River Crossing



Snubbing



Coiled Tubing

Directional Horizontal & Vertical Drilling

# Put Power into your Mud Motor with a Roper Pump Power Section

Power and efficiency are what you get with Roper Pump Company products. We build elements specifically to power your mud motor.

- With the torque value and speed you need.
- With the materials of construction to match your application.
- With fast turnaround as an added bonus.

#### Standard Power Sections

Roper Pump Company offers the largest selection of Power Sections for directional, horizontal, or vertical drilling applications. With the manufacturing for rotors and stators all done in Commerce, Georgia, we design to meet your application.

#### Special Performance Power Sections

When more power is needed, the Special Performance Power Section is the answer. With an increased rate of penetration, you can deliver more, and handle the higher torque requirements of performance/straight hole drilling.

#### Specials - High/Low Flow & Slow Speed Power Sections

Roper Pump offers the largest selection of rotor/stator combinations. This allows you to select the flow rate and speed for your specific applications. Power section design is driven by your needs, not ours.

#### Air/Foam Power Sections

When underbalance drilling is required, we provide the power section to operate with the tight sealing requirements of nitrogen or compressed air.

# Coiled Tubing/Thru Tubing

If you need to re-enter an existing well, Roper Pump Company has the Power Section for you. With more than 20 different configurations, you can specify the rotor and stator to meet the application's needs - not make the application meet the power section's limitations.

#### Elastomers

When it gets hot, Roper Pump has the stator to handle the heat. Our High Performance (HP) Rubber can handle applications to 425°F. We can deliver, even when it gets hot.

