

id FN Flow Nozzle Series

FEATURES:

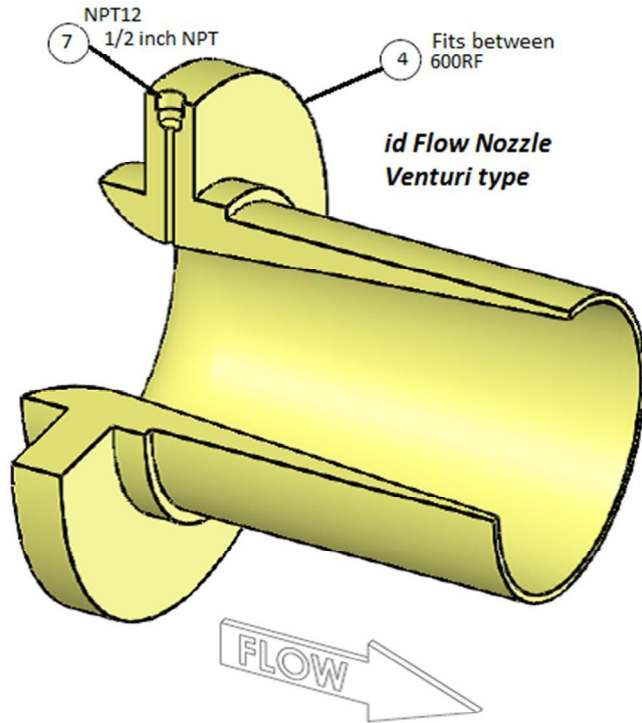
- Designed in accordance with client specified standards including ASME MFC-3M, ASME 19.5 ASME PTC6 and ISO 5167
- Meter Runs with welded or flanged in nozzles, or holding rings
- Either wall tap, throat tap or corner tap configurations
- 304SS, 316SS, Carbon Steel, Alloy 20, F22, F11, P91 and others on request
- Pipe size: 1" to 60" (DN: 25-1500)
- Process Flange weld neck assemblies:, ratings from 150# up to 2500#
- RTJ Flanges, high pressure hub connectors, bevelled ends are available
- Up to 200 cP (centipoises) Viscosity
- Repeatability: +/- 0.1% of flow rate
- Accuracy: +/- 2% of flow rate - with calibration +/-0.25%
- Full documentation covering material traceability and compliance to standards and testing is available

id Flow Nozzle Model Description

Nozzle Model											
IDFN		#2 Line Size									
Type		2	020	#3 Nozzle Material							
Long Radius	LR	3	030	316SS	316	#4 Process Connection Type					
Venturi	V	4	040	304SS	304	Weld In	000	#5 Schedule / ID			
ISA 1932/ISO	ISO	6	060	Carbon Steel	WCB	ANSI 150 RF	150RF	SCH 10	010	#6 Instrument Connection Option	
		8	080	Hastelloy	HST	ANSI 300 RF	300RF	SCH 10S	010S	Wall Tap	WT
		10	100	Alloy Steel F11	F11	ANSI 600 RF	600RF	SCH 40	040	Corner Tap	CT
		12	120	Alloy Steel F22	F22	ANSI 900 RF	900RF	SCH 40S	040S	Throat Tap	TT
		14	140	Chromium-molybdenum	CrMo	ANSI 1500 RF	1500RF	SCH 80	080	#7 Size	
		16	160	Others on application		ANSI 150 RTJ	150RTJ	SCH 80S	080S	1/2 inch NPT	NPT12
		18	180			ANSI 300 RTJ	300RTJ	SCH 120	120	3/4 inch NPT	NPT34
		20	200			ANSI 600 RTJ	600RTJ			1/2 inch SW	SO12
		24	240			ANSI 900 RTJ	900RTJ	ID	Value	3/4 inch SW	SO34
						ANSI 1500 RTJ	1500RTJ			Others on application	
						Others on application					

