

Mud Motor Series Specifications

Size (in)	Short Bit to Bend		Reg. Bit to Bend		Flex Shaft		Config.		Speed Ratio (rev/gal)	GPM	RPM	Rec. Diff. Press. (psi)	TQ Ratio (ft-lb/psi)	TQ @ Max Diff. (ft-lbs)	Stall TQ (ft-lbs)
	Fixed	Adj.	Fixed	Adj.	Short	Reg.	Lobe	Stage							
4 3/4	37.63	51.45	52.69	63	N/A		7/8	2.6	0.263	150-300	39-79	590	8.974	5,250	7,880
							7/8	3.8	0.521	150-250	78-140	860	5.200	4,450	6,670
							5/6	8.3	1.000	100-300	100-300	1,870	2.576	4,810	7,220
5	39	52	51.13	63.38	46.37	58.5	7/8	2.6	0.263	150-300	39-79	590	8.974	5,250	7,880
							7/8	8.3	0.480	200-400	100-200	1,960	4.800	9,370	14,750
							6/7	7.8	0.600	200-400	120-240	1,760	4.288	7,530	11,300
							5/6	6.7	0.630	150-350	90-220	1,510	3.980	6,000	9,000
							6/7	8.8	0.660	150-400	100-260	2,070	3.700	7,660	12,060
							7/8	8.2	0.700	150-350	105-250	1,880	3.631	6,700	10,050
							6/7	8.0	0.810	150-350	121-290	1,840	3.176	5,720	8,580
							7/8	10.6	0.855	150-350	128-300	2,390	2.975	7,100	10,640
							5/6	8.3	1.000	100-300	100-300	1,870	2.576	4,810	7,220
5 1/4	N/A	N/A	N/A	N/A	53.88		7/8	4.1	0.260	200-400	50-100	970	9.200	8,870	13,970
							7/8	8.3	0.480	200-400	100-200	1,960	4.800	9,370	14,750
							6/7	11.3	0.750	150-400	110-300	2,520	3.280	8,720	13,720
							7/8	10.6	0.855	150-350	128-300	2,390	2.975	7,100	10,640
							7/8	13.1	0.900	175-375	158-338	3,000	2.862	9,260	13,880
							4/5	10.3	1.000	100-400	100-400	2,430	2.610	6,320	9,960
5 1/2	N/A	N/A	N/A	N/A	53.88		7/8	4.1	0.260	200-400	50-100	970	9.200	8,870	13,970
							7/8	8.3	0.480	200-400	100-200	1,960	4.800	9,370	14,750
							6/7	11.3	0.750	150-400	110-300	2,520	3.280	8,720	13,720
							7/8	10.6	0.855	150-350	128-300	2,390	2.975	7,100	10,640
5 3/4	N/A	N/A	N/A	N/A	60.25		6/7	11.3	0.750	200-400	150-300	3,110	3.280	10,190	15,290
6 1/2 & 6 3/4	47	65.32	64.25	82.5	62.25		7/8	3.3	0.140	300-600	42-84	740	19.000	14,110	21,160
							7/8	5.7	0.242	300-600	72-150	1,280	10.698	13,720	20,580
							7/8	5.0	0.288	300-600	86-180	1,130	9.300	10,460	15,690
							6/7	7.8	0.290	350-700	100-200	1,840	8.580	15,730	24,780
							6/7	5.0	0.292	300-600	87-180	1,130	8.313	9,350	14,030
							6/7	7.6	0.330	300-700	99-231	1,808	8.140	14,717	22,076
							4/5	7.0	0.497	300-600	149-300	1,580	5.770	9,090	13,630
							6/7	7.8	0.290	350-700	100-200	1,840	8.580	15,730	24,780
6 5/8	47	65.32	64.25	N/A	62.25		7/8	8.5	0.240	400-750	96-180	2,000	9.783	19,540	30,770
7	48.13	66.44	N/A	N/A	N/A		5/6	9.4	0.400	300-700	119-279	1,952	5.964	11,644	17,466
7 combo	48.13	66.44	60.88	79	61		7/8	3.3	0.140	300-700	42-84	740	19.000	14,110	21,160
							7/8	5.7	0.242	300-600	72-150	1,280	10.698	13,720	20,580
							6/7	7.8	0.290	350-700	100-200	1,840	8.580	15,730	24,780
							6/7	5.0	0.292	300-600	87-180	1,130	8.313	9,350	14,030
							6/7	7.6	0.330	300-700	99-231	1,808	8.140	14,717	22,076
							4/5	7.0	0.497	300-600	149-300	1,050	5.770	9,090	13,630
7 1/4	61.25	N/A	73.88	N/A	61.25	73.88	7/8	6.7	0.180	500-800	90-140	1,580	13.490	21,250	33,460
							7/8	8.5	0.245	400-750	98-184	2,560	9.783	25,030	39,320
7 1/4 combo	N/A	N/A	73.88	N/A	N/A		7/8	8.5	0.260	400-750	100-200	2,000	9.780	19,540	30,770
7 3/4	N/A	N/A	68.5	88.5	N/A		7/8	3.4	0.087	400-900	30-80	800	28.190	22,530	35,480
							7/8	4.0	0.160	300-900	48-143	1,000	16.400	16,400	24,600
							7/8	5.9	0.160	400-900	80-140	1,390	15.770	21,870	34,400
							7/8	7.0	0.166	400-1000	66-166	1,580	15.323	24,130	36,200
							4/5	5.3	0.240	300-950	70-230	1,250	10.930	13,620	21,450
8	N/A	N/A	68.5	88.5	N/A		7/8	3.4	0.087	400-900	30-80	800	28.190	22,530	35,480
							7/8	4.0	0.160	300-900	48-143	1,000	16.400	16,400	24,600
							7/8	5.9	0.160	400-900	80-140	1,390	15.770	21,870	34,400
							7/8	7.0	0.166	400-1000	66-166	1,580	15.323	24,130	36,200
							4/5	5.3	0.240	300-950	70-230	1,250	10.930	13,620	21,450
8 3/4 combo	N/A	N/A	82.66	N/A	N/A		7/8	3.4	0.087	400-900	30-80	800	28.190	22,530	35,480
							7/8	4.0	0.160	300-900	48-143	1,000	16.400	16,400	24,600
							7/8	5.9	0.160	400-900	80-140	1,390	15.770	21,870	34,400
							7/8	7.0	0.166	400-1000	66-166	1,580	15.323	24,130	36,200
9 3/8	N/A	N/A	77	101	N/A		4/5	5.3	0.240	300-950	70-230	1,250	10.930	13,620	21,450
							5/6	5.0	0.127	700-1300	90-170	1,180	20.670	24,290	36,440
9 3/8 combo	N/A	N/A	77	101	N/A		6/7	5.0	0.127	600-1300	80-170	1,180	23.860	25,720	37,570
							7/8	3.4	0.087	400-900	30-80	800	28.190	22,530	35,480
							7/8	4.0	0.160	300-900	48-143	1,000	16.400	16,400	24,600
							7/8	5.9	0.160	400-900	80-140	1,390	15.770	21,870	34,400
							7/8	7.0	0.166	400-1000	66-166	1,580	15.323	24,130	36,200

