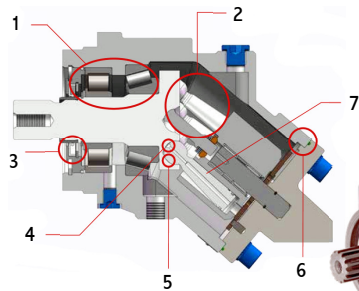




NORTH AMERICAN HYDRAULICS

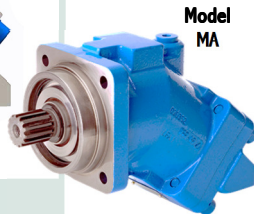
North American Hydraulics, (NAHI, LLC), partnering with Hydro Leduc hydraulic motors.



**Hydraulic Motors
Solution Providers**

Features and Options:

- 1 High performance bearings give longer service life
- 2 No gears between swashplate and rotating barrel means reduced noise levels
- 3 Sealing designed specifically to withstand back pressure from the motor return drain circuit
- 4 Injection of high pressure on piston heads reduces friction, heat and wear
- 5 Mechanical connection between piston head and motor shaft guarantees no separation (motor cavitation)
- 6 Design and manufactured with motor barrel and valve plate automatically aligned. Yields longer service life (no mechanical stress)
- 7 Seven piston design, ensuring excellent operating regularity and constant torque



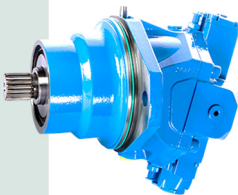
Model MA



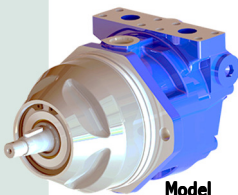
Model MSI



Model MVA SAE



Model MVA ISO



Model MT

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.

MA Series – SAE Flanged Bent Axis Fixed Motors

Models	Displacement		Max Speed rpm	Max Pressure psi	Output Flange	Output Shaft
	in ³	cc				
10	0.62	10.2	8800	6525	SAE B2B	7/8"-13T or 1" keyed
12	0.73	12.0	8800			
18	1.10	18.0	8800			
25	1.52	24.9	6900		SAE C4B	1.25"-14T or 1.25" keyed
32	1.96	32.1	6900			
41	2.51	41.1	6200			
45	2.77	45.4	5500			
50	3.07	50.3	5500			
63	3.84	63.0	5500			
80	4.91	80.4	5000			
90	5.49	90.0	5000	SAE D4B	1.75"-13T or 1.75" keyed	
108R	6.61	108.3	4500			
125	7.65	125.4	4500			
160	9.76	160.0	4000			
180	11.02	180.6	4000			

MSI Series – Cartridge Bent Axis Fixed Motors

Models	Displacement		Max Speed rpm	Max Pressure psi	Output Flange Pilot	Output Shaft
	in ³	cc				
28	1.69	27.7	6900	6525	Ø135	W30
32	1.96	32.1	6900			
41	2.51	41.1	6200		Ø150	W30
50	3.07	50.3	5500			
63	3.84	63.0	5500			
80	4.91	80.4	5000		Ø190	W40/W35
90	5.49	90.0	5000			
108	6.61	108.3	4400			
108 R	6.61	108.3	4500			
125	7.65	125.4	4500		Ø200	W40
				Ø200	W45/W40	

MV and MVA Series – Variable Displacement Motors

Model	Displacement (min to max)		Max Speed rpm	Max Pressure psi	Output Flange Pilot	Output Shaft
	in ³	cc				
85 SAE	1.71 to 5.20	28.1 to 85.2	3900 to 6800	6525	SAE C4B	1.25"-14T
85 ISO*					Ø190	W40
115 SAE	4.82 to 7.05	79.0 to 115.8	3550 to 5600		SAE D4B	1.75"-13T
115 ISO*					Ø200	W40

9-piston design, 3 choices of displacement controls (HPA, H2N, E2N), min & max displacement adjustments.

* Cartridge (Plug In) Version

MT Inline Cartridge Motor

Model	Displacement		Max Speed rpm	Max Pressure psi	Output Flange Pilot	Output Shaft
	in ³	cc				
45	2.75	45.1	4200	300	Ø135	tapered keyed



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