

# FABRICATED THERMOWELL -FLANGE CONNECTION SSKE33-3

## APPLICATIONS

- Air filters & HVAC
- Tanks applications
- Corrosive Environments,
- Power & Steel Industries
- Oil & Gas Applications
- On -shore /Off-shore application

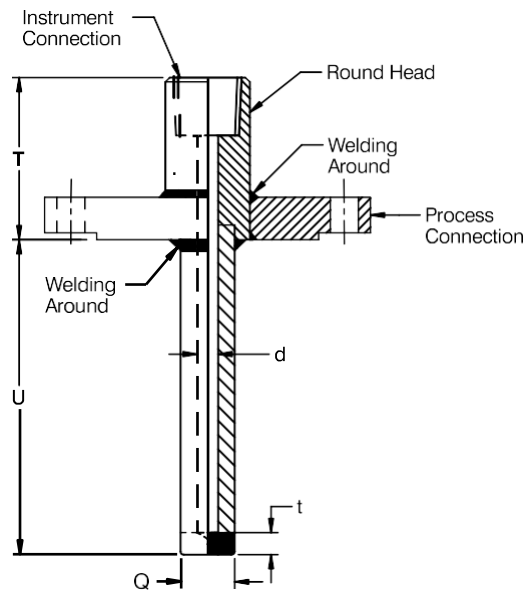
## FEATURES

- Made from Solid Bar stock
- Available in Taper /Partial Taper /Straight Type
- Process Connection -Flange



FABRICATED THERMOWELL -FLANGE CONNECTION, SSKE33-4

## GA DRAWING



### NOTES

1. Standard GA Drawing. Not to scale.
2. Detailed GA Drawings are available, kindly contact factory.

## DESCRIPTION

### General

**Well design:** ASME PTC 19.3 TW: 2010  
**Thread design :** ANSI B1.20.1 /BS EN ISO 228-1  
**Process Connection :** Flange Type  
**Instrument Connection :** Threaded  
**Head :** Round Head  
**Hydro Test Pressure :** 100 bar

### Material of construction

**Thermowell Material :** AISI 304 SS /AISI 316 SS/  
 AISI 316L SS /INCONEL /Carbon Steel/  
 AISI310SS/AISI 446 SS / AISI 321 SS & Alloy 20

### Standard version

**Shank and Material :** Straight Type and AISI 316 SS  
**Instrument connection :** 1/2" NPT (F) /1/2" BSP (F)  
**Process connection :** Flange as per standard  
**Well size:** Major & Minor Diameter 21.5 mm  
**Lag Extension:** 45 mm  
**Immersion Length :** 250mm  
**Tip Thickness:** 5 mm  
**Type /Size :** Round 27 mm

# FABRICATED THERMOWELL -FLANGE CONNECTION

## SSKE33-3

### ORDERING CODES

MODEL											SSKE33-3	
SSKE33-3 -Fabricated Thermowell with Flangeconnection												
FLANGE MATERIAL												
S03	AISI 316L SS	S02	AISI 316 SS	S26	AISI 346 SS	S06	Inconel 600	S23	AISI 310 SS	S25		AISI 321 SS
WELL MATERIAL (PIPE / TUBE)												
S03	AISI 316L SS	S02	AISI 316 SS	S26	AISI 346 SS	S06	Inconel 600	S23	AISI 310 SS	S25		AISI 321 SS
WELL TYPE												
STR	STRAIGHT											
INSTRUMENT CONNECTION												
P28	½" NPT (F)	P23	¼" BSP (F)	P27	½" BSP (F)	P29	¾" BSP (F)	P30	¾" NPT (F)			
PROCESS CONNECTION - FLANGE TYPE												
XXX - Flange Standard Type-Order code Refer FlangeTable												
FLANGE FACING												
G1	RAISED FACING	G2	FLATE FACE	G3			RING JOINT TYPE					
LAG EXTENSION												
XX	45 mm to 150 mm											
WELL - TUBE												
TU1	TUBE 10 X 1.5 THK	TU2	TUBE 12 X 2.5 THK	TU3	TUBE 14 X 2.5 THK	TU6	TUBE 16 X 2 THK					
WELL - PIPE												
PI-1	PIPE 3/8" SCH. 40	PI-2	PIPE 3/8" SCH. 80	PI-3	PIPE 1/2" SCH. 40	PI-4	PIPE 1/2" SCH. 80					
IMMERSION LENGTH												
XXX	50 mm up to 1000 mm											
WELL TIP THICKNESS												
ET1	5 mm	ET2	6.35 mm	ET3			10 mm					
OTHER OPTIONS												
E84	Plug & Chain in SS			E17	Material test certificate 3.1		E21	Material test certificate 2.2				
E83	Marking by engraving			E85	Dye penetration test		E90	Hydro test certificate				

Ordering Example : SSKE33-4.S03.S03.TAP.P28.P08.G1.XX.XX.BD06.XXX.ET1.E84/E90