



POS	DESC	MATERIALS		SPARES
1	Body	ASTM A105	ASTM A182 F316	
2	Flange	ASTM A105	ASTM A182 F316	
3	Glass	TEMPERED	TEMPERED	X
4	Gasket	Caf	Caf	X
5	Bolt	ASTM A193 B7	ASTM A193 B8	
6	Flange	ASTM A105	ASTM A182 F316	
7	Flange WN	ASTM A105	ASTM A182 F316	

(3) Borosilicate acc. to DIN7080
(4) C.A.F. : Compressed Aramidic Fibre

SIZE	S	H	D	C	Weight (Kg)	(SF) ANSI UNI-DIN
½"	90	84	40	12	1.3	130
¾"	90	84	40	12	1.3	150
1"	100	94	50	12	2.3	160
1½"	127	114	70	12	3.5	200

CONNECTIONS

Screwed	ANSI B1.20.1 NPT - BS21 BSP
Socket weld	ANSI B16.11
Flanged	ANSI B16.5 150#/300# / UNI / DIN / PN 16/25/40

LIMITING CONDITIONS

Acc. to the body rating ANSI 300 (B 16.34)

GLASS CONDITION	TEMPERED		
DN	½" – ¾"	½" – ¾"	1½"
Norm. work temp.	130°C	130°C	130°C
Max. work temp. (for 300 h)	150°C	150°C	150°C
Termic shock	120°C	120°C	120°C
Max. pressure (bar)	50	50	24
GLASS CONDITION	BOROSILICATE		
DN	½" – ¾"	½" – ¾"	1½"
Norm. work temp.	280°C	280°C	280°C
Max. work temp. (for 300 h)	300°C	300°C	300°C
Termic shock	265°C	265°C	265°C
Max. pressure (bar)	50	50	24