# By-Pass Valve (Top Sub)

**Power Section** 

**Transmission** 

Output shaft / Bearing Assy



## ROPER POWER SECTIONS

Model	Description	Model	Description	Model	Description
No.	Stage	No.	Stage	No.	Stage
150R1230	1-1/2" 1/2 3	388R1250	3-7/8" 1/2 5	Special Performance Power Sections	
169R1230	1-11/16" 1/2 3	475R1230	4-3/4" 1/2 3	169R5618	1-11/16" 5/6 1.8
169R5630	1-11/16" 5/6 3	475R3450	4-3/4" 3/4 5	212R5625	2-1/8" 5/6 2.5
169R5644	1-11/16" 5/6 4.4	475R4535	4-3/4" 4/5 3.5	350X3490	3-1/2" 3/4 9
169R5650	1-11/16" 5/6 5	475R5630	4-3/4" 5/6 3	350R5623	3-1/2" 5/6 2.3
175R1230	1-3/4" 1/2 3	475R7822	4-3/4" 7/8 2.2	350X7870	3-1/2" 7/8 7
175R1240	1-3/4" 1/2 4	475R7830	4-3/4" 7/8 3	475X1270	4-3/4" 1/2 7
175R3430	1-3/4" 3/4 3	475R9025	4-3/4" 9/10 2.5	475X3499	4-3/4" 3/4 9.9
175R5610	1-3/4" 5/6 1	500R6750	5" 6/7 5	475X4560	4-3/4" 4/5 6
175R5640	1-3/4" 5/6 4	550R7830	5-1/2" 7/8 3	475X5660	4-3/4" 5/6 6
206R1220	2-1/16" 1/2 2	625R1240	6-1/4" 1/2 4	475X7838	4-3/4" 7/8 3.8
206R4510	2-1/16" 4/5 1	625R4540	6-1/4" 4/5 4	475X7850	4-3/4" 7/8 5
206R4530	2-1/16" 4/5 3	625R5650	6-1/4" 5/6 5	625X6750	6-1/4" 6/7 5
206R4570	2-1/16" 4/5 7	625R7830	6-1/4" 7/8 3	625X7848	6-1/4" 7/8 4.8
206R5630	2-1/16" 5/6 3	625R8940	6-1/4" 8/9 4	675X4570	6-3/4" 4/5 7
212R5660	2-1/8" 5/6 6	650R1230	6-1/2" 1/2 3	675X6750	6-3/4" 6/7 5
238R1240	2-3/8" 1/2 4	650R1240	6-1/2" 1/2 4	675X7850	6-3/4" 7/8 5
238R1260	2-3/8" 1/2 6	650R8930	6-1/2" 8/9 3	775X7844	7-3/4" 7/8 4.4
238R1270	2-3/8" 1/2 7	650RD8930	6-1/2" 8/9D 3	800X6760	8" 6/7 6
238R4560	2-3/8" 4/5 6	650R8940	6-1/2" 8/9 4	800X7840	8" 7/8 4
238R5625	2-3/8" 5/6 2.5	675R1240	6-3/4" 1/2 4	800X8960	8" 8/9 6
238R5640	2-3/8" 5/6 4	675R4550	6-3/4" 4/5 5	High / Low Flow Power Sections	
238R7840	2-3/8" 7/8 4	675R5650	6-3/4" 5/6 5	288H5647	2-7/8" 5/6 4.7
288R1250	2-7/8" 1/2 5	675R7830	6-3/4" 7/8 3	288H7845	2-7/8" 7/8 4.5
288R3450	2-7/8" 3/4 5	675R7860	6-3/4" 7/8 6	288L5650	2-7/8" 5/6 5
288R4530	2-7/8" 4/5 3	675R8920	6-3/4" 8/9 2	Slow Speed Power Sections	
288R5620	2-7/8" 5/6 2	675R8930	6-3/4" 8/9 3	375S7823	3-3/4" 7/8 2.3
288R5630	2-7/8" 5/6 3	775R4540	7-3/4" 4/5 4	375S7834	3-3/4" 7/8 3.4
288R5640	2-7/8" 5/6 4	775R6730	7-3/4" 6/7 3	625S7820	6-1/4" 7/8 2
288R6715	2-7/8" 6/7 1.5	775R6740	7-3/4" 6/7 4	625S7830	6-1/4" 7/8 3
288R6730	2-7/8" 6/7 3	775RD7830	7-3/4" 7/8D 3	675S7830	6-3/4" 7/8 3
288R7830	2-7/8" 7/8 3	775R9030	7-3/4" 9/10 3	962S9040	9-5/8" 9/10 4
338R4548	3-3/8" 4/5 4.8	800R4550	8" 4/5 5	1275S9030	12-3/4" 9/10 3
350R1240	3-1/2" 1/2 4	800R7830	8" 7/8 3	Air / Foam Pov	ver Sections
350R1250	3-1/2" 1/2 5	800R8940	8" 8/9 4	169A5620	1-11/16" 5/6 2
350R4540	3-1/2" 4/5 4	962R1250	9-5/8" 1/2 5	169A5630	1-11/16" 5/6 3
350R5630	3-1/2" 5/6 3	962R3440	9-5/8" 3/4 4	206A4520	2-1/16" 4/5 2
350R7830	3-1/2" 7/8 3	962R4540	9-5/8" 4/5 4	206A4530	2-1/16" 4/5 3
350R7838	3-1/2" 7/8 3.8	962R5630	9-5/8" 5/6 3	288A7820	2-7/8" 7/8 2
375R4535	3-3/4" 4/5 3.5	962R9040	9-5/8" 9/10 4	350A7820	3-1/2" 7/8 2
375RD4535	3-3/4" 4/5D 3.5	1125R6730	11-1/4" 6/7 3	475A7820	4-3/4" 7/8 2
375R8914	3-3/4" 8/9 1.4	1275S9030	12-3/4" 9/10 3	625A7820	6-1/4" 7/8 2
375R9034	3-3/4" 9/10 3.4				

Detailed, individual spec sheets are available for each model.

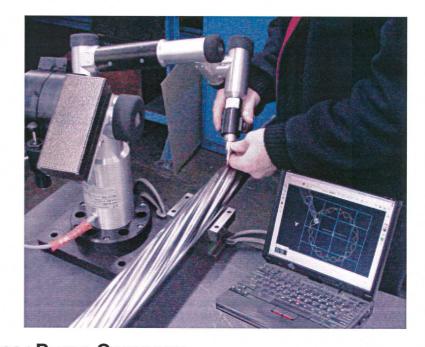
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### ROPER IS YOUR READY SOURCE OF POWER

When you buy from Roper, you deal with a single supplier.
We handle all manufacturing processes, including machining rotors,
stator injection, hard chrome plating, elastomer development, and stator relines.
Our computerized process control delivers unmatched precision and consistency.
The new power section or replacement part you order will be exactly like the one you get today.







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