

34500

Ball valve of carbon steel with flanges DN 15 - 300

06.02.2007

Operation

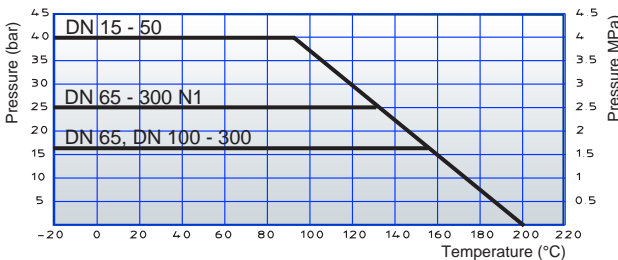
Högfors welded ball valve is a tight on-off valve suitable for liquid and air pipe systems. This valve is used amongst others in district heating networks and in industry.

Nominal pressure PN 40, PN 25, PN 16
according to flange drilling

Tightness class ISO 5208, EN 12266-1, RATE A

Operating temperature max +200°C/ min -20°C

The max pressure difference depends on the working temperature



Construction

Högfors 34500 ball valve with flanges and the body made of carbon steel. Floating ball and blow-out proof stem are made of stainless steel. Ball sealing is of PTFE+C. Stem has O-rings.

Conform with the requirements of the Council Directive 97/23/EC on Pressure Equipment, marking:

Class: Gas, group 2



Nominal dimensions: DN15 - 300

Product codes: 34500TR_ _ _ with handlever
 34500TR_ _ _ Z with bare shaft
 34500TR_ _ _ M with manual gear
 34500TR_ _ _ N1 PN 25

Materials

Body: EN 10216-2 P235GH, DIN 17175 ST35.8
 Ball: DIN 17457 1.4301

Stem: EN 10088-3 1.4305
 Seal: PTFE+C
 Stem seals: FPM, EPDM

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Dimensions

DN	PN	N1	Kv100	d	D	N1	L	H	h	l	a	b	H2	Flange ISO5211	Weight kg
15	40		8	10	95		130	91	30	110	-	-	-		2,0
20	40		13	15	105		150	95	30	110	-	-	-		2,6
25	40		25	20	115		160	115	36	140	-	-	-		3,3
32	40		41	24	140		180	119	36	140	-	-	-		4,9
40	40		65	31	150		200	145	47	180	-	-	-		5,9
50	40		100	39	165		230	151	47	180	-	-	-		7,5
65	16	25	180	50	185	185	270	169	50	250	-	-	-		11,0
80		25	270	65		200	280	180	50	250	-	-	-		14,0
100	16	25	420	80	220	235	300	218	55	320	-	-	-		18,6
125	16	25	650	100	250	270	325	233	55	320	-	-	-		27,5
150	16	25	950	125	285	300	350	297	56	600	-	-	-		42
150	16	25	950	125	285	300	350	-	-	-	247	305	425	F12	53 *)
200	16	25	1700	150	340	360	400	-	-	-	247	305	445	F12	66 *)
250	16	25	2600	200	405	425	533	-	-	-	264	305	493	F14	116 *)
300	16	25	4500	250	460	485	610	-	-	-	362	457	609	F16	190 *)

*) with manual gear

