



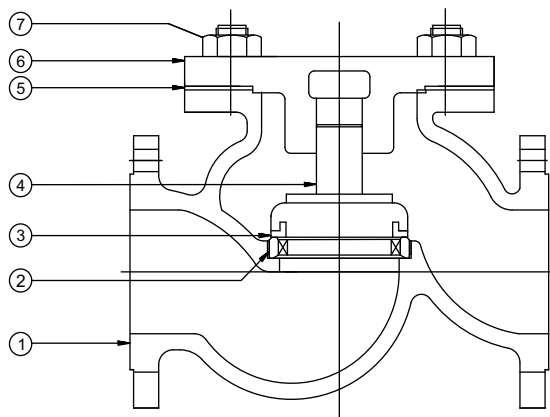
CAST IRON HORIZONTAL CHECK VALVES- EN 12334

PN 10, PN 16

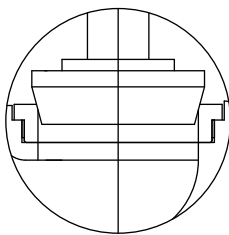
SPECIFICATIONS

RIGHT ANGLE PATTERN, BOLTED COVER, FLANGES AS PER BS 4504 DIN 2532 OR 2533- AS APPLICABLE

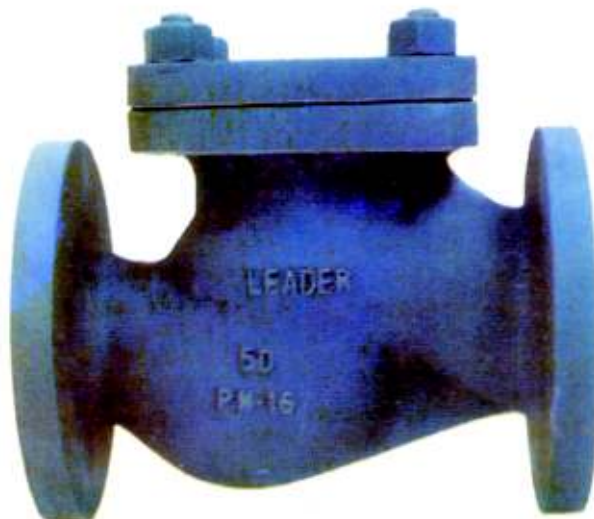
PRESSURE-TEMPERATURE RATINGS



FLAT TYPE DISC



PLUG TYPE DISC



STANDARD MATERIAL COMBINATION

PART NO	QTY.	DESCRIPTION	MATERIALS	
			Cu-ALLOY TRIM	S.S TRIM
1	1	BODY	C.I TO EN 1561 Gr. GJL200	C.I TO EN 1561 Gr. GJL200
2	1	BODY SEAT RING	G.M. TO EN 1982 Gr. CC491K	S.S TO BS 970 Gr. 410 S21/ASTM A182 Gr. F6a OR THEIR Eq.
3	1	DISC	WITH INTEGRAL FACE	G.M. TO EN 1982 Gr. CC491K
		WITH SEPARATE FACING RING	C.I TO EN 1561 Gr. GJL200	S.S TO BS 970 Gr. 410 S21/ASTM A182 Gr. F6a/ASTM A217 Gr. Ca15 OR THEIR Eq.
4	1	DISC FACING RING	G.M. TO EN 1982 Gr. CC491K	S.S TO BS 970 Gr. 410 S21/ASTM A182 Gr. F6a OR THEIR Eq.
5	1	GASKET	SUITABLE FOR THE DUTY	SUITABLE FOR THE DUTY
6	1	COVER	C.I TO EN 1561 Gr. GJL200	C.I TO EN 1561 Gr. GJL200
7	1	STUDS & NUTS	CARBON STEEL TO BS 916	CARBON STEEL TO BS 916

PRESSURE/ TEMPERATURE RATINGS TO BS 5153

NOMINAL PRESSURE	MAX. PERMISSIBLE GAUGE WORKING PRESSURE °C				
	-10 TO 120 °C	150 °C	180 °C	200 °C	220 °C
PN 10	10 bar	9.2 bar	8.5 bar	8.0 bar	8.0 bar
PN 16	16 bar	14.8 bar	13.9 bar	13.0 bar	13.0 bar

NOTE: The above data is subject to change without notice due to our continuing product improvement program.

