MODEL : DHON

DESCRIPTION

The Flow nozzles, more costly than other orifice due to their structure, are suited for determining the flow rates of fiuids flowing at high temperature and high pressure. Under the same measuring conditions, a flow nozzle has a higher mechanical strengh. can permit the flow of more than 60 percent greater volume of a fluid, and can measure the flow rates of fluids containing solid particles less disturbed, than an orifice having the same bore.
Thus, they are suited, in addition, for highspeed flowing fluids. We can supply not single flow nozzles, but also flow nozzles having welded short pipes on both their upstream and downstream sides.

SPECIFICATIONS

MOUNTING TYPE : ISO 5167 Long Radius
- Weld in type : FIG 1
- Holding Ring type : FIG 2
- Flange type : FIG 3

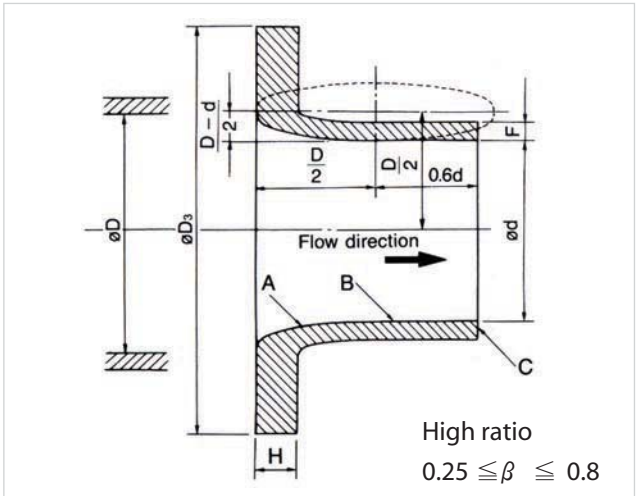
FLOW CALCULATION STANDARDS
- ISO5167, JIS Z 8762, ASME, KS A 0612

PRESSURE TAPS
- 1D-1/2D taps

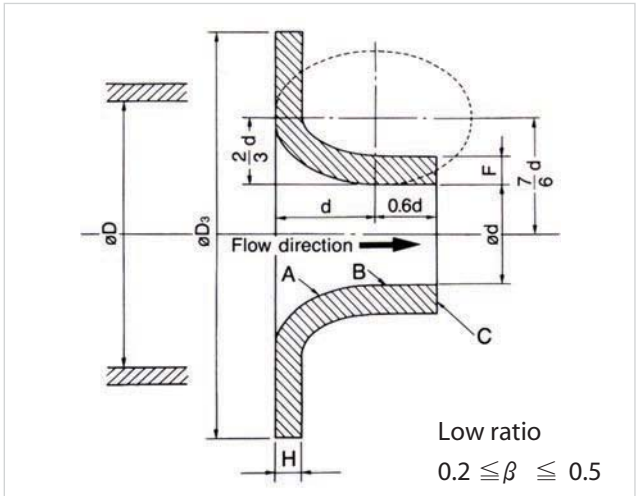
NOMINAL PIPE SIZES AVAILABLE
- 2 to 24B(50A to 600A)

MATERIAL
- Carbon Steel
- 304SS, 304L SS, 316SS, 316L SS
- Ni, Cr, Mo Alloy Steel(A182 F11 to 91)

β LIMIT
- $0.2 \leqq \beta \leqq 0.8$
- Low beta long radius nozzle $0.2 \leqq \beta \leqq 0.5$
- High beta long radius nozzle $0.25 \leqq \beta \leqq 0.8$



