



H MAX (mm)	ID MAX (mm)	TOTAL MAX WEIGHT (HYDRO TEST+INT.) TON.	LEG SIZE (mm)	BASE PLATE SIZE mm
1000	UP TO 1300	3.00	L 75 x 75 x 13	140 x 140 x 14
	1300 TO 1600	5.00	L 100 x 100 x 13	205 x 205 x 14
	1600 TO 2000	8.50	L 100 x 100 x 16	200 x 200 x 15
2000	UP TO 1300	4.7	L 100 x 100 x 13	205 x 205 x 14
	1300 TO 1600	7.3	L 100 x 100 x 16	200 x 200 x 15
	1600 TO 2000	12.0	L 130 x 130 x 13	230 x 230 x 14
3000	UP TO 1300	6.3	L 100 x 100 x 13	205 x 205 x 14
	1300 TO 1600	9.0	L 100 x 100 x 16	200 x 200 x 15
	1600 TO 2000	15.7	L 130 x 130 x 16	230 x 230 x 14
4000	UP TO 1300	7.5	L 100 x 100 x 13	205 x 205 x 14
	1300 TO 1600	12.0	L 130 x 130 x 13	230 x 230 x 14
	1600 TO 2000	19.3	L 130 x 130 x 20	230 x 230 x 20
5000	UP TO 1300	9.5	L 100 x 100 x 16	200 x 200 x 15
	1300 TO 1600	14.4	L 130 x 130 x 16	230 x 230 x 16
	1600 TO 2000	21.0	L 150 x 150 x 13	300 x 300 x 15
6000	UP TO 1300	11.0	L 130 x 130 x 11	255 x 255 x 15
	1300 TO 1600	16.3	L 130 x 130 x 16	230 x 230 x 16
	1600 TO 2000	25.0	IPE 270	
7000	UP TO 1300	12.7	L 130 x 130 x 13	230 x 230 x 14
	1300 TO 1600	19.0	L 130 x 130 x 20	230 x 230 x 20
	1600 TO 2000	30.0	IPE 300	
8000	UP TO 1300	14.3	L 130 x 130 x 16	230 x 230 x 14
	1300 TO 1600	21.4	L 150 x 150 x 13	300 x 300 x 16
9000	UP TO 1300	15.9	L 130 x 130 x 16	230 x 230 x 16
	1300 TO 1600	23.8	IPE 270	

**NOTES:**

- 1- ALL DIMENSIONS ARE IN mm, OTHERWISE AS SPECIFIED.
- 2- VESSEL DRAWING SPECIFIES REQUIREMENT OF REINFORCING PAD FOR CARBON STEEL VESSELS. FOR ALLOY STEEL VESSELS REINFORCING PAD IS REQUIRED. PAD THICKNESS MUST BE INDICATED ON THE VESSEL DRAWING. Z DIMENSION SHALL BE SIZED BY VENDOR.
- 3- WHERE REQUIRED REINFORCING MATERIAL SHOULD BE THE SAME AS VESSEL MATERIAL.
- 4- PROVIDE TWO EARTH TERMINALS AT 180° FOR EQUIPMENT WITH FOUR SUPPORT LEGS MAT. 18-8 S.S.
- 5- S=LEG (ANGLE) THICKNESS
- 6- FOR INTERMEDIATE VALUES OF THE TABLE USE LARGER FIGURES.
- 7- MAX. LENGTH OF LEG (L) IS 2.5 METERS.
- 8- ALL CORNERS OF BASE PLATE SHALL BE ROUNDED OFF TO A 10 mm RADIUS.
- 9- NO WIND OR EARTH QUAKE LOADINGS HAVE BEEN CONSIDERED.
- 10- TEMPERATURE EFFECT HAS NOT BEEN CONSIDERED.
- 11- COMPRESSION STRENGTH OF THE CONCRETE IS 3000 PSI.
- 12- TABLE CAN BE USED BASED ON THE VESSEL WEIGHT.
- 13- SUPPORT LEGS SHALL HAVE THE SAME P-NUMBER AS THE VESSEL TO WHICH THEY ARE WELDED. FOR CS VESSELS SUPP. MATERIAL IS ASTM. A-36 FOR ALLOY VESSELS SUPPORT MATERIAL IS THE SAME AS VESSEL MATERIAL.
- 14- THE WELDS SHALL BE CARRIED OUT AND INSPECTED AT SHOP AS PER ASME CODE.

REV	DESCRIPTION	DATE
C		
B		
A		

IRANIAN PETROLEUM STANDARDS   
NO REVISION PERMITTED UNLESS APPROVED BY STANDARD ORGANIZATION

SUPPORT LEG AND BASE PLATE DETAILS

DATE	DRAWING No.	SHEET	REV.
	IPS - D - ME - 011	1	1