



NORTH AMERICAN HYDRAULICS

North American Hydraulics, (NAHI, LLC), partnering with Eaton Dowmax axial piston motors.

Features and Benefits:

- Quiet operation
- Robust construction
- Compact and easy installation
- High starting torque and high overall efficiency
- Smooth operation at low speed. Multiple pistons and double swash plate result in smooth rotation at speeds down to 1 rev/min
- High pressure — continuous operating pressure of 3990 psi
- Wide range of models — 13 displacements
- Speed pickup system available

Proven Solutions for:

- Winch drive
- Swing drive
- Conveyor
- Traction drive
- Stirrer drive
- Crusher drive



Please contact NAHI for additional information.

The above information should be used as a guide and is subject to change without notice.

Please contact NAHI for proper selection.

Axial Piston Motors Solution Providers



Dowmax Me - Axial Piston Motor

Model	Displacement in ³	Max Speed (rpm)		Peak Pressure psi	Rated Horse Power (hp)	Torque ft-lbs
		Standard	High Power			
ME100	6.0	1000	1000	4,600	60	318
ME150	9.3	600	800		56	492
ME175	10.7	600	800		64	564
ME300B	18.3	660	800		121	974
ME350B	21.4	660	800		142	1,128
ME600B	36.6	500	600		184	1,932
ME750B	45.8	450	520		207	2,419
ME850B	51.7	400	450		208	2,735
ME1300A	82.1	200	390		185	3,872
ME1900	114.0	140	260		172	5,377
ME2600	157.3	110	230		213	7,427
ME3100	189.4	110	230		249	8,939
ME4100	250.0	75	200		283	11,794
MK300**	18.6/9.3	600	800	110/50	878/438	
MK600**	36.7/18.4	300	600	165/108	1,733/870	

Note: **2 speed motor

2-Speed Motor

The front and rear piston travel independently, making use of the advantages of opposed piston and double swash plates motor.

- Slim configuration
- High starting efficiency
- Good low-speed performance
- Change-over between large and small displacement can be done while running with a load
- No separate pilot pressure is required for change-over because of the self-pressure utilized as a pilot pressure



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