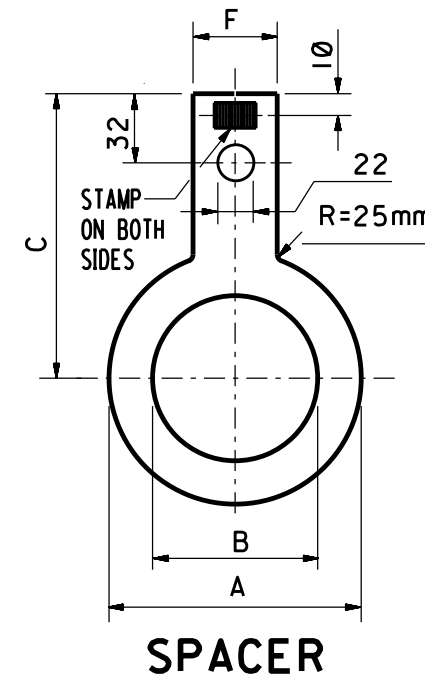




CLASS	NOMINAL PIPE SIZE (in.)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	T (mm)	V (mm) SEE NOTE -4	BLIND MASS (kg.)	SPACER MASS (kg.)	SPECTACLE MASS (kg.)
150	54"	1545	1355	885	1695	240	50	115	71	32	1118	260	1378
	60"	1710	1505	970	1865	235	65	115	79	32	1490	337	2048
300	54"	1485	1355	875	1670	310	75	175	113	32	1746	302	1873
	60"	1640	1505	950	1820	305	75	170	123	32	2400	376	2776

1. SPECTACLE PLATES, BLINDS AND SPACERS ARE TO BE MADE FROM STEEL PLATE 516GR70 OR EQUAL WITH SPECIFIED MINIMUM YIELD STRENGTH OF 262 MPa.
2. THICKNESS "T" IS CALCULATED PER ASME B31.3 PAR. 304.5.3 WITH SE = 235.8 MPa (0.9 SMYS) AND P = 7.8 MPa FOR CLASS 150.
3. TOLERANCES: DIAMETERS "A" & "B" $\pm 1.5\text{mm}$, -1.5mm
THICKNESS "T": $+1.5\text{mm}$, -0.25mm
4. LIFTING EYE IS TO BE FORMED FROM STEEL ROD OF COMPOSITION SIMILAR TO THAT OF THE PLATE.
5. GASKET CONTACT SURFACES (AREA BETWEEN DIAMETERS "A" & "B") SHALL HAVE A SURFACE FINISH ROUGHNESS IN THE RANGE BETWEEN 3.2 AND 6.4 μm AARH (SEE ASME B46.1) AS JUDGED BY VISUAL COMPARISON.
FLANGE SURFACES SHALL BE PARALLEL.
6. SPECTACLE PLATE MAY BE FABRICATED BY WELDING TWO SECTIONS TOGETHER. WELDING SHALL BE 100% PENETRATION BY A PROCEDURE APPROVED BEFORE FABRICATION. WELDING TO BE GROUND TO SMOOTH CONTOUR.
7. EDGES OF BLINDS TO BE FREE FROM ROUGH BURN FINISH AND BURRS.
8. STAMP SIZE AND RATING IN 8mm LETTERS WHERE INDICATED ON DRAWING, ON BOTH SIDES OF PLATE.
9. 4 HOLES 6mm LARGER THAN BOLT HOLES ON BOLT CIRCLE PER ASME B16.47 SERIES B FLANGE FOR CLASS 75, AND PER STD. DWG AE-036634 AND AE-036991 FOR CLASS 150 AND 300 RESPECTIVELY.

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