



**NORTH AMERICAN HYDRAULICS**

**North American Hydraulics, (NAHI, LLC), partnering with NACHI in power transmission solutions for compact construction machinery applications.**

**Features and Benefits:**

- All required components are integrated
  - Planetary gearbox
  - Hydraulic motor
  - Parking brake
  - Counterbalance valve
  - Relief valve
- High efficiency axial piston motor maintains high efficiencies at high pressure reducing engine stall and enables better machine maneuverability
- Two-speed function
- Auto kick down



**Proven Solutions for:**

- Track
- Wheel
- Winch

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.



**Planetary Drive with Integral Motor Solution Providers**



**PHV Series – Travel Motor**

Model	Available Gear Ratio	Available Hyd. Motor Displacement (Lo/Hi mode) in <sup>3</sup> /rev	Output Torque (Low mode)		Motor Input Speed (Hi mode) in <sup>3</sup> /rev
			Intermittent lbf-in	Continuous lbf-in	
PHV-1B	25.26:1 36.96:1	.58/.29 .67/.34 .70/.35 .76/.38	13,363	6,681	3000
PHV-2B	31.00:1 39.00:1	.98/.51 .98/.56 1.05/.52 1.05/.58	23,186	11,593	3000
PHV-3B	36.51:1 45.20:1	1.26/.67 1.31/.79 1.44/.73 1.44/.79 1.44/.96 1.53/.87	35,407	18,204	3500
PHV-4B	36.80:1 47.53:1	1.75/1.06 1.81/1.12 2.09/1.17 2.15/1.30	61,000	30,504	3500
PHV-5B	64.25:1	2.58/1.32	83,000	41,500	3500
PHV-6B	In Development				
<b>Parking Brake Available</b>					
Torque should be approx 85% of value					

**Other Products Offered by NACHI**



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