

FABRICATED FLANGED THERMOWELL TGI33-3

APPLICATIONS

- Air & flue gas
- Tanks & vessels
- HVAC, Air filters & utilities

FEATURES

- Economical version
- Fabricated from pipe
- Flanged process connection



FABRICATED FLANGED THERMOWELL, TGI33-3

DESCRIPTION

General

Flange design : ANSI B16.5 / EN 1092-1 / BS-10

Storage temperature : -40...+65°C

Service temperature : As per material properties

Weld joints : TIG argon arc welding

Material of construction

Head : ASTM A105 / AISI 304 SS / AISI 316 SS / AISI 316L SS

AISI 310 SS / AISI 321 SS / AISI 446 SS

Inconel 600 / Alloy 800 / Alloy 800H

Hastelloy C-276 / Inconel 625 / Inconel 825 / Monel

Well : ASTM A105 / AISI 304 SS / AISI 316 SS / AISI 316L SS

AISI 310 SS / AISI 321 SS / AISI 446 SS

Inconel 600 / Alloy 800 / Alloy 800H

Hastelloy C-276 / Inconel 625 / Inconel 825 / Monel

Standard version

Well form : Straight

Flange / Well Material : AISI 316 SS

Instrument connection : ½" NPT (F)

Process connection : 1" 150# as per ANSI B16.5

Flange facing type : Serrated Raised Face

Head type & size : Round - Ø30 mm

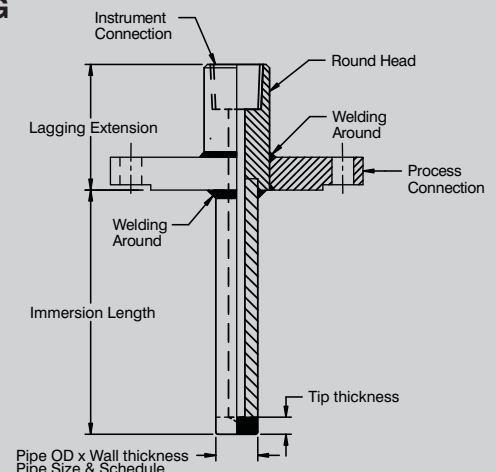
Lagging extension / Immersion length : 50 mm / 300 mm

Well Tubes / Pipes : Tube Ø10 x 1.5 mm THK / ¼" Sch 40

Lagging Extension : 50 mm

Tip thickness : 5 mm

GA DRAWING



FABRICATED FLANGED THERMOWELL

TGI33-3

ORDERING CODES					
MODEL					
TGI33-3 Fabricated flanged thermowell					
WELL FORM					
R3 Straight					
FLANGE MATERIAL					
S09	ASTM A105	S01	AISI 304 SS	S02	AISI 316 SS
S03	AISI 316L SS	S20	AISI 310 SS	S21	AISI 321 SS
S22	AISI 446 SS	S06	Inconel 600	S25	Alloy 800
S26	Alloy 800H	S10	Hastelloy C-276	S23	Inconel 625
S24	Inconel 825	S05	Monel		
WELL MATERIAL					
S09	ASTM A105	S01	AISI 304 SS	S02	AISI 316 SS
S03	AISI 316L SS	S20	AISI 310 SS	S21	AISI 321 SS
S22	AISI 446 SS	S06	Inconel 600	S25	Alloy 800
S26	Alloy 800H	S10	Hastelloy C-276	S23	Inconel 625
S24	Inconel 825	S05	Monel		
INSTRUMENT CONNECTION					
P23	1/4" BSP (F)	P24	1/4" NPT (F)	P27	1/2" BSP (F)
P28	1/2" NPT (F)	P29	3/4" BSP (M)	P30	3/4" NPT (F)
P38	M10 X 1.0 mm (F)	P39	M14 X 1.25 mm (F)	P40	M20 X 1.5 mm (F)
PROCESS CONNECTION					
XXX As per Flange table					
FLANGE FACING					
G1	Serrated raised face	G2	Flat face	G3	Ring type joint face
G4	Tongue & Groove face				
HEAD TYPE & SIZE					
RXX Round with XX mm diameter					
WELL TYPE & SIZE					
PXX	Pipe type (pipe size & schedule)	TXX	Tube type (pipe OD & thickness)		
LAGGING EXTENSION					
XXX 35 mm to 350 mm					
IMMERSION LENGTH					
XXXXX 25 mm to 5000 mm					
TIP THICKNESS					
XX 3 mm to 30 mm					
OTHER OPTIONS					
E77	Plug & Chain in stainless steel	E17	Material test certificate 3.1	E21	Material test certificate 2.2

Ordering Example : TGI33-3.R3.S01.S01.P28.F25.G1/T10x1.5/050.00500.05/XXX