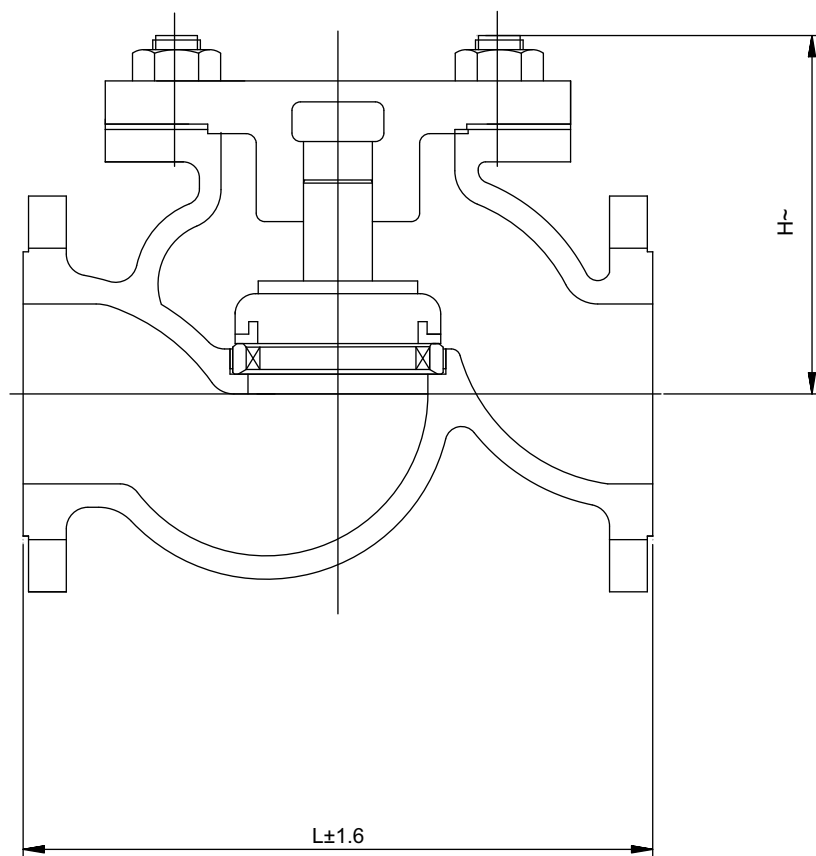


FIG. NO. CI019

CATALOGUE FIG. NOS.

ITEM	SIZES	FIG. NO.	END DETAILS
CAST IRON HORIZONTAL CHECK VALVE- BS PN 16 (S.S. TRIM)	≤ 150mm	CI-019 RF	FLANGED ENDS TO DIN 2533 PN-16 RF

DIMENSIONAL DATA

DN NPS	15 ½	20 1/4	25 1	32 1-1/4	40 1 ½	50 2	65 2-½	80 3	100 4	125 5	150 6	200 8	250 10	300 12
L(RF)	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	85	85	90	100	115	130	160	170	190	210	282	310	325	380
Aprox. Wt. ⤴														
ITEM CODE NOS.	Pn16 (S.S.TRIM)	CI 019 D	CI 019 F	CI 019 G	CI 019 H	CI 019 I	CI 019 J	CI 019 K	CI 019 L	CI 019 N	CI 019 O	CI 019 P	-	-

TEST PRESSURES

NOMINAL PRESSURE RATING	SHELL TEST (HYDROSTATIC)	SEAT TEST (HYDROSTATIC)	STANDARD NO.
PN 10	15 bar	10 bar	BS 5153
PN 16	24 bar	16 bar	

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