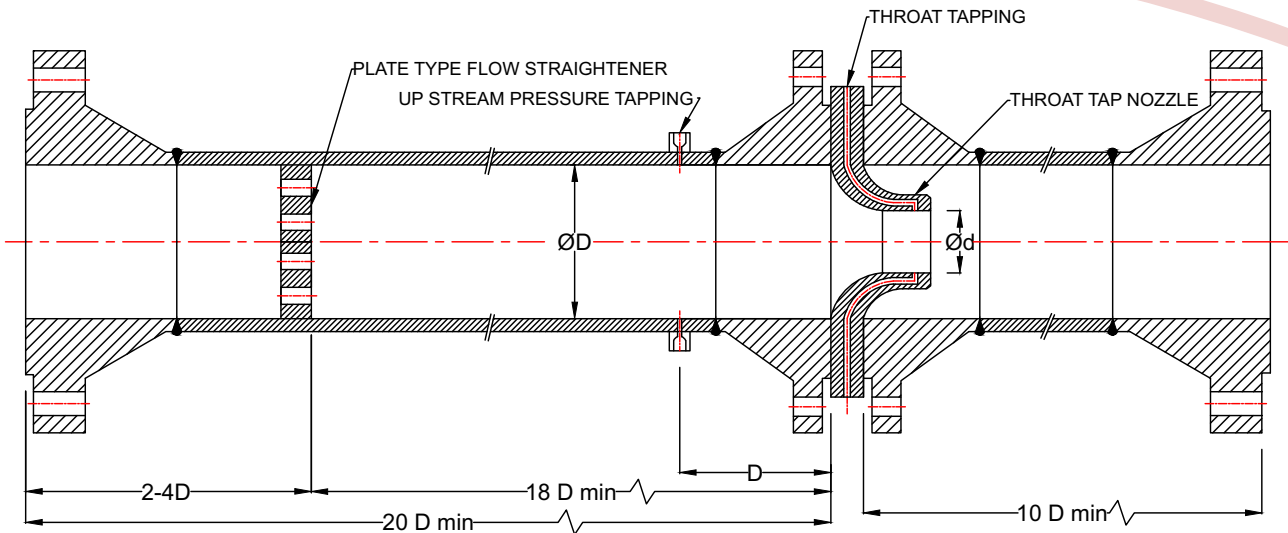


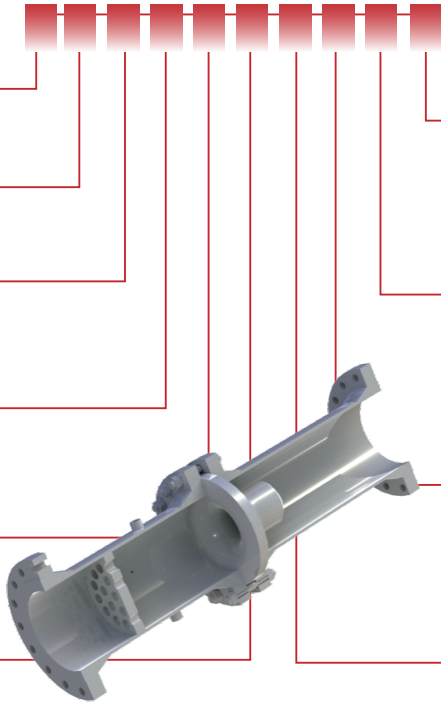
FN500 H# Series Primary Flow Section with Plate Type Straightener



ØD - Internal diameter of pipe
 Ød - Throat diameter

The ASME ATC 6 Test Code provides procedure for the accurate testing of steam turbines. It is recommended for use in conducting acceptance tests of steam turbines and any other situation in which performance levels must be determined with minimum uncertainty. The intent of the code is the accurate instrumentation and best possible measurement techniques be used to determine the performance.

The basic design of a PTC 6 flow section includes a throat tap nozzle with a beta ratio between 0.25. The flow section must be calibrated and shall have an upstream pipe section a minimum of 20 diameters long. The Code also requires the use of a flow straightener installed at least 16 pipe diameters upstream of the primary element. Because of the high degree of accuracy necessary, the Code provides stringent requirements in the manufacture of the flow section.



Code	Element Type
FNT	Flow Nozzle, Low Beta, Throat Tap

Code	Element Material
F316/L	A182 Gr.F316 / F316L

Code	Companion Flange Details
Define	250NB 300#Sch.40WNRF

Code	Flange Material
A105	ASTM A105
304/L	A182 Gr.F304/F304L
316/L	A182 Gr.F316/F316L
Other	Please Specify

Code	Studs/Nuts & Jack Screw Mat'l
B7/2H	A193 Gr.B7 / A194 Gr.2H

Code	Gasket Type
FR	Flat Ring
SP	Spiral Wound
Other	Please Specify

Code	Option
0	None
1	IBR Form IIC
10	Wet Calibration
Other	See Table-7

Code	Meter Tube
A106	A106 Gr.B
P11	A335 Gr.P11
P12	A335 Gr.P12
316/L	A312 TP 316/316L
Other	Please Specify
XX	Not Applicable

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	Please Specify (Refer Table 5)

ORDERING INFORMATION

FN500# Series FNTT-F316-250NB 300# Sch40 WNRF-A105-B7/2H-FR-G1-3N-A106-OP1,OP10

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