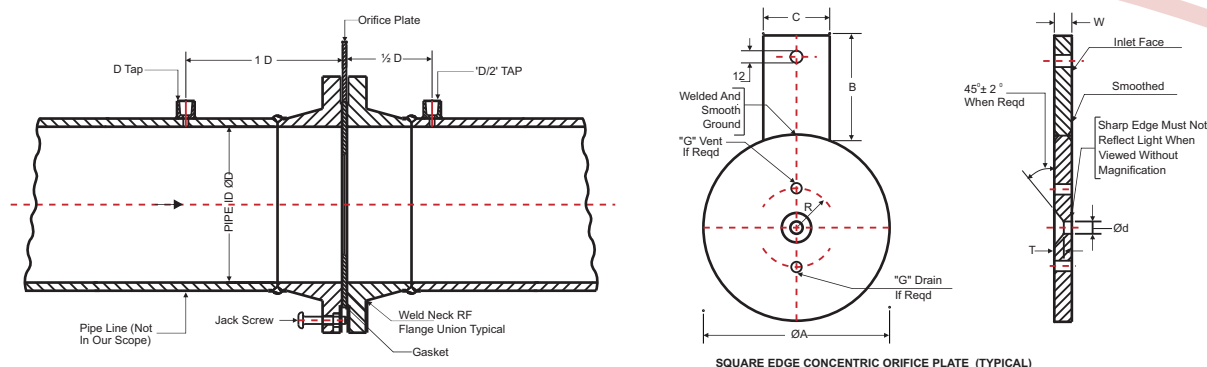


FE440# Series Orifice Assembly With D - D/2 Taps



These assemblies are provided with pressure taps located at a distance equal to Pipe Internal Diameter upstream of the Orifice Plate and at 1/2 Pipe internal Diameter downstream of the Orifice Plate. These taps are also called as Radius taps and are largely replaced by Vena Contracta taps. Line Sizes of 10" and above are recommended to have these taps.

The pressure taps are located on the pipe wall and not flanges. Flange bore is machined to the required finish as per ISO: 5167 and is equal to the pipe internal diameter. Flanges can be supplied with the IBR /NACE Certification on demand. Flange dimensions shall be as per ANSI B16.36 / ANSI B16.5, JIS, BS, DIN, API etc.

Code	Element Type/ Orifice Type
SEC	Square Edge Concentric
QE	Quadrant Edge
CE	Conical Entrance
EC	Eccentric
SG	Segmental

Code	Element Material
304/L	AISI 304 / 304 L
316/L	AISI 316 / 316 L
321	AISI 321
347	AISI 347
Mo	Monel 400
INC6	Inconel - 600
Hb/Hc	Hastelloy B/C
Other	Please Specify

Code	Element Thickness
W1	3.175 mm
W2	6.350 mm
W3	9.52 mm
W4	12.7 mm
XX	Other [Please Specify]

Code	Flange Size & Rating
XX	Define eg: 25 NB 300# Refer Table - 1

Code	Flange Type
WN	Weld Neck
SO	Slip On
SW	Socket Weld
Th	Threaded

Code	Flange Facing
RF	Raised Face
FF	Flat Face
RTJ	Ring Type Joint
Other	Refer Table - 8

Code	Flange Bore / Pipe Sch.
XX	Define eg: Sch. 80 [Refer Table - 3]

Code	Option
0	None
1	IBR Form IIIC
Other	See Table 7

Code	Pressure Tapping Connection
3N	1/2" NPT [F]
4N	3/4" NPT [F]
1B	1/2" BSP [F]
2B	3/4" BSP [F]
1T	Other [see table - 6]

Code	Gasket Material
G1	CAF
G2	[SS304 + CAF]
G3	[Ss316 + CAF]
Other	Select from Table 5

Code	Gasket Type
FR	Flat Ring
SP	Spiral Wound
RX	Ring Type Joint
Other	Please Define

Code	Stud / Nuts & Jack Screw Mat'l
B7/2H	A193 Gr.B7 / A194 Gr.2H
	Other [see Table - 4]

Code	Flange Type
A105	ASTM A105
F304	A182 Gr.F304
F316	A182 Gr.F316
F304L	A182 Gr.F304L
F316L	A182 Gr.F316L
F321	A182 Gr.F321
F5	A182 Gr.F5
F11	A182 Gr.F11
F12	A182 Gr.F12
LF2	A350 Gr.LF2
LF3	A350 Gr.LF3
Other	Please Specify

ORDERING INFORMATION

FE440# Series SEC-316-W1-250NB 150# WN-RF-Sch.20-A105-B7/2H-FR-G1-3N-Op0

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