

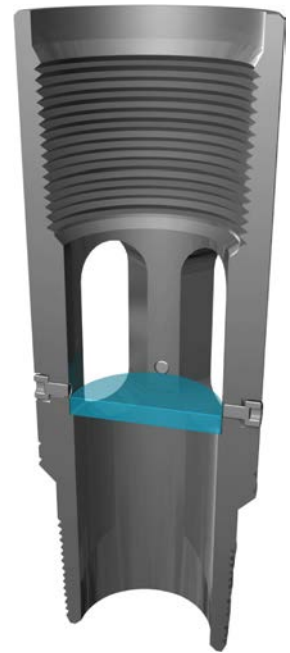
## Description

The DynaEnergetics Fill / Flow Sub allows the production tubing to fill with fluids while running in the hole, and with hydrocarbons after perforation.

A glass disk, held in place with 4 socket-head cap screws, prevents scale and debris from getting to the firing head. The disk is located above the bottom of the slot in order to allow well fluids to also fill the tubing below and equalize the pressure across the disk.

Large slotted openings provide maximum flow area for circulating fluids and post-perforation production.

The DynaEnergetics Fill / Flow Subs are reusable, easily redressed with a redress kit and available at your local DynaEnergetics distribution location.



## Specifications

Nominal Size	60 mm / 2 3/8"	73 mm / 2 7/8"
Part number PORTED	2317696	2317697
Part number NON- PORTED	2317782	2317783
Overall Length	222.3 mm / 8.750"	228.4 mm / 8.99"
Maximum OD	77.8 mm / 3.063"	93.2 mm / 3.668"
No-Go ID	50.7 mm / 1.995"	62 mm / 2.441"
Temperature Rating	Varies with elastomer; 204°C with standard Viton seal.	
Pressure Rating	n/a	n/a
Tensile	174,000# / 78 925 kg	229,000# / 103 872 kg
Connections	2 3/8" box up, pin down	2 7/8" box up, pin down
Redress Kit	2317698	2317699
Material	4140 HTSR	

**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.