

RESTRICTION ORIFICE PLATE
MODEL : F400 SERIES

WISE[®]

DESCRIPTION

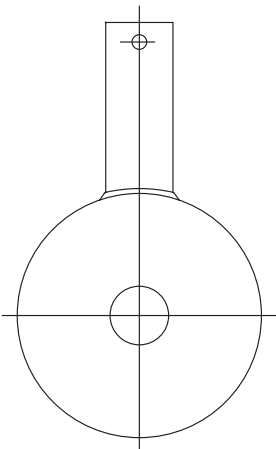
The restriction orifices are used for reducing fluid pressure and are designed somewhat different from the orifice plates that are used for measuring flow rates.

There are some types of restriction orifices, including a single plate with a single hole, a single perforated plate (having diffused holes), and a set of several welded orifices (a multistage orifice) for high-pressure high-temperature fluids.

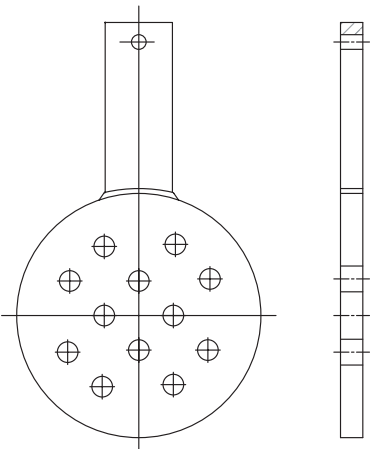
The bore edge of the restriction orifices can be surface-hardened by reinforcement with stellite or by nitriding.



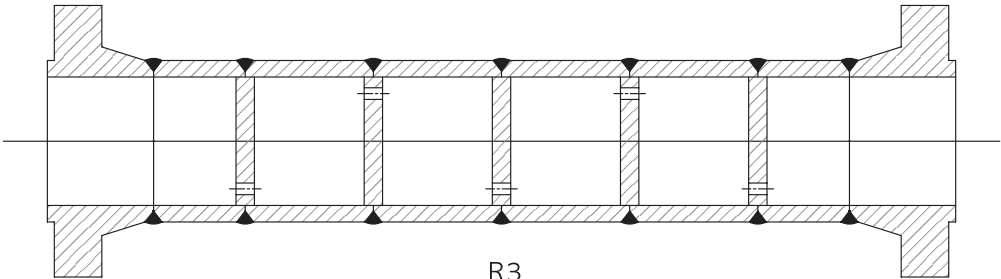
SPECIFICATION



R1



R2



R3

ORIFICE ORDERING INFORMATION

(Restriction Orifice Plate)

F400

TYPE

R1 : Restriction Orifice

R2 : Multi Hole

R3 : Multi Stage

LINE SIZE

JIS (mm)	ANSI (inch)	DIN (mm)	JIS (mm)	ANSI (inch)	DIN (mm)
J015 : 15A	A001 : 1/2B	D015 : 15A	J250 : 250A	A012 : 10B	D250 : 250A
J020 : 20A	A002 : 3/4B	D020 : 20A	J300 : 300A	A013 : 12B	D300 : 300A
J025 : 25A	A003 : 1B	D025 : 25A	J350 : 350A	A014 : 14B	D350 : 350A
J040 : 40A	A004 : 1 1/2B	D040 : 40A	J400 : 400A	A015 : 16B	D400 : 400A
J050 : 50A	A005 : 2B	D050 : 50A	J450 : 450A	A016 : 18B	D450 : 450A
J065 : 65A	A006 : 2 1/2B	D065 : 65A	J500 : 500A	A017 : 20B	D500 : 500A
J080 : 80A	A007 : 3B	D080 : 80A	J600 : 600A	A018 : 24B	D600 : 600A
J100 : 100A	A008 : 5B	D100 : 100A	J700 : 700A	A019 : 28B	D700 : 700A
J125 : 125A	A009 : 5B	D125 : 125A	J800 : 800A	A020 : 32B	D800 : 800A
J150 : 150A	A010 : 6B	D150 : 150A	J000 : 1000A	A021 : 40B	D000 : 1000A
J200 : 200A	A011 : 8B	D200 : 200A	XXXX : OHTER		

BORE TYPE

C : Concentric Edge

FLANGE RATING

JIS	ANSI	DIN
J010 : JIS 10K	A010 : ANSI 150#	P010 : PN10
J016 : JIS 16K	A020 : ANSI 300#	P016 : PN16
J020 : JIS 20K	A030 : ANSI 600#	P025 : PN25
J030 : JIS 30K	A040 : ANSI 900#	P040 : PN40
J040 : JIS 40K	A050 : ANSI 1500#	
J063 : JIS 63K	A060 : ANSI 2500#	

PLATE MATERIAL

4 : 304SS M : Monel
6 : 316LSS O : Other
T : Titanium

PIPE MATERIAL

C : A106 Gr.B
4 : SUS304 O : Other
5 : SUS316 N : None

OPTION

FI : Flange Included
NO : None

F400

R1

A002

C

A020

M

O

NO