

Hydraulic Motors

MAS MOTORS

High Specification Motors Side or Rear ported
Various Flange and Shaft Options, 80 up to 400 cc / rev displacements



Type		MAS 80	MAS 100	MAS 125	MAS 160	MAS 200	MAS 250	MAS 315	MAS 400
Displacement (cc/rev)		80.8	99.8	125.2	159.5	200	252.3	315.1	397
Max. Speed (rpm)	Cont.	805	746	598	465	373	298	236	187
	Int.	1000	900	718	560	447	360	290	230
Max. Torque (da Nm)	Cont.	19.8	24.4	30.7	34	39.5	45	54.1	58
	Int.	23.7	29.3	36.8	46.9	49	53.5	63	69
	Peak	26	32.2	40.5	48.5	64.8	68.2	84	85
Max. Output (Kw)	Cont.	16.4	19.4	20	12	14	13.6	11.5	10
	Int.	22	26	24	21.8	21	21.2	13.5	13
Max. pressure drop (bar)	Cont.	175	175	175	160	150	140	120	100
	Int.	210	210	210	210	180	175	140	120
	Peak	225	225	225	225	225	200	185	140
Max. Oil flow (l/min)	Cont.	65	75	75	75	75	75	75	75
	Int.	80	90	90	90	90	90	90	90
Max. Inlet pressure (bar)	Cont.	210	210	210	210	210	210	210	210
	Int.	250	250	250	250	250	250	250	250
	Peak	300	300	300	300	300	300	300	300
Weight (kg)		10	10.3	10.5	11	11.4	11.9	12.5	13.5

Model code	Mounting Flange	Port Orientation	Displacement cc/rev	Shaft option
MAS	Omit for Standard SAE 'A' 4 bolt A SAE 'A', 2 bolt F Magneto, 4 hole Q Square, 4 bolt W Wheel mount S Short mount motor	Omit for Std. Side ports E Rear Ports	80 80.8 cc/rev 100 99.8 cc/rev 125 125.2 cc/rev 160 159.5 cc/rev 200 200 cc/rev 250 252.3 cc/rev 315 315.1 cc/rev 400 397 cc/rev	C 32mm Parallel CO 1 1/4" Parallel S 1" Spline SAE 6 B TB Tapered 1:10 C1 25mm" Parallel C2 1" Parallel TA Tapered 1:8 SAE SB 1 1/4" Splined 14T SH 31.75mm Spline 14T SL PTO Spline

Example...

MAS

200

C