

Drilling Mud Motors

Maximize Performance with Aim Directional Services Drilling Motors

Aim Directional Services uses only the best in downhole mud motor designs. With the proven technologies in both mud lube and oil sealed bearing sections, Aim has made necessary modifications to increase performance for the growing needs of this market. All 4 3/4" OD motors and greater use the latest Hard Rubber stators. Rotors are available in both chrome and carbide as needed for the environment it is to be run in. Ask an Aim representative for more information about these and other motors not listed.

Defining Features

- Proven performance from the Dyna-Drill HR and PV HS-88 Stator Rubber
- Carbide coated rotors for harsh drilling environments
- Mud lube and sealed bearing lower ends
- Short Bit to Bend lower ends
- Various sizes for all drilling needs



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Motor Options

MOTOR SIZE/TYPE	RPG	OPERATING TORQUE		FLOW RATE (gpm)	SPEED (rpm)	DIFFERENTIAL		BIT TO BEND	
		NBR	HR			NBR	HR	Fixed	Adj.
3.125 - 5" Motors									
3.125 7/8 3.0	1.69	650	980	8-140	135-240	450	680	N/A	45"
3.5 7/8 4.3	1.85	920	1,380	30-110	55-241	650	970	N/A	33.25"
4.75 4/5 6.0 X	1.02	N/A	3,690	100-250	102-260	N/A	1,350	N/A	49"
4.75 4/5 6.0 XN	1.02	N/A	3,690	100-250	102-260	N/A	1,350	38.38"	54"
4.75 7/8 3.8 X	0.52	N/A	4,450	150-250	78-140	N/A	860	N/A	49.25"
4.75 7/8 3.8 XN	0.52	N/A	4,450	150-250	78-140	N/A	860	38.38"	54"
4.75 7/8 5.0 XN	0.64	N/A	4,460	100-275	64-180	N/A	1,130	38.38"	54"
5 4/5 6.0 N	1.02	N/A	3,690	100-250	102-260	N/A	1,350	53.5"	63"
5 7/8 3.8 N	0.52	N/A	4,450	150-250	78-140	N/A	860	53.5"	63"
5 7/8 5.0 N	0.64	N/A	4,460	100-275	64-180	N/A	1,130	53.5"	63"
6.50 - 7" Motors									
6.50 4/5 7.0	0.49	N/A	9,090	300-600	149-300	N/A	1,580	48"	61"
6.50 4/5 7.0 WS	0.49	N/A	9,090	300-600	149-300	N/A	1,580	57"	68"
6.50 7/8 3.5	0.15	N/A	13,500	300-600	45-90	N/A	790	48"	61.5"
6.50 7/8 3.5 WS	0.15	N/A	13,500	300-600	45-90	N/A	790	57"	68"
6.50 7/8 5.0	0.29	N/A	10,460	300-600	86-180	N/A	1,130	48"	61.5"
6.50 7/8 5.0 WS	0.29	N/A	10,460	300-600	86-180	N/A	1,130	57"	68"
6.50 7/8 5.7	0.24	N/A	13,720	300-600	72-150	N/A	1,280	48"	61.5"
6.50 7/8 5.7 WS	0.24	N/A	13,720	300-600	72-150	N/A	1,280	57"	68"
6.75 4/5 7.0 X	0.49	N/A	9,090	300-600	149-300	N/A	1,580	52"	68.75"
6.75 4/5 7.0 XN	0.49	N/A	9,090	300-600	149-300	N/A	1,580	50"	61.75"
6.75 6/7 8.4	0.30	N/A	16,550	350-700	105-210	N/A	1,980	48"	61.5"
6.75 7/8 5.0 X	0.29	N/A	10,460	300-600	86-180	N/A	1,130	52"	68.75"
6.75 7/8 5.0 XN	0.29	N/A	10,460	300-600	86-180	N/A	1,130	50"	61.75"
6.75 7/8 5.7 X	0.24	N/A	13,720	300-600	72-150	N/A	1,280	52"	68.75"
6.75 7/8 5.7 XN	0.24	N/A	13,720	300-600	72-150	N/A	1,280	50"	61.75"
7 4/5 7.0 N	0.49	N/A	9,090	300-600	149-300	N/A	1,580	63.5"	76"
7 6/7 8.4 N	0.30	N/A	16,550	350-700	105-210	N/A	1,980	63.5"	76"
7 7/8 3.5 N	0.15	N/A	13,500	300-600	45-90	N/A	790	63.5"	76"
7 7/8 5.0 N	0.29	N/A	10,460	300-600	86-180	N/A	1,130	63.5"	76"
7 7/8 5.7 N	0.24	N/A	13,720	300-600	72-150	N/A	1,280	63.5"	76"
7.75" Motors									
7.75 7/8 4.0 N	0.17	N/A	14,930	400-900	66-150	N/A	900	73.3"	87"
7.75 7/8 4.0 NS	0.17	N/A	14,930	400-900	66-150	N/A	900	69.3"	83.75"
7.75 7/8 4.0 X	0.17	N/A	14,930	400-900	66-150	N/A	900	N/A	90.5"
7.75 7/8 4.0 XN	0.17	N/A	14,930	400-900	66-150	N/A	900	65.3"	79.25"
8 7/8 5.9 N	0.16	N/A	22,020	400-900	66-150	N/A	1,330	65.3"	79.25"



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