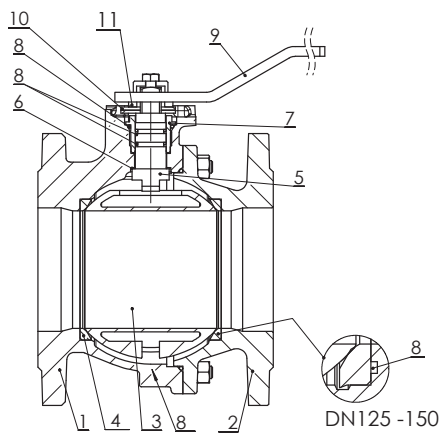
Ductile Iron Ball Valve - Flanged ANSI 150 - Direct Mount

LV 5561

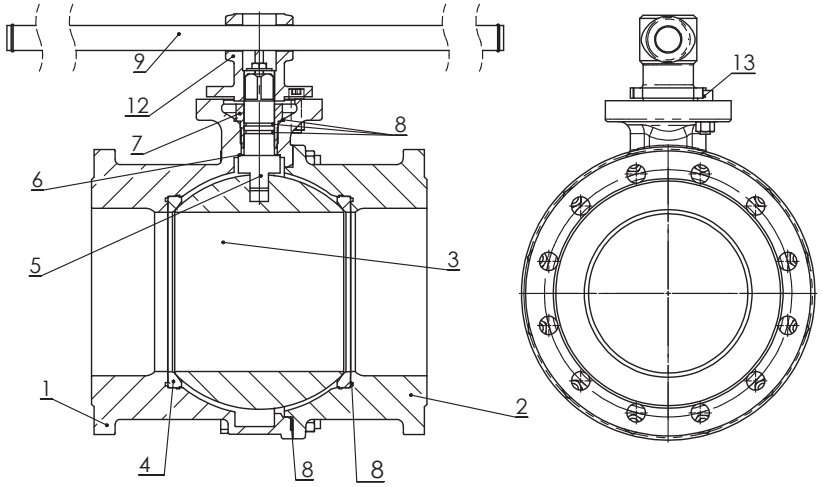
ISO 5211 for Direct Mount, Flanged ANSI 150, Ductile Iron Body, 304 Stainless Steel Ball & Stem, RPTFE Seat, Viton O-rings, Steel Lever Operated, DIN 3202 F4 Face to Face ½" to 6", F5 8"

Pressure / Temperature Specifications	
Pressure	PN16
Temperature	-10°C to 150°C

½" to 6"



8"



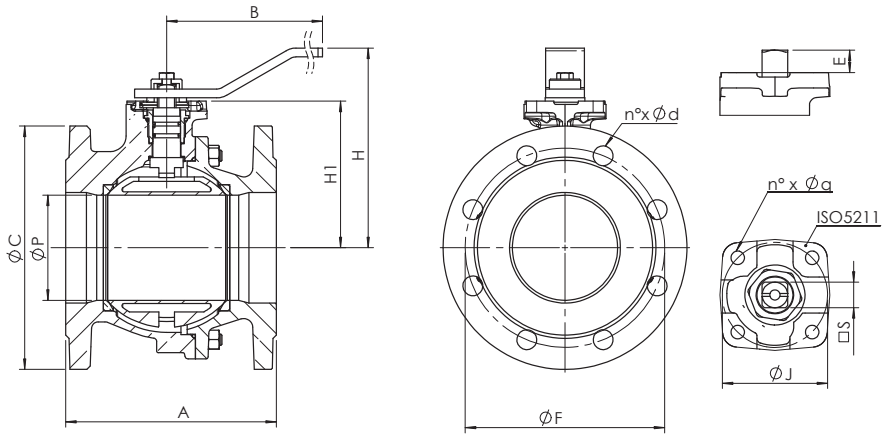
Material Specifications	
1. Body	EN GJS 400-15 Epoxy Coated Ductile Iron
2. Flange	EN GJS 400-15 Epoxy Coated Ductile Iron
3. Ball	AISI 304 Stainless Steel
4. Ball Seat	Reinforced PTFE
5. Stem	AISI 304 Stainless Steel
6. Sliding Washer	PTFE
7. Ring	Chrome Plated CuZn40Pb2 Brass
8. O-ring	Viton
9. Lever	Epoxy Coated Carbon Steel
10. Stop Plate	Galvanized Carbon Steel
11. Spring Washer	Galvanized Carbon Steel
12. Handle Support	EN GJS 400-15 Epoxy Coated Ductile Iron
13. Handle Stop	Galvanized Carbon Steel