High ratio
$0.25 \leqq \beta \leqq 0.8$

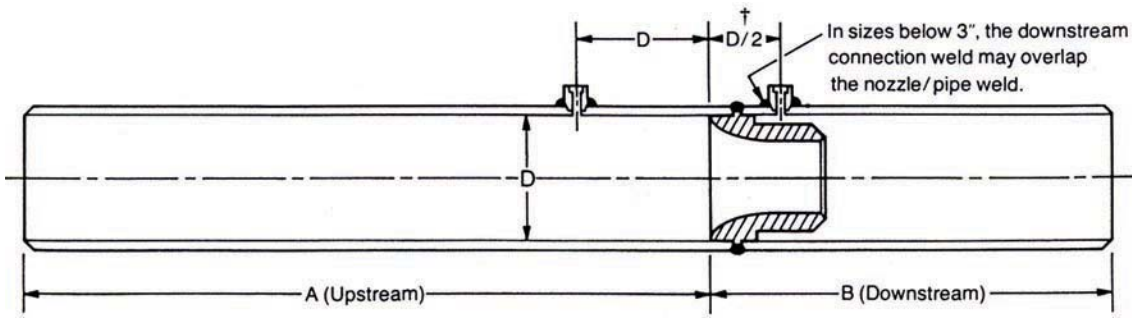


Low ratio
$0.2 \leqq \beta \leqq 0.5$

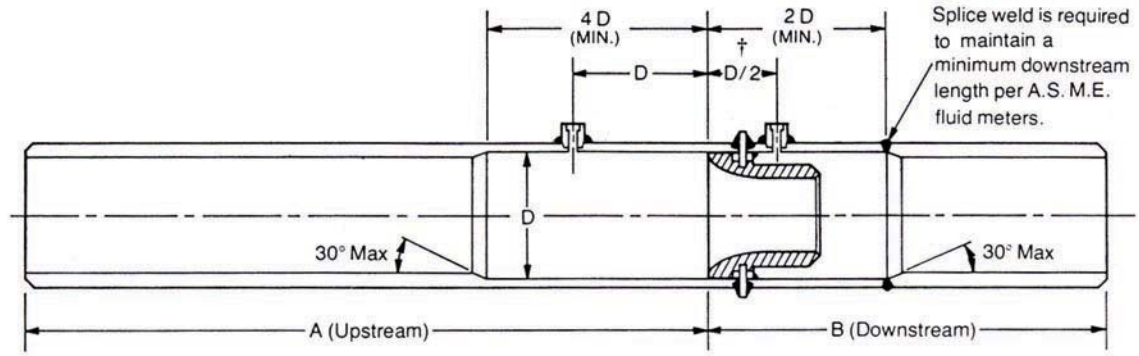
Long radius nozzle

MODEL : DHON

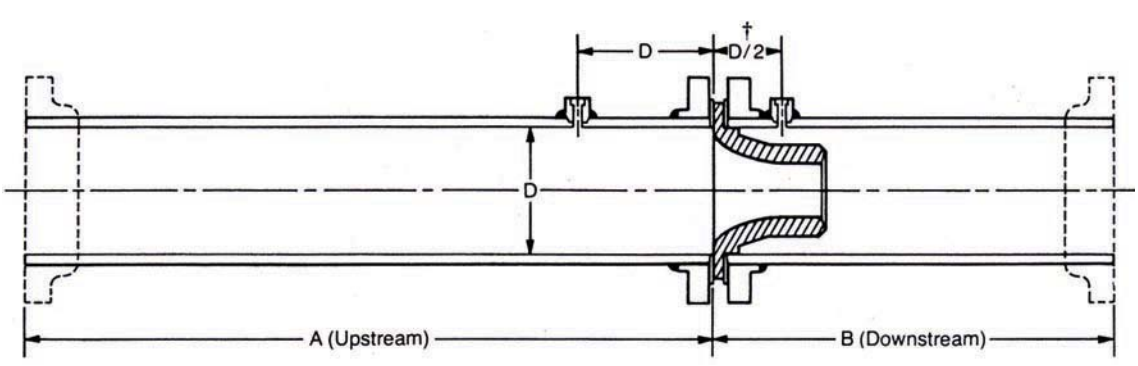
The flow nozzles are more expensive than orifice due to their structure, however, they are suitable for determining the flow rates of fluids at high temperature and high pressure.
The flow nozzles can measure the flow rates of fluids containing a little amount of solid particles with les inconvenience than orifices. under the same measuring conditions, the flow nozzle permits the flow rate of 60% more than that of the same sized orifice, and also, it is suitable fo high velocity fluid because of a high mechanical strength.
We can supply not only single flow nozzles, but also flow nozzle assembles having welded short pipes on both upstream and down stream sides.



Weld in type : FIG 1



Holding Ring type : FIG 2



Flange type : FIG 3

MODEL : DHON

MODEL	SUFFIX CODES		DESCRIPTION
DHON	BW		Weld in type
	HR		Holding Ring type
	FL		Flange type
Meter Run	N		Element Only
	Y		Meter run Include
Nominal Pipe Size	□□□		Pipe size in inch or mm
Nozzle Material	A1		A105
	4S		A182 F304
	4L		A182 F304L
	6S		A182 F316
	6L		A182 F316L
	11		A182 F11
	22		A182 F22
	51		A182 F51
	91		A182 F91
	OP		Option
Meter Run Material	A5		A 53 Gr B
	10		A 106 Gr B
	P1		A 335 P11
	P2		A 335 P22
	P5		A 335 P51
	P9		A 335 P91
	00		Option
Diff' Taps	1		NPT 1/2
	2		NPT 3/4
	3		SW 1/2
	4		SW 3/4
Flange Type		000	Flange Rating
Option			/□□□