



*standard features*

- **Description** FULL OPENING  
BOLTED COVER  
LAPPED DISC AND SEAT  
RENEWABLE SEAT
- **Design** EN 12516
- **Face to face** EN 558  
EN 1298L
- **Flanges** EN 1092  
EN 12627  
BW TO DIN 3239
- **Testing** EN 12267
- **Rating** EN 1092
- **Marking** EN 19  
CE - PED
- **Certificates** EN 10204 - 3.1 / 3.2

PART NAME	A13xx	C13xx	FH13xx	F13xx
1 Body	1.0619	1.7363	1.4552	1.4408
2 Cover	1.0619	1.7363	1.4552	1.4408
3 Seat ring surface	X20Cr13 (1)	X20Cr13 (1)	X6CrNiTi18-10 (1)	X5CrNiMo17-12-2 (1)
4 Disc seat surface	X20Cr13 (2)	X20Cr13 (2)	X6CrNiTi18-10 (2)	X5CrNiMo17-12-2 (2)
5 Hinge	1.0619 (3)	X5CrNiMo17-12-2 (3)	X6CrNiTi18-10 (3)	GX5CrNiMoNb19-11-2 (3)
6 Inge pin	X20Cr13	X20Cr13	X6CrNiTi18-10	X5CrNiMo17-12-2
7 Plug	1.0460	X5CrNiMo17-12-2	X5CrNiMo17-12-2	X5CrNiMo17-12-2
8 Plate	1.0460	X5CrNiMo17-12-2	X5CrNiMo17-12-2	X5CrNiMo17-12-2
9 Nut	C35	24CrMo5	A2-70	A2-70
10 Pin	X5CrNiMo17-12-2	X5CrNiMo17-12-2	X5CrNiMo17-12-2	X5CrNiMo17-12-2
11 Bolts	CK35	21CrMoV57	A2-70	A2-70
12 Nut	C35	24CrMo5	A2-70	A2-70
13 Gasket	← S.S. spiral wound reinforced graphite (4) →			

(1) On request: faced with Stellite® - Monel® - Hastelloy® - other materials  
 (2) On request: faced with Stellite® - Monel® - Hastelloy® - other materials  
 (3) On request: 17 Cr - Monel® - Hastelloy® - other materials

(4) On request: PTFE - other materials

**FIG. 1311 - SWING CHECK VALVES DIN PN 16 - F6**

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	1000
L RF/BW	200	240	260	300	350	400	500	600	700	800	900	1100	1300	1500	1700	1900	2100
D	165	185	200	220	250	285	340	405	460	520	580	715	840	910	1025	1125	1255
H	150	180	200	225	270	300	355	390	445	495	530	620	730	--	--	--	--

**FIG. 1312 - SWING CHECK VALVES DIN PN 16 - F1**

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	1000
L RF/BW	230	290	310	350	400	480	600	730	850	980	1100	1250	1450	1650	1850	2050	2250
D	165	185	200	220	250	285	340	405	460	520	580	715	840	910	1025	1125	1255
H	150	180	200	225	270	300	355	390	445	495	530	620	730	--	--	--	--

**FIG. 1313 - SWING CHECK VALVES DIN PN 25 - F1**

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	1000
L RF/BW	230	290	310	350	400	480	600	730	850	980	1100	1250	1450	1650	1850	2050	2250
D	165	185	200	235	270	300	360	425	485	555	620	730	845	960	1085	1185	1320
H	165	180	200	235	270	300	360	425	485	495	530	740	--	--	--	--	--

**FIG. 1314 - SWING CHECK VALVES DIN PN 40 - F1**

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	1000
L RF/BW	230	290	310	350	400	480	600	730	850	980	1100	1250	1450	1650	1850	2050	2250
D	165	185	200	235	270	300	375	450	515	580	660	775	890	995	1140	1250	1360
H	150	180	200	225	270	300	355	390	445	495	530	740	--	--	--	--	--

**FIG. 1315 - SWING CHECK VALVES DIN PN 63 - F2**

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	1000
L RF/BW	300	340	380	430	500	550	650	775	900	1025	1150	1400	1600	--	--	--	--
D	180	205	215	250	295	345	415	470	530	600	670	800	930	--	--	--	--
H	195	210	230	290	305	370	410	470	520	--	--	--	--	--	--	--	--

**FIG. 1316 - SWING CHECK VALVES DIN PN 100 - F2**

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	1000
L RF/BW	300	340	380	430	500	550	650	775	900	1025	1150	1400	1600	--	--	--	--
D	195	220	230	265	315	355	430	505	585	655	715	870	990	--	--	--	--
H	195	210	230	290	305	370	410	470	520	--	--	--	--	--	--	--	--

**FIG. 1317 - SWING CHECK VALVES DIN PN 160 - F8**

SIZE DN	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	1000
L RF/BW	300	360	390	450	525	600	750	900	1050	1200	1350	1650	--	--	--	--	--
D	195	220	230	265	315	355	430	515	585	--	--	--	--	--	--	--	--
H	195	210	230	290	305	370	410	--	--	--	--	--	--	--	--	--	--

*features on request*

- DISK WITH PTFE OR RUBBER
- LEVER AND WEIGHT
- SHOCK ABSORBER
- LOCKING DEVICE
- INTEGRAL SEAT
- BY-PASS
- DRAIN PLUG
- BW ENDS
- RTJ FLANGES
- ANSI CONNECTIONS

All dimensions in mm (except where differently indicated)

All data, subject to technical changes, are only for information and not for official use.