

34000

# Ball valve of carbon steel with weld ends DN 15 - 400

07.11.2007

## Operation

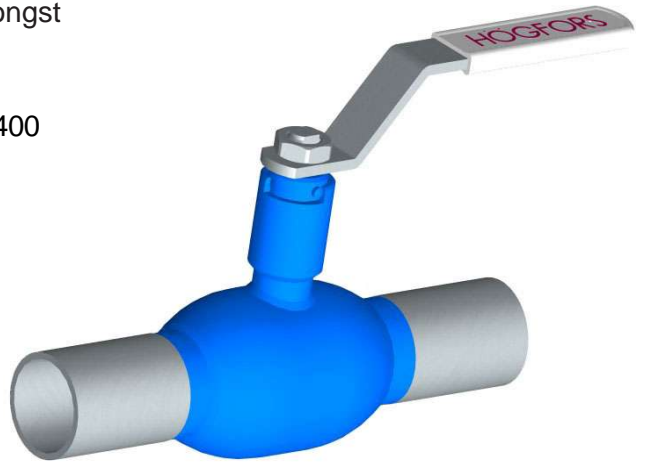
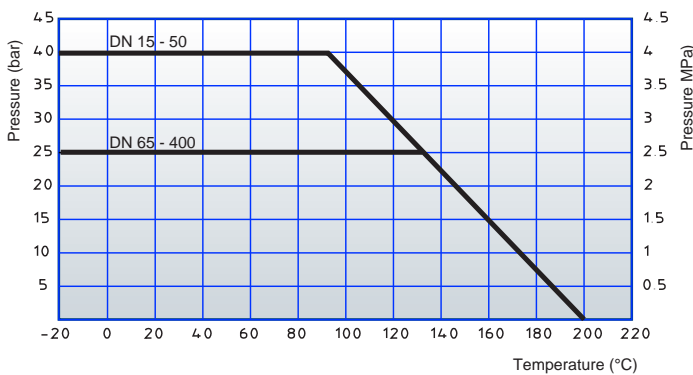
HÖGFORS welded ball valve is a tight on-off valve suitable for liquid and air pipe systems. This valve is used amongst others in district heating networks and in industry.

**Nominal pressure** PN 40 DN 15 - 50, PN 25 DN 65 - 400

**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 34000 ball valve has weld ends and the body is 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:** DN 15 - 400

### Product code:

Unpainted weld ends DN 15 - 100

34000TR\_\_\_ N9E with handlever

34000TR\_\_\_ Z9E with bare shaft

34000TR\_\_\_ M9E with manual gear

Painted weld ends DN 125 - 400

34000TR\_\_\_ with handlever

34000TR\_\_\_ Z with bare shaft

34000TR\_\_\_ M with manual gear

## Materials

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

Ball: DIN 17457 1.4301/ ASTM A351 CF8M

Stem: EN 10088-3 1.4305/ 1.4460

Seal: PTFE+C

Stem seals: FPM, EPDM

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Dimensions

DN	PN	KV <sub>100</sub>	d	D	s	L	H	h	l	a	b	H2	Flange ISO5211	Weight kg
15	40	8	10	21,3	2,0	230	91	30	110	-	-	-		0,6
20	40	13	15	26,9	2,3	230	95	30	110	-	-	-		0,8
25	40	25	20	33,7	2,6	230	115	36	140	-	-	-		1,1
32	40	41	24	42,4	2,6	260	119	36	140	-	-	-		1,5
40	40	65	31	48,3	2,9	260	145	47	180	-	-	-		1,9
50	40	100	39	60,3	2,9	300	151	47	180	-	-	-		2,4
65	25	180	50	76,1	2,9	300	169	50	250	-	-	-		5,0
80	25	270	65	88,9	3,2	300	180	50	250	-	-	-		6,0
100	25	420	80	114,3	3,6	325	218	55	320	-	-	-		11,0
125	25	650	100	139,7	4,0	325	233	55	320	-	-	-		15
150	25	950	125	168,3	4,5	350	297	56	600	-	-	-		27
150	25	950	125	168,3	4,5	350	-	-	-	247	305	425	F12	38 *)
200	25	1700	150	219,1	6,3	400	-	-	-	247	305	445	F12	48 *)
250	25	2600	200	273,0	6,3	530	-	-	-	264	305	493	F14	90 *)
300	25	4500	250	323,9	7,1	550	-	-	-	362	457	609	F16	168 *)
400	25	10500	340	406,4	7,1	860	-	-	-	500	500	749	F25	422 *)

\*) with manual gear

