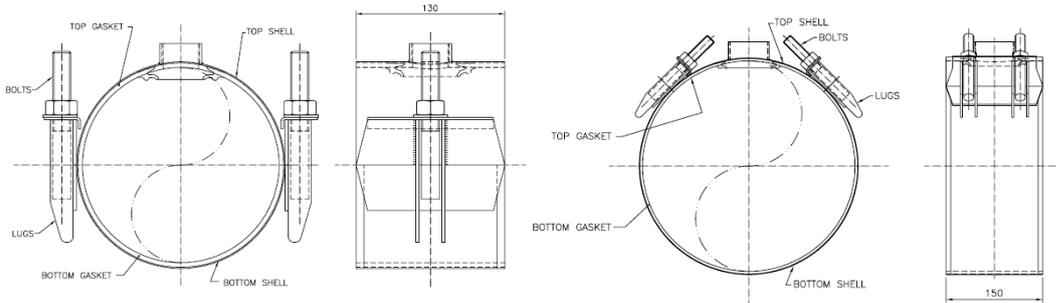




SPECIFICATIONS for Rapid 316 CT Tapping Saddles



AS/NZS 4793 & 4129
LIC. AM 174603** WM 74732**
WSAA Product Appraisal 12/16**



Grade of stainless steel, Type 316. Fully passivized after welding, to restore the original passive state of the 316 stainless steel.

LOCKING WASHER PLATE: SS316 Locks into position for easy tightening of nuts.

LUGS: SS316 MIG-welded to receiver bar and fully passivized after welding. Leading edge is rounded to prevent them from catching bolt bars during installation.

SHELL: SS316 2B finish.

BOLTS: SS316 Thread-rolled for strength and coated to prevent galling. Bolts are MIG-welded to the receiver bar and fully passivized after welding.

NUTS/WASHERS: SS316.

RECEIVER BARS: SS316 TIG-welded to shell to form a strong fusion, and fully passivized after welding.

GASKET: Nitrile, to AS1646 and AS4020. The gasket is specially designed with a static seal and a dynamic lip seal. Also incorporated into the seal is an internal stainless steel retaining disc#, which prevents the seal and mat from extruding out, under extreme internal pressure. The specially designed seal allows for pipe outside diameter changes, caused by pressurizing and depressurizing of the pipe.

TAPPINGS: SS316 stainless steel, DN 15mm to DN100mm BSP Rp parallel threaded socket. Flanges SS316, standard AS4087 PN16, drilled to Table D (DN80 & 100). Other configurations avail.

General Information:

Offtake tapping DN15mm, DN20mm, and DN25mm, saddle width = 130mm.

Offtake tapping DN32mm, DN40mm, and DN50mm, saddle width = 150mm.

Offtake tapping DN65mm and DN80mm, saddle width = 200mm.

Offtake tapping DN100mm, saddle width = 300mm.

Working Pressure Ratings:

(a) Tapping saddle to suit pipes OD75mm up to OD680mm = 1.6 MPa.*

(b) Tapping saddle to suit pipes OD680mm up to OD980mm nominal size = 1.2 MPa.*

The amount of pressure that the tapping saddles will contain is proportionate to the diameter of the pipe. Smaller diameter tapping saddles will contain more pressure than larger diameter tapping saddles.

Suitable anchorage must be provided where pipe movement may occur. Suitable mechanical support should be used to support the off-take fittings *Pressure ratings may vary due to pipe condition and type. ** Sizes DN80 to DN300mm with 20mm to 50mm BSP only. Max. Temperature 0 - 60 degrees C. Re-tension saddle at Max. operating temp. #Innovation Patent 2011100263 .

Specifications are subject to change without notice.