

**Description**

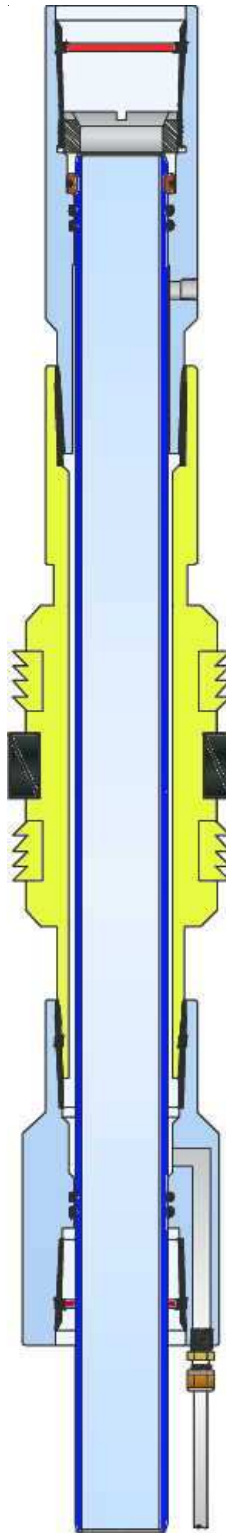
The Packer By-Pass System is used with Owen Redundant Annulus Pressure Firing System or Owen Differential Firing Head to allow annulus pressure above the packer to be routed below the packer.

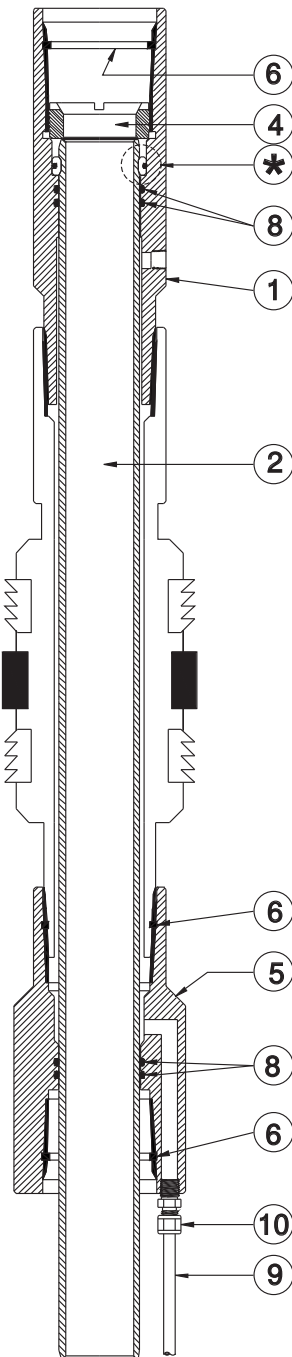
**Features and Benefits**

- Works with full bore packers
- Open bore by-pass tube
- Adjustable length
- Isolates clean fluid to the firing head using a “water leg” technique

**Specifications**

TC-180-2875-000		
Max. Hydrostatic	20,000 psi	137.9 MPa
Max. Differential	7,500 psi	51.7MPa
Min. Packer I.D.	2.313 in	58.8 mm
I.D. on By-Pass	1.875 in	47.6 mm





Item	Part No.	Qty	Description	Old Part No.
--	TC-180-2875-000	--	Packer By-Pass Assy., 2-7/8" EUE	TCP-0718-100
1	TC-180-0005-000	1	Pressure Port Sub	TCP-0718-027
2	TC-180-0006-000	1	By-pass Tube, 2-7/8"	TCP-0718-028
3	TC-180-0007-000	1	Securing Ring, 2-7/8"	TCP-0718-023
4	TC-180-0008-000	1	Locking Ring, 2-7/8"	TCP-0718-003
5	TC-180-0009-000	1	Bottom Sealing Sub, 2-7/8"	TCP-0718-004
6	MI-305-2875-000	3	API Seal Ring, 2-7/8	TCP-0100-161
7	OOO-N569-142	1	O-Ring N-90	--
8	OOO-N569-228	4	O-Ring N-90	--
9	TC-001-0004-000	--	Steel Tubing random length (not included)	TCP-0010-004
10	TC-001-0005-000	--	Tubing Fitting (not included)	TCP-0010-005
--	TC-090-0007-000	--	Lock Ring Tool	TCP-0101-013
--	TC-180-2875-099	--	Redress Kit 7" & Larger PBP	TCP-0718-120
--	MAN-TC-180-2875-000	--	Assembly Manual	MAN-0718-100

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--	TC-180-2875-099	--	Redress Kit 7" & Larger PBP	TCP-0718-120
6	MI-305-2875-000	3	API Seal Ring, 2-7/8	TCP-0100-161
7	OOO-N569-142	1	O-Ring N-90	--
8	OOO-N569-228	4	O-Ring N-90	--

Fittings and tubing are not included due to different operational parameters, the quantity and type of fittings needed, and the length of tubing required for a particular operation.

