	150	97	39	235	18	110	18	4	F05	17.6x12	6.6	65
50	150	165	105	49	271	20	125	18	4	F05	17.6x12	8.8	95
65	170	185	124	63	288	18	145	18	4	F07	23.6x17	11.4	130
80	180	200	133	76	288	20	160	18	8	F07	23.6x17	14	315
100	190	220	153	100	288	20	180	18	8	F07	23.6x17	17	685
125	200	250	183	125	541	22	210	18	8	F10	31.6x19	30	895
125	325*	250	183	125	541	22	210	18	8	F10	31.6x19	30	895
150	210	285	203	150	541	22	240	22	8	F10	31.6x19	37	1423
150	350*	285	203	150	541	22	240	22	8	F10	31.6x19	37	1423
200	400*	340	316	200	1000	24	295	22	12	F12	K30	84	2480