



FLOW NOZZLES

Flow Nozzles are reliable, easy to use and maintenance-free flow meters.

They are particularly well suited to the measurement of high velocity and abrasive process in gas, steam and liquid flows. Used in multiple industries with a wide variety of design options in accordance to ISO 5167-3 and ASME MFC3.

STNOZ-03

FEATURES

- Sur-Tech Flow Nozzles are available from 2" to 50" line sizes weld x weld or any flanged arrangement. There are typically 3 types of Flow Nozzle;

ISA 1932 Nozzles

- Suitable for beta ranges from 0.3 to 0.8
- Flanged, welded and insert type
- Pressure tapping points are outside of the nozzle footprint

Long Radius Nozzles

- High ratio nozzle with beta ranges from 0.25 to < 0.8
- Low ratio nozzle with beta ranges from 0.2 to < 0.5
- Flanged, welded and insert type
- Pressure tapping points are outside of the nozzle footprint

Venturi Nozzles

- Design is a ISA 1932 nozzle with a diffuser
- Low ratio nozzle with beta ranges from 0.2 to < 0.5
- Flanged, welded and insert type
- Pressure tapping points are outside of the nozzle footprint

Note: Option to flow calibrate for higher than published accuracies

ORDERING INFORMATION

Part number format for ordering is as follows; SIZE-SCH-ANSI-CONFIG-FACING-FORM-QTY&TAP-MTL

Size	0.5" - 24" (other sizes available upon request)
SCH	Pipe schedule or custom ID
ANSI	150 - 2500 & up to 10,000 PSI
Configuration	W = Weld x Weld F = Flange x Flange H = Hub x Hub
Flange Facings	RF = Raised Face RTJ = Ring Joint BX = API Groove C = Customer specific
Form	I = ISA 1932 Nozzle L = Long Form Nozzle V = Venturi Nozzle
QTY	Number of pairs of tappings or if annular quantity is 1 pair
TAPPING	T = Thread-o-let F = Flanged A = Annular Ring C = Custom
MATERIAL	C = Carbon Steel 316 = Stainless Steel D = Duplex SD = Super Duplex M = Monel

WORKED EXAMPLE

STNOZ-24-120-900-F-RTJ-V-2T-316	24" Sch.120 900# Flanged (RTJ) Venturi Nozzle with 2 pairs of flanged taps in 316 SS
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