



*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	A1431-A1560R-A1570R-A1580R	F1431-F1560R-F1570R-F1580R
1 <b>Body</b>	1.0619 (A)	1.4408
2 <b>Cover</b>	1.0619 (B)	1.4408
3 <b>Seat ring surface</b>	X20Cr13 (1)	X5CrNiMo17-12-2 (1)
4 <b>Disc seat surface</b>	X20Cr13 (2)	X5CrNiMo17-12-2 (2)
5 <b>Spring</b>	X5CrNiMo17-12-2	X5CrNiMo17-12-2
6 <b>Bolts</b>	CK35	A2-70
7 <b>Nuts</b>	C35	A2-70
8 <b>Gasket</b>	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: PTFE - other materials

- (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

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**FIG. 1402 - PISTON CHECK VALVES DIN PN 16 - CAST IRON - F1**

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450	500	600
L RF	130	150	160	180	200	230	290	310	350	400	480	550	600	730	850	980	1100	1200	1250	1450
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	--

**FIG.1431 - PISTON CHECK VALVES DIN PN 25 / 40 - F1**

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450	500	600
L RF/BW	130	150	160	180	200	230	290	310	350	400	480	550	600	730	850	980	1100	1200	1250	1450
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	65	75	85	100	110	125	145	160	190	220	250	295	320	385	450	510	585	610	670	--

**FIG. 1560R - PISTON CHECK VALVES DIN PN 63 - F2**

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	500	600	--
L RF/BW	210	230	230	260	260	300	340	380	430	500	550	600	650	775	900	1025	1150	1400	1600	--
D	105	130	140	155	170	180	205	215	250	295	345	375	415	470	530	600	670	800	930	--
H	105	120	120	135	150	160	180	200	230	280	310	340	390	430	500	--	--	--	--	--

**FIG. 1570R - PISTON CHECK VALVES DIN PN 100 - F2**

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	--	--	--	--	--
L RF/BW	210	230	230	260	260	300	340	380	430	500	550	600	650	775	900	--	--	--	--	--
D	105	130	140	155	170	195	220	230	265	315	355	385	430	505	585	--	--	--	--	--
H	105	120	120	135	150	170	200	220	250	300	350	380	410	480	570	--	--	--	--	--

**FIG. 1580R - PISTON CHECK VALVES DIN PN 160 - F2**

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	--	--	--	--	--
L RF/BW	210	230	230	260	260	300	340	380	430	500	550	600	650	775	900	--	--	--	--	--
D	105	130	140	155	170	195	220	230	265	315	355	390	430	515	585	--	--	--	--	--
H	110	125	125	140	155	180	220	240	270	320	370	400	430	500	600	--	--	--	--	--

*features on request*

- DISC WITH PTFE OR RUBBER
- INTEGRAL SEAT
- BY-PASS
- DRAIN PLUG
- BW ENDS
- RTJ FLANGES
- ANSI CONNECTIONS

All dimensions in mm (except where differently indicated)

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