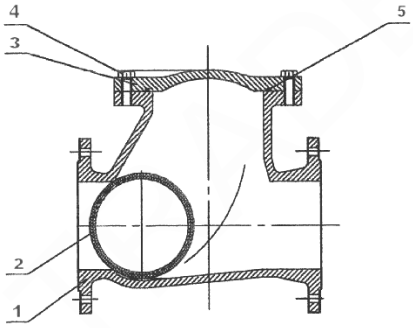
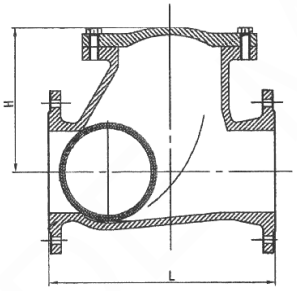
Check valve with ball, Flanges ends.

Features

1. Check Ball valve.
2. Made of Ductile Iron EN-GJS-400 (GGG-40).
3. Flanges ends according to DIN 2501 PN 16.
4. Face to Face according to DIN 3202 F6.
5. Ball :
   From 2" to 6" Alluminium and NBR coated.
   From 8" to 12" Carbon Steel and NBR coated.
6. Silent closing.
7. Full port, horizontal or vertical installation.
8. Specially designed for polluted, thicks and viscous liquids.
9. Inside & Outside with Epoxy coating.
10. Max. Working pressure 16 bar.
11. Working temperature -10 ºC + 80 ºC.
12. Not suitable for use in steam.





Nº	Name	Material	Surface Treatment
1	Body	Ductil Iron GGG-40	Epoxy coating
2	Ball	Alluminium + NBR (2"-6") Carbon Steel + NBR (8"-12")	NBR
3	Cap	Ductil Iron GGG-40	Epoxy coating
4	Bolt	S.Steel	------
5	Gasket	NBR	------

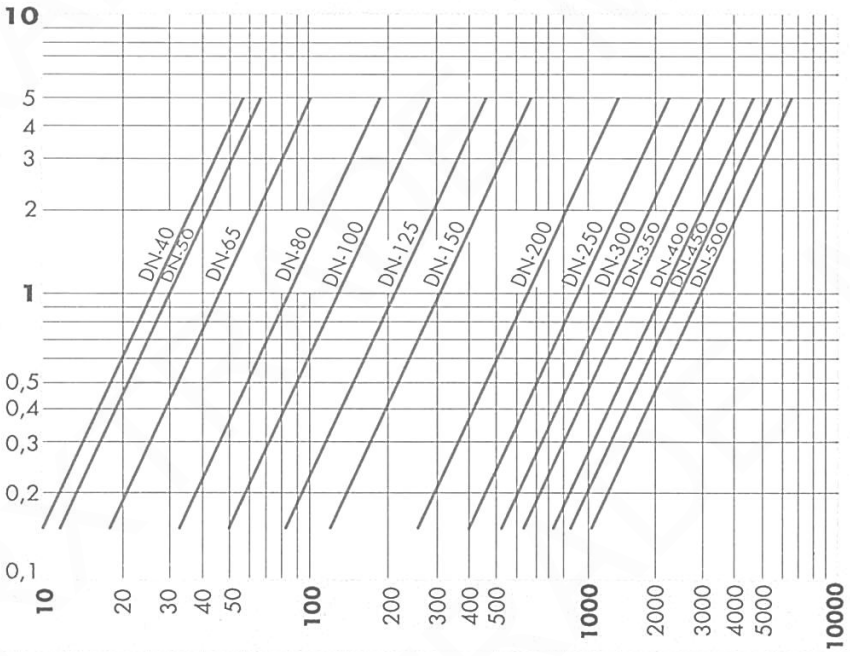
GENERAL DIMENSIONS

Ref	Size	PN	Dimensions (mm) H	L	Weight (Kg)
DN50	2"	16	106	200	7,900
DN65	2 1/2"	16	129	240	12,800
DN80	3 "	16	146	260	14,000
DN100	4 "	16	194	300	21,100
DN125	5 "	16	207	350	36,800
DN150	6 "	16	240	400	41,900
DN200	8 "	16	322	500	121,000
DN250	10 "	16	388	600	176,000

HEAD LOSSES DIAGRAM

(H_2O – 15 ºC *Horizontal flow*).

Δp (m.c.a)



Flow (m^3/h.)

D	Inch	2”	2 1/2”	3”	4”	5”	6”	8”	10”
Kv	m^3/h	95	140	240	370	600	890	1910	3000

MINIMUN OPENING PRESSURE

FLOW	*Aplication*	*Pressure*	*2”*	*2 ½”*	*3”*	*4”*	*5”*	*6”*	*8”*	*10”*
⇧	Std.	mbar	2.5	3	16	16	17	20	25	38
⇨	Std.	mbar	*Opening pressure near 0*							

VERTICAL OR HORIZONTAL INSTALLATION