

## Ball valve with weld ends full bore of stainless steel PN 40, PN 25



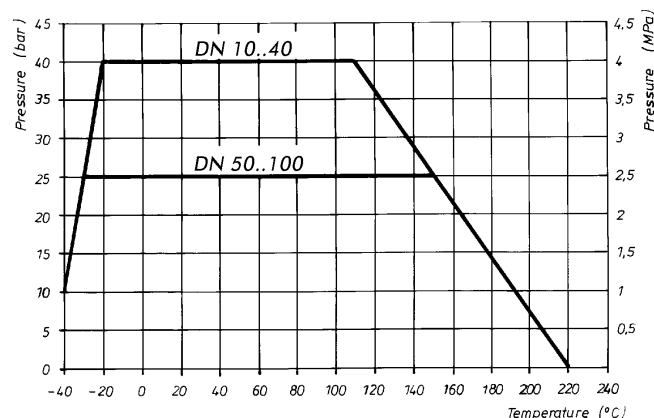
### Application

The ball valve is a tightly closing stop valve suitable for liquid and gas pipe systems. It is used, for example, in industrial piping.

**Nominal pressure** 40 bar DN 10 ... 40  
25 bar DN 50 ... 125

**Operating temperature** max +220 °C  
min -40 °C


**Maximum closing pressure difference** depends on the working temperature.



### Design

These valves have weld ends, full bore and ball seals of PTFE

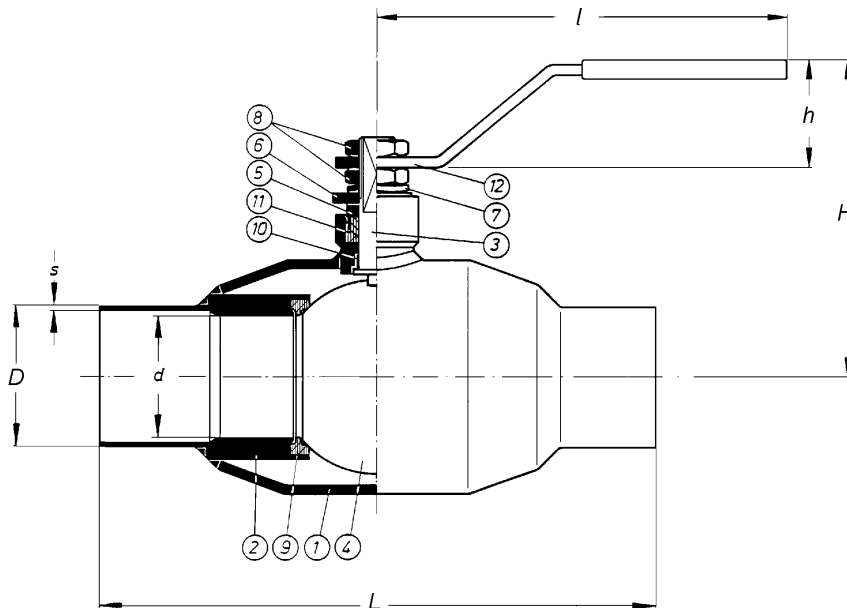
**Nominal sizes** DN 10 ... 125

Conform with the requirements of the Council Directive 97/23/EC on Pressure Equipment, marking:  0434

### Code number

470TS \_\_\_ with manual lever  
470TS \_\_\_ Z with bare shaft  
470TS \_\_\_ M with gear

## Ball valve with weld ends



### Parts

- 1. Body
- 2. Connecting pipe
- 3. Stem
- 4. Ball
- 5. Spacer ring
- 6. Retaining plate
- 7. Spring
- 8. Hexagonal nut
- 9. Ball seal
- 10. Bearing
- 11. Stem seal
- 12. Lever

SIS 2343  
 SIS 2343  
 W:no 4401  
 SIS 2343

PTFE+C  
 PTFE+C  
 PTFE

### Dimensions

DN	PN	Kv <sub>100</sub>	d	D	s	L	H	h	l	Weight kg
10	40	7	10	17,2	1,6	230	73	30	110	0,4
15	40	13	15	21,3	1,6	230	73	30	110	0,6
20	40	25	20	26,9	1,6	230	95	36	140	0,9
25	40	41	24	33,7	2,0	230	98	36	140	1,3
32	40	65	31	42,4	2,0	260	122	47	180	2,0
40	40	100	39	48,3	2,0	260	128	47	180	2,5
50	25	180	50	60,3	2,0	300	150	50	250	4,4
65	25	270	65	76,1	2,0	300	162	50	250	7,0
80	25	420	80	88,9	2,6	300	183	55	320	13
100	25	650	100	114,3	3,0	325	198	55	320	22
125	25	950	125	139,7	2,6	325	240	56	600	33