

Hydraulic Motors

MAV MOTORS

High Specification High Torque Motor, Side Porting Various Flange and Shaft Options, 315 up to 800 cc / rev displacements

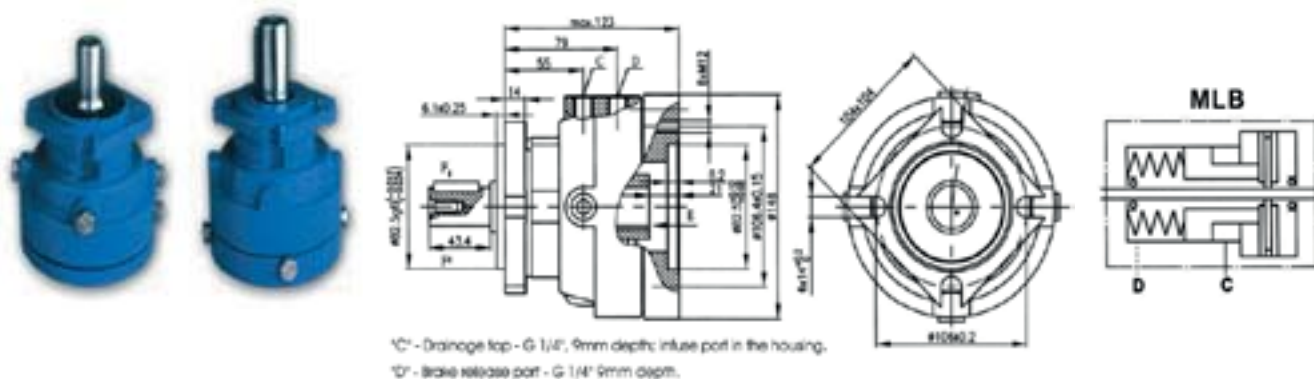


Model code	Mounting Flange	Displacement cc/rev	Shaft option
MAV	Omit for Standard Square 4 bolt	315 333 cc/rev 400 419 cc/rev 500 518 cc/rev	C 50mm Parallel CO 2 1/4" Parallel
	W Wheel mount	630 665 cc/rev 800 801 cc/rev	K Tapered 1:10 SH 2 1/8" Spline 17T
	Example...		
	MAT	200	C

Type		MAV 315	MAV 400	MAV 500	MAV 630	MAV 800
Displacement (cc/rev)		333	419	518	665	801
Max. Speed (rpm)	Cont.	510	490	395	315	240
	Int.	630	590	470	375	300
Max. Torque (da Nm)	Cont.	92.7	122.3	145	163.8	182
	Int.	110.3	144.1	178.6	200.5	211.2
	Peak	135	170.5	212.3	233.8	247.5
Max. Output (Kw)	Cont.	43.2	45.3	58,6	38.2	35.2
	Int.	52	52	52	46	40
Max. pressure drop (bar)	Cont.	200	200	200	180	160
	Int.	240	240	240	210	180
	Peak	280	280	280	240	210
Max. Oil flow (l/min)	Cont.	150	170	200	200	200
	Int.	210	225	225	225	225
Max. Inlet pressure (bar)	Cont.	210	210	210	210	210
	Int.	250	250	250	250	250
	Peak	300	300	300	300	300
Weight (kg)		31.8	32.6	33.5	34.9	36.5

HYDRAULIC DISC BRAKES TYPE MLB

MLB Brakes are a wet disc hydraulic brakes, spring loaded brake function and hydraulic pressure is required to release the brake. Suitable for MAP/MAR and MAS type Motors.



Model code	Min. Static Torque daNm	Min. Opening Pressure bar	Max. Opening Pressure bar	Min Oil Volume for Brake Release cm ³	Oil Volume cm ³	Max. Pressure in drain space bar	Weight Kg
MLB43	41-45	17-23	300	7-8	50-120	0.5	9

Part Number	Motor Type	Input Shaft	Output Shaft
MLBC43C	MAP/MAR	25mm Parallel	25mm Parallel
MLBC43S	MAP/MAR	25mm Parallel	1" 6B Spline
MLBC43C2	MAP/MAR	25mm Parallel	32mm Parallel
MLBC243C2	MAS	32mm Parallel	32mm Parallel
MLBC243C	MAS	32mm Parallel	25mm Parallel