

4.75" | 5.00" 6788 CONFIGURATION

(121 mm) (127 mm)



SPECIFICATIONS

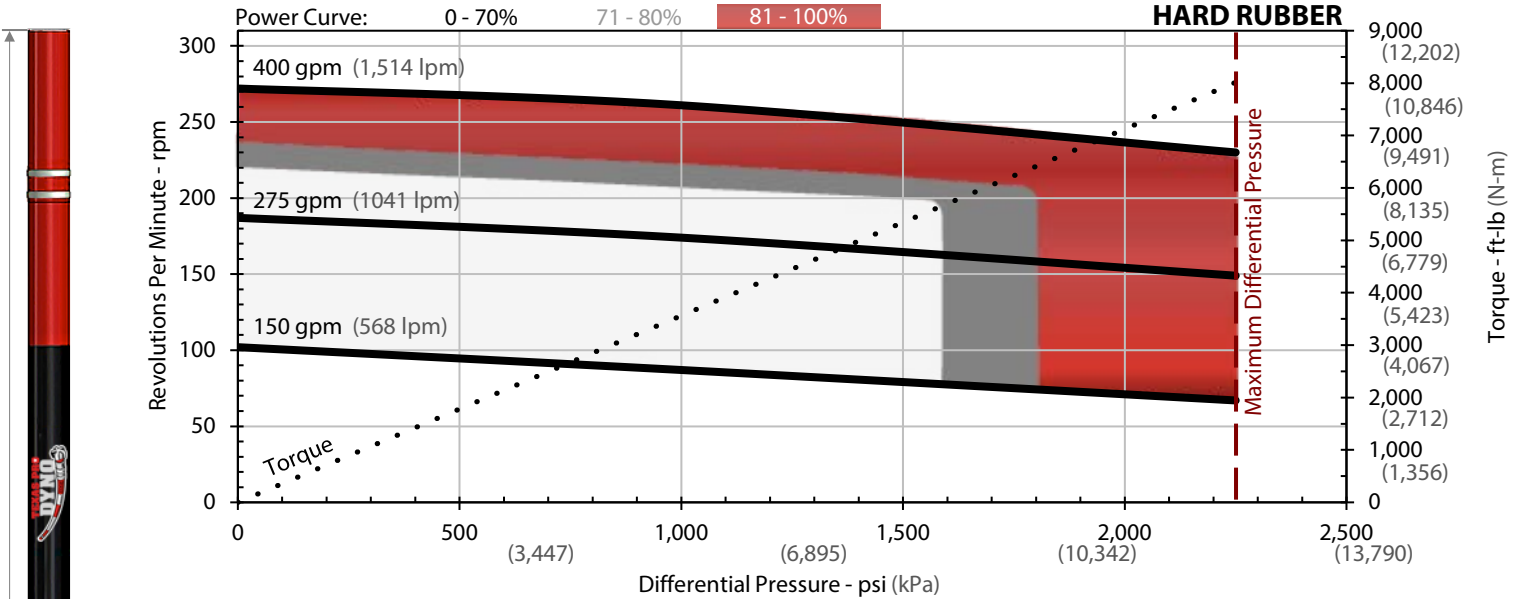
	IMPERIAL	METRIC
Maximum Differential Pressure	2,240 psi	(15,445 kPa)
Torque at Maximum Differential	8,014 ft-lb	(10,865 N-m)
Stall Torque	12,021 ft-lb	(16,300 N-m)
Flow Range	150 - 400 gpm	(568 - 1,514 lpm)
RPM Ratio	0.68 Revolutions / g	(0.18 Revolutions / l)
RPM Range	102 - 272 rpm	(102 - 272 rpm)
Recommended Hole Sizes	6.00 - 6.75 in	(152 - 171 mm)
Maximum Weight on Bit	77,000 lb	(34,300 daN)
Maximum Overpull (Static)	212,000 lb	(94,300 daN)
Overall Weight	1,200 lb	(544 kg)

LENGTH

	IMPERIAL	METRIC
(A) to Stabilizer	13.50 in	(0.34 m)
(B) to Adj. Bend	54.76 in	(1.39 m)
(B) to Fixed Bend	48.00 in	(1.22 m)
(C) Overall	342.51 in	(8.70 m)

ADJUSTABLE

	IMPERIAL	METRIC
Make-Up Value	12,000 ft-lb	(16,300 N-m)



0 - 3° ADJUSTABLE

Degrees / 100 ft (30 m)

BEND	6.00" HOLE SIZE		6.25" HOLE SIZE		6.75" HOLE SIZE		P R E D I C T E D
0.39°	1.4	2.4	0.2	2.5	-	2.8	
0.78°	3.9	4.8	2.7	5.0	0.2	5.3	
1.15°	6.2	7.2	5.0	7.3	2.5	7.7	
1.50°	8.4	9.4	7.2	9.6	4.8	9.9	
1.83°	10.5	11.5	9.3	11.7	6.9	12.0	
2.12°	12.4	13.3	11.1	13.5	8.7	13.8	
2.38°	14.0	15.0	12.8	15.1	10.3	15.5	
2.60°	15.4	16.4	14.2	16.5	11.7	16.8	
2.77°	16.5	17.5	15.3	17.6	12.8	17.9	
2.90°	17.3	18.3	16.1	18.4	13.6	18.8	
2.97°	17.8	18.7	16.5	18.9	14.1	19.2	
3.00°	17.9	18.9	16.7	19.1	14.3	19.4	
	SLICK	1 STAB	SLICK	1 STAB	SLICK	1 STAB	

FIXED HOUSING

Degrees / 100 ft (30 m)

BEND	6.00" HOLE SIZE		6.25" HOLE SIZE		6.75" HOLE SIZE		P R E D I C T E D
1.50°	8.7	9.6	7.4	9.8	5.0	10.1	
1.75°	10.3	11.2	9.1	11.4	6.6	11.7	
1.90°	11.3	12.2	10.0	12.4	7.6	12.7	
2.00°	11.9	12.9	10.7	13.0	8.2	13.3	
2.12°	12.7	13.6	11.5	13.8	9.0	14.1	
2.25°	13.5	14.5	12.3	14.7	9.9	15.0	
2.50°	15.1	16.1	13.9	16.3	11.5	16.6	
2.60°	15.8	16.8	14.6	16.9	12.1	17.2	
	SLICK	1 STAB	SLICK	1 STAB	SLICK	1 STAB	

Figures are for reference only. Stabilized build rates assume a lower stabilizer 0.125" undergauge. Actual performance may vary based on tool and operating conditions. Refer to temperature and mud scaling curves for optimal performance and reliability. Rotating above 1.50° may cause damage to the performance motor at certain RPM's. Running above 80% will be done so at client's risk. Contact your TPD representative to confirm ideal operating specifications. Updated August 2017.