

MAXIMUS

Completion Systems

SERVICE PACKERS



Magnus RTT W8 Circulating Valves

The Magnus RTT packer is a full-opening, hook-wall packer used for squeeze, testing, treating operations, usually run with a W8 Circulating Valve to bypass pressure build-up.

The packer body includes a J-slot mechanism, mechanical slips, packer elements, and hydraulic hold-down slips.

Large, heavy-duty slips in the hydraulic hold-down mechanism help prevent the tool from moving up-hole during higher injection rates.

W8 Circulating Valve

The W8 Circulating Valve is a locked-open/locked-closed valve that serves as a circulating valve, to reduce the effect of fluid-swabbing when Magnus RTT Packer is Run-In or pulled out of the hole.

Special Features:

- Hydraulic actuated upper hold down slips
- Positive rotational locks on all internal connections
- Back-up rings on all the o-rings provide for more reliable sealing at high temperature and high pressure
- Available with extra-long top and bottom subs allowing hydraulic tong make-up and break-out



Magnus RTT
Packer

W8
Circulating Valves



Magnus RTT W8 Circulating Valves

Magnus RTT Packer - Technical Specifications

Casing		Cased Hole Size (inches)	Packer O.D (inches)	Packer I.D (inches)	Packer Length
Size (inches)	Weight (PPF)				
7"	17 - 38	5.920 - 6.538	5.65	2.37	54.22
	49.5	5.540 - 5.920	5.25	2	48.50
9-5/8"	29.3 - 53.5	8.535 - 9.063	8.15	3.75	90.03
	40 - 71.8	8.125 - 8.835	7.80	3.00	89.29

Note*: Elastomers available: Nitrile, HNBR, HSN, Viton, Aflas

W8 Circulating Valve - Technical Specifications

Size (inches)	W8 Circulating Valve O.D (inches)	W8 Circulating Valve I.D (inches)	W8 Tool End Connections	Tool Length
2 7/8	2.15	1.00	1.315 10 Rd	19.15
			1.875 12 Rd	
3 1/2	2.37	1.00	1.315 10 Rd	20.08
			1.875 12 Rd	
4	3.06	1.50	2 3/8 EU	39.76
			2.688 10 UN	
4 1/2 - 5	3.60	1.80	2 3/8 EU	32.20
			3.094 10 UN	