See following page/s for dimensions, headloss & pressure/temp charts

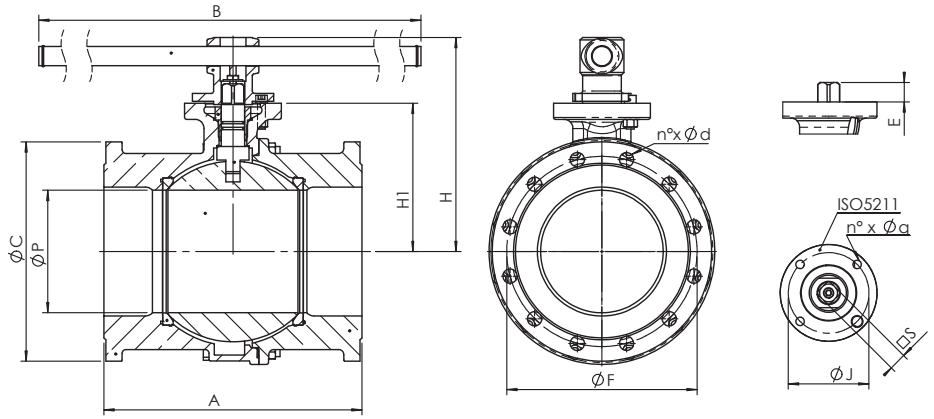
Ductile Iron Ball Valve - Flanged ANSI 150 - Direct Mount

LV 5561

½" to 6"



8"



Dimensions

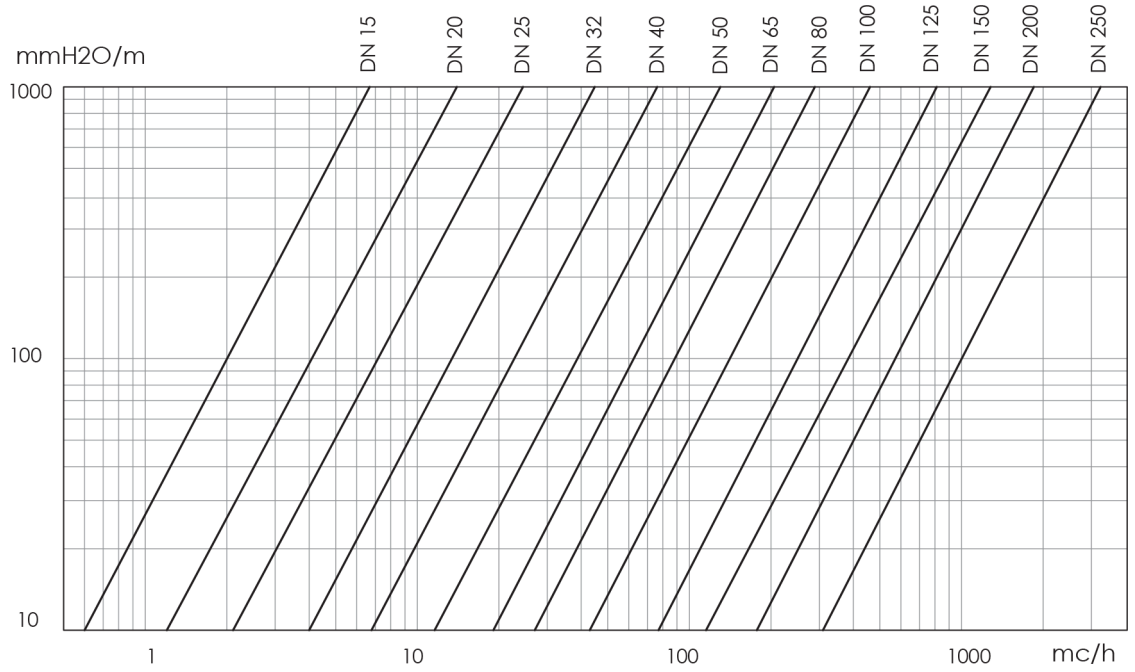
DN	P	A	H	H1	B	C	F	n x d	ISO	J	N x q	E	S	Nm*	Kv	Kg
½"	15	115	160	50.5	84	95	60	4x13	F04	42	4x6	9.5	9	15	22.3	2.6
¾"	20	120	160	52	84	105	70	4x13	F04	42	4x6	9.5	9	15	47.7	3.3
1"	25	125	170	59	96	115	79	4x13	F04	42	4x6	11	11	18	83.5	4.2
1½"	40	140	125	78.5	230	150	98	4x13	F05	50	4x7	13.5	14	18	255.0	7.5
2"	50	150	135	87	230	165	121	4x16	F05	50	4x7	13.5	14	20	435.0	9.0
3"	76	180	165	118	280	200	152	4x16	F07	70	4x9	15	17	70	947.0	15.5
4"	95	190	180	132.5	360	220	191	8x16	F07	70	4x9	15	17	100	1508.0	18.5
6"	145	210	243	182.5	520	285	241	8x19	F10	102	4x11	21	22	250	4261.0	38.5
8"	190	400	320	230	1000	340	298	8x19	F12	125	4x13	27	27	600	5957.0	93.0

