



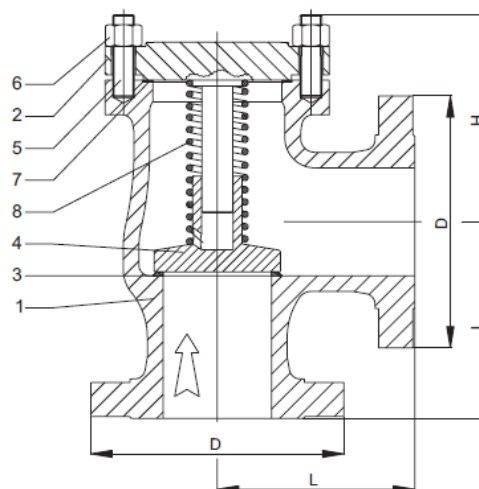
Angle Lift check valve

5/904

PN 16 - 100

Standard features

- Description
 - Pressure seal cover
 - Lapped disc and seat
 - Welded in seats
- Design
 - DIN 3352
 - DIN 3840
- Face to face
 - DIN 3202
- Flanges
 - DIN 2501
 - DIN 2547
 - DIN 2526 form E
 - BW to DIN 3239
- Testing
 - DIN 3352 Part 1
 - DIN 3230 Part 3
- Rating
 - DIN 2401
- Marking
 - EN 19
 - CE - PED
- Certificates
 - EN 10204 - 3.1 B



Pos.	Part name	SET 1 - (cast iron)	SET 2	SET 3
1	Body	EN-GJL-250	1.0619 ^(A)	1.4581
2	Cover	EN-GJL-250	1.0619 ^(B)	1.4581
3	Ring - seat surface	N/A	X20Cr13 ⁽¹⁾	X5CrNiMo17-12-2 ⁽¹⁾
4	Disc - seat surface	X20Cr13 ⁽²⁾	X20Cr13 ⁽²⁾	X5CrNiMo17-12-2 ⁽²⁾
5	Retainer flange	X5CrNiMo17-12-2	X5CrNiMo17-12-2	X5CrNiMo17-12-2
6	Segmented retainer ring	CK35	CK35	A2-70
7	Spacer ring	C35	C35	A2-70
8	Gasket	S.S. reinforced graphite ⁽³⁾	S.S. reinforced graphite ⁽³⁾	S.S. reinforced graphite ⁽³⁾

1) On request: faced with Stellite® - Monel® - Hastelloy® - other materials

2) On request: faced with Stellite® - Monel® - Hastelloy® - other materials

3) On request: Soft iron - Stainless steel

A) For PN ≤ 40 and DN ≤ 50 = 1.0460

For PN ≥ 63 and DN ≤ 25 = 1.0460

B) For PN ≤ 40 and DN ≤ 80 = 1.0460

For PN ≥ 63 and DN ≤ 40 = 1.0460



Angle Lift check valve

5/904

PN 16 - 100

Angle lift check valve - DIN PN 16 - cast iron - F32

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450	500	600
L	90	95	100	105	115	125	145	155	175	200	225	250	275	325	375	425	475	500	575	675
RF	90	95	100	105	115	125	145	155	175	200	225	250	275	325	375	425	475	500	575	675
D	95	105	115	140	150	165	185	200	220	250	285	315	340	405	460	520	580	640	715	840
H	70	80	85	100	110	115	130	145	165	185	205	235	250	300	360	410	460	520	570	-

Angle lift check valve - DIN PN 25 / 40 - F32

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450	500	600
L	90	95	100	105	115	125	145	155	175	200	225	250	275	325	375	425	475	500	575	675
RF / BW	90	95	100	105	115	125	145	155	175	200	225	250	275	325	375	425	475	500	575	675
D-PN25	95	105	115	140	150	165	185	200	235	270	300	330	360	425	485	555	620	670	730	845
D-PN40	95	105	115	140	150	165	185	200	235	270	300	350	375	450	515	580	660	685	755	890
H	70	80	85	100	110	125	145	160	190	220	250	295	320	385	450	510	585	610	670	-

Angle lift check valve - DIN PN 63 - F33

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450
L	105	105	115	130	130	150	170	190	215	250	275	300	325	390	450	515	575	700
RF	105	105	115	130	130	150	170	190	215	250	275	300	325	390	450	515	575	700
D	105	130	140	155	170	180	205	215	250	295	345	375	415	470	530	600	670	800
H	105	120	120	135	150	160	180	200	230	280	310	340	390	430	500	-	-	-

Angle lift check valve - DIN PN 100 - F33

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300
L	105	105	115	130	130	150	170	190	215	250	275	300	325	390	450
RF	105	105	115	130	130	150	170	190	215	250	275	300	325	390	450
D	105	130	140	155	170	195	220	2530	265	315	355	385	430	505	585
H	105	120	120	135	150	170	200	220	250	300	350	380	410	480	570

All dimensions in [mm] (except where differently indicated)

Features on request

- Disc with PTFE or rubber
- Integral seat
- By pass
- Drain plug
- BW ends
- RTJ flanges
- ANSI connections