

DTI Melon Type Equalizing Valve



CONVERTS LOCK INTO A PLUG

RELIABLE GENERIC PRODUCT

TWO RUNS TO SET AND TWO RUNS TO PULL



Description

The DTI Melon Type Equalizing Valve is a flow control device which is combined with a lock to create a plug. The valve consists of a housing that is made up to the bottom of the lock. The housing included a melon valve than can be moved to the open or closed position with a prong. The Melon Type Equalizing Valve can be supplied with or without the valve cap. Other flow control devices such as check valves can be made up to the Melon Type Equalizing Valve.

The housing can be designed to suit any lock and for bottom no-go locks it can incorporate the no-go shoulder. It can also be extended in length to provide a sump for excess debris.

The melon type equalizing valve combined with a lock is a one run to set and a one or two run to pull system.

Operating Principle

The housing is first made up to the bottom of a lock.

The lock is run in hole, with a suitable running prong in the running tool, and set into the nipple profile.

Releasing the running tool and pulling out of hole closed the melon valve.

To pull the plug either run in hole with a prong fitted to the running tool and unset the lock in one run or run an equalizing probe in one run and the pulling tool in a second run.

Features & Benefits

- Threaded housing to make up to lock.
- One run to set and one or two runs to pull system.
- No-go shoulder incorporated in bottom no-go locks.
- Housing length can be varied to suit application.
- Other flow control devices can be fitted below the melon.

Part Number	Housing OD	Housing Thread	Pressure Rating	Valve Cap	Bottom Thread
188XMACP	1.860"	1.375-16UN	6,000 psi	Yes	1.375-16UN
188XMACP-1	1.865"	1.375-14 UN	6,500 psi	No	1.375-16UN
218RMACP	2.180"	1.750-12 UN	10,000 psi	Yes	1.750-12 UN
218RMACP-1	2.180"	1.750-12 UN	10,000 psi	No	1.750-12 UN
231XMACP	2.295"	1.750-12 UN	8,000 psi	Yes	1.750-12 UN
231XMACP-1	2.295"	1.750-12 UN	8,000 psi	No	1.750-12 UN
275XMACP	2.745"	2.250-12 SLB	8,000 psi	Yes	2.250-12 SLB
275XMACP-1	2.745"	2.250-12 SLB	8,000 psi	No	2.250-12 SLB
281XMACP	2.805"	2.250-12 SLB	8,000 psi	Yes	2.250-12 SLB
281XMACP-1	2.805"	2.250-12 SLB	8,000 psi	No	2.250-12 SLB
456XMACP	4.550"	4.000-12 SLB	6,500 psi	Yes	4.000-12 SLB
456XMACP-1	4.550"	4.000-12 SLB	6,500 psi	No	4.000-12 SLB
596RMACP	5.930"	5.062-8 SLB	10,000 psi	Yes	5.062-8 SLB
596RMACP-1	5.930"	5.062-8 SLB	10,000 psi	No	5.062-8 SLB

We offer optional equipment, alternative sizes, materials, thread connections and sump lengths.

Please contact us for more information.