IDFNV-100-304-600RF-9.561-PT-NPT12

IDFNV	100	304	600RF	9.561	PT	NPT12
#1	#2	#3	#4	#5	#6	#7



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id Flow Nozzle Meter Run Model Description

Meter Run	IDFMR
Nozzle Type	#1 Model
Flanged	NF
Weld in	NW
Holding Ring	NHR

#2 Line Size	
0.5	005
0.75	075
1	010
1.5	015
2	020
2.5	025
3	030
4	040
6	060
8	080
10	100
12	120
14	140

#3 Meter Run Material		
16	316SS	316
18	304SS	304
20	Carbon Steel	WCB
24	F11	F11
	F22	F22
	P91	P91
Other		

#4 Schedule / ID	
Schedule 10	010
Schedule 10S	010S
Schedule 40	040
Schedule 40S	040S
Schedule 80	080
Schedule 80S	080S
Schedule 120	120
Schedule 160	160
Standard	STD
Extra Strong	XS
ID	value

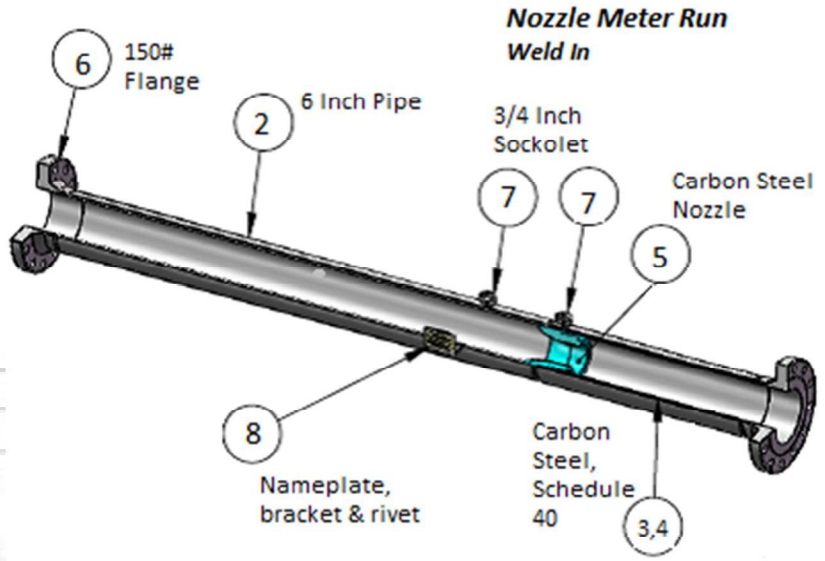
#5 Nozzle Material		
Schedule 10	316SS	316
Schedule 10S	304SS	304
Schedule 40	Carbon Steel	WCB
Schedule 40S	Alloy Steel F11	F11
Schedule 80	Alloy Steel F22	F22
Schedule 80S	Chromium-molybdenum	CrMo
Schedule 120	P91	P91
Schedule 160		
Standard		
Extra Strong		
ID		

Others on application

#6 Process Connection	
ANSI 150 RF	150 RF
ANSI 300 RF	300 RF
ANSI 600 RF	600 RF
ANSI 900 RF	900 RF
ANSI 1500 RF	1500 RF

#7 Instrument Connections			
ANSI 150 RTJ	150 RTJ	½ inch NPT	NPT12
ANSI 300 RTJ	300 RTJ	¾ inch NPT	NPT34
ANSI 600 RTJ	600 RTJ	Socket weld ½	SO12
ANSI 900 RTJ	900 RTJ	Socket weld ¾	SO34
ANSI 1500 RTJ	1500 RTJ		

#8 Accessories	
Other	
Additional Options	



IDFMRNW-060-WCB-040-WCB-150-SO34

IDFMRNW	060	WCB	040	WCB	150RF	SO34
#1	#2	#3	#4	#5	#6	#7

Additional options include calculation, sizing, Material Traceability Certificate, NACE, Canadian Registration, drawing, specified inspection and testing, lifting lugs, etcetera.

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