

NEEDLE VALVE

TGI34-1

APPLICATIONS

- Isolation for pressure instruments and Pressure Line
- Liquefied and Gas applications
- Corrosive media

FEATURES

- Suitable for High Pressure line
- Rigid Construction
- Provide drainage / vent- Option

DESCRIPTION

General

Thread design : ANSI B1.20.1 / BS EN ISO 228-1

Storage temperature : -40...+65°C

Service temperature : 240°C max.

Working Pressure : 6000 psi max.

Material of construction

Body material : AISI 304 SS / AISI 316 SS / BRASS

Packing Material : PTFE

Standard version

Stem Type : Hard Seated stem

Wetted Parts: AISI 316 SS

Stem Packing : PTFE

Stem Tip form: Conical Metal Tip

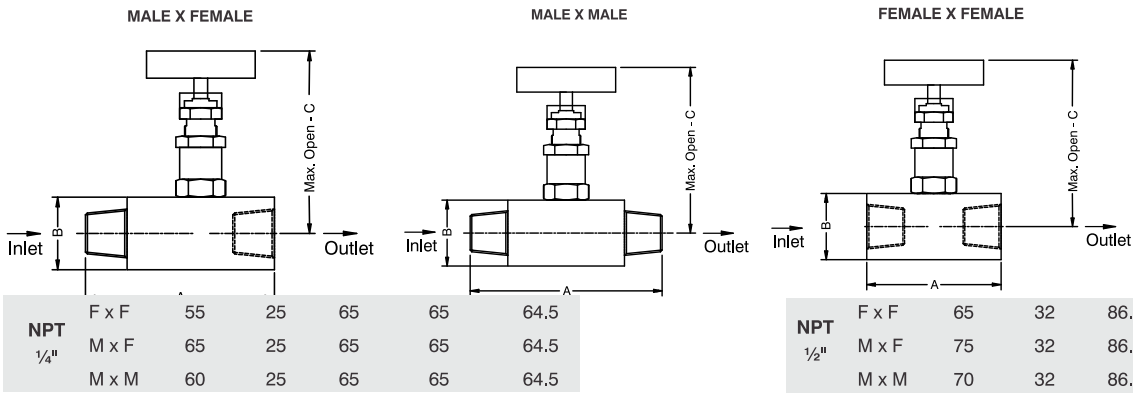
Instrument connection : 1/2" NPT (F) / 1/2" BSP (F)

Process connection : 1/2" NPT (M) / 1/2" BSP (M)



NEEDLE VALVE , TGI34-1

GA DRAWING



INSTRUMENT CONNECTION

S01 AISI 304 SS

ORDERING

MODEL TGI34-1 NEEDLE VALVE										TGI34-1
STEM TYPE										HSM
HSM	Hard seated stem (Metal)			SSD	Soft seated stem (Derlin)		RPD	Rising plug stem (Derlin)		
BODY / WETTED MATERIAL										VS01
VS01 AISI 304 SS		VS02 AISI 316 SS		VS03 AISI 316L SS		VS05 MONEL		VS10 HAST-C		
INSTRUMENT CONNECTION										P27
P28 ½" NPT (F)		P24 ¼" NPT (F)		P23 ¼" BSP (F)		P27 ½" BSP (F)		P04 ¼" NPT (M) P08 ½" NPT (M)		
P03 ¼" BSP (M)		P05 3/8" BSP (M)		P20 M20X1.5mm (M)		P07 1/2" BSP (M)				
PROCESS CONNECTION										P07
P28 ½" NPT (F)		P24 ¼" NPT (F)		P23 ¼" BSP (F)		P27 ½" BSP (F)		¼" NPT (M) P08 ½" NPT (M)		
P03 ¼" BSP (M)		P05 3/8" BSP (M)		P20 M20X1.5mm (M)		P07 1/2" BSP (M)				
STEM PACKING										S11
S11 PTFE		S21 GRAFOIL								
OPTIONS										E90
E90	HYDRO TEST CERTIFICATE			E31	Material test certificate 3.1		E32	Material test certificate 2.2		

Ordering Example : TGI34-1.HSM.P27.P07.S11.E90.E90.

