



NORTH AMERICAN HYDRAULICS

North American Hydraulics, (NAHI, LLC), partnering with Rotary Power XF Series Radial Piston CAM Motors.

Features and Benefits:

- Modular, Compact, Customizable, CAM Motor
- Radial piston, multi-stroke CAM design
- Displacement 150cc to 1362cc
- Maximum Pressure 6090 psi
- Radial or axial port options
- Compact design with three output styles
- Freewheel capability

Proven Solutions for:

- Construction
- Recycling & Municipal Vehicles
- Agriculture & Forestry
- Mining & Bulk Material Handling
- Marine & Offshore
- Oil & Gas



