

34500

# Ball valve of carbon steel with flanges DN 15 - 300

06.02.2007

## Operation

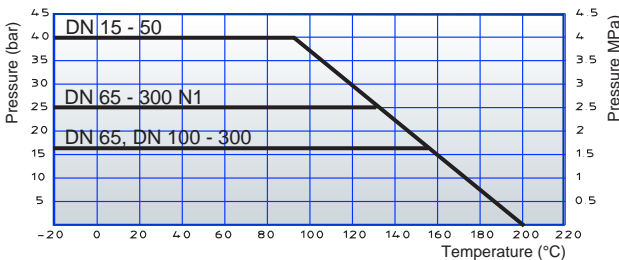
Högfors welded ball valve is a tight on-off valve suitable for liquid and air pipe systems. This valve is used amongst others in district heating networks and in industry.

**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