*In order to choose the correct actuator, we recommend multiplying the Nm figure by a safety factor of 1.5

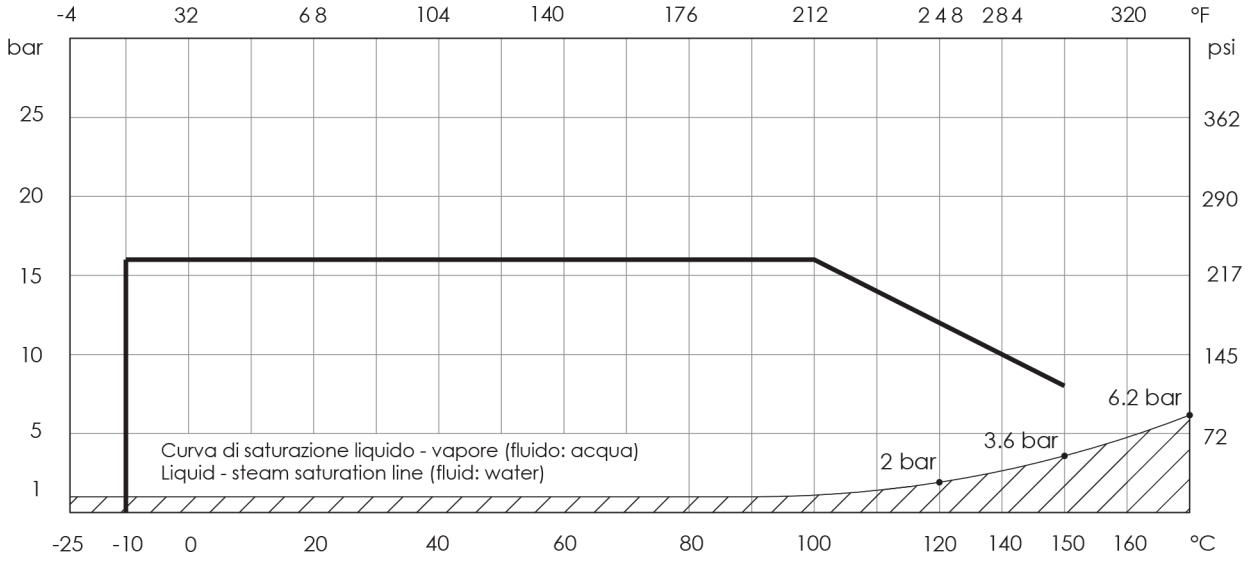
See following page headloss & pressure/temperature charts

Ductile Iron Ball Valve - Flanged ANSI 150 - Direct Mount

Headloss Chart



Pressure/Temperature Chart



Note: This range is not suitable for steam. Do not use when the pressure & temperature are below the liquid/steam saturation line (hatched area)