

## DESCRIPTION

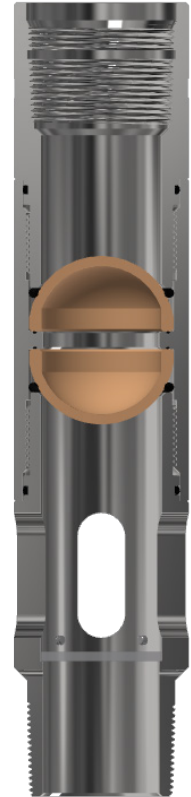
DynaEnergetics offers a ported Dual Dome Differential Pressure Sub for TCP applications. The DynaEnergetics Dual Dome Differential Pressure Sub maintains pressure differential of up to 10,000 psi in either side between production tubing and the annulus. This sub is typically used to create an underbalanced well condition in the tubing to surge the perforations.

The drop bar, used to activate the mechanical firing head, will contact and shatter the ceramic dome immediately prior to striking the firing pin and in turn detonating the gun(s). With the pressure barrier broken, annular fluid pressure combined with formation pressure causes a surge into and up the tubing string. This action serves to clean out the perforation tunnels and aids the flow of hydrocarbons into the well.

The ported model is typically used if the differential sub is to be located below a packer, while the non-porting model may be selected for use either above or below a packer.

## FEATURES

- Additional face seal between ceramic dome and top part of sub provides superior seal assurance.
- Incorporates a Teflon seal ring in the female EUE threads to improve seal reliability
- Large slotted windows on ported model provide maximum possible flow area.
- Ceramic dome can withstand 10,000 PSI on the convex side.



## SPECIFICATIONS - PORTED VERSION

Nominal Size	60 mm / 2 3/8"	73 mm / 2 7/8"
Part number	2329773	2329707
Weight	6.6 kg / 14.55 #	9.3 kg / 20.5 #
Overall Length	413.9 mm / 16.3"	424.1 mm / 16.7"
Maximum OD	77.8 mm / 3.063"	93.2 mm / 3.668"
No-Go ID	50.6 mm / 1.995"	61.9 mm / 2.441"
Temperature Rating	Varies with elastomer; 204 °C / 398 °F with standard Viton seal	
Pressure Rating	68.9 MPa / 10,000 PSI (Convex Side)	
Tensile	53,250 kg / 117,400 #	73,980 kg / 163,100 #
Connections	2 3/8" pin X box	2 7/8" pin X box
Material	4140 HTSR	
Redress Kit	2329844	2329845

**Note:** Product condition must be monitored, inspected and maintained regularly to ensure proper service in accordance with DynaEnergetics guideline. Failure to do so may result in personal injury and/or property damage. For questions please contact your DynaEnergetics representative.