

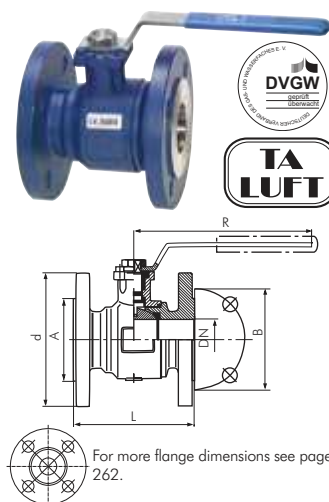
## Flanged ball valves, 2-piece, full bore, DVGW tested\*

PN 40

**Materials:** Housing: Cast steel, ball: Stainless steel AISI 304, seal: PTFE/FKM  
**Temperature range:** -20°C to max. +180°C, gas: -20°C to max. +60°C (dependent on operating pressure)  
 Length according to DIN 3202-F4 (DIN EN 558-1, row 14), assembly flange conforming to ISO 5211  
**Operating range:** Water, oil, compressed air, fuels, gas  
**Optional:** Pneumatic actuator\* -P, electric actuator\* -EL

Type	DN	L	A	B	d	R	ISO 5211
KHFL 15/40	15	115	45	65	95	130	F 03
KHFL 20/40	20	120	58	75	105	130	F 03
KHFL 25/40	25	125	68	85	115	170	F 05
KHFL 32/40	32	130	78	100	140	170	F 05
KHFL 40/40	40	140	88	110	150	220	F 05
KHFL 50/40	50	150	102	125	165	220	F 05
KHFL 65/40	65	170	122	145	185	250	F 07
KHFL 80/40	80	180	138	160	200	350	F 10
KHFL 100/40	100	190	162	190	235	350	F 10

\* please specify the exact operating case.



## Stainless steel flanged ball valves, 2-piece, full bore

PN 16

**Materials:** Housing: AISI 316, ball: AISI 316, seal: PTFE (15% GF)/FKM, handle: AISI 304  
**Temperature range:** -20°C to max. +200°C  
 Length according to DIN 3202-F4 (DIN EN 558-1, row 14) (from DN 150 according to DIN 3202-F5, DIN EN 558-1, row 15), assembly flange conforming to ISO 5211, lockable hand lever, please order padlocks separately (see page 641).  
**Operating range:** Water, steam, oil, compressed air, fuels, solvents, aggressive media  
**Optional:** Pneumatic actuator (see page 307), electric actuator\* -EL, certificate 3.1

Type	DN	L	A	B	d	R	ISO 5211
KHFL 15/16 ES	15	115	45	65	95	169	F 04
KHFL 20/16 ES	20	120	58	75	105	169	F 04
KHFL 25/16 ES	25	125	68	85	115	205	F 05
KHFL 32/16 ES	32	130	78	100	140	205	F 05
KHFL 40/16 ES	40	140	88	110	150	267	F 07
KHFL 50/16 ES	50	150	102	125	165	267	F 07
KHFL 65/16 ES	65	170	122	145	185	298	F 07
KHFL 80/16 ES	80	180	138	160	200	390	F 07
KHFL 100/16 ES	100	190	158	180	220	390	F 07
KHFL 150/16 ES	150	350	212	240	285	743	F 12
KHFL 200/16 ES	200	400	268	295	340	925	F 12

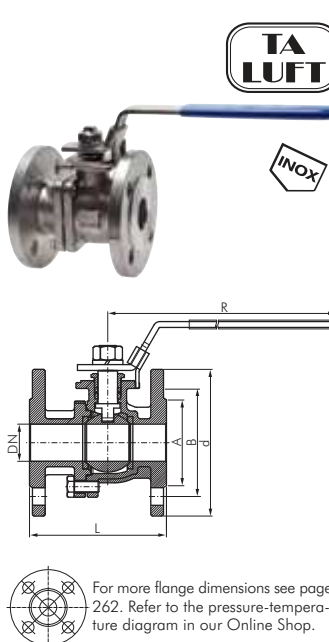
Order example: KHFL 15/16 ES \*\*

Standard type

### Designation for the options:

Pneumatic actuator ..... -see page 307  
 Electric actuator\* ..... -EL

\* please specify the exact operating case.



## Stainless steel flanged ball valves, 2-piece, full bore

PN 40

**Materials:** Housing: AISI 316, ball: AISI 316, seal: PTFE (15% GF)/FKM, handle: AISI 304  
**Temperature range:** -20°C to max. +200°C  
 Length according to DIN 3202-F4 (DIN EN 558-1, row 14) (from DN 150 according to DIN 3202-F5, DIN EN 558-1, row 15), assembly flange conforming to ISO 5211, lockable hand lever, please order padlocks separately (see page 641).  
**Operating range:** Water, steam, oil, compressed air, fuels, solvents, aggressive media  
**Optional:** Pneumatic actuator (see page 307), electric actuator\* -EL, certificate 3.1

Type	DN	L	A	B	d	R	ISO 5211
KHFL 15/40 ES	15	115	45	65	95	169	F 04
KHFL 20/40 ES	20	120	58	75	105	169	F 04
KHFL 25/40 ES	25	125	68	85	115	205	F 05
KHFL 32/40 ES	32	130	78	100	140	205	F 05
KHFL 40/40 ES	40	140	88	110	150	267	F 07
KHFL 50/40 ES	50	150	102	125	165	267	F 07
KHFL 65/40 ES	65	170	122	145	185	298	F 07
KHFL 80/40 ES	80	180	138	160	200	390	F 07
KHFL 100/40 ES	100	190	162	190	235	390	F 07
KHFL 150/40 ES	150	350	218	250	300	743	F 12
KHFL 200/40 ES	200	400	285	320	375	925	F 12

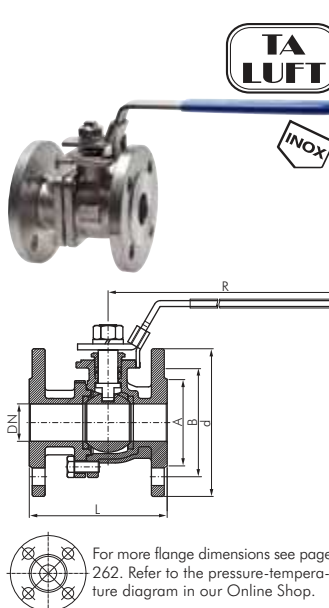
Order example: KHFL 25/40 ES \*\*

Standard type

### Designation for the options:

Pneumatic actuator ..... -see page 307  
 Electric actuator\* ..... -EL

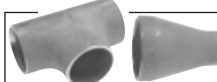
\* please specify the exact operating case.



Flanges and  
flange seals  
from page 263



Flanges  
from page 260



Butt weld fittings  
from page 254



Compensators  
from page 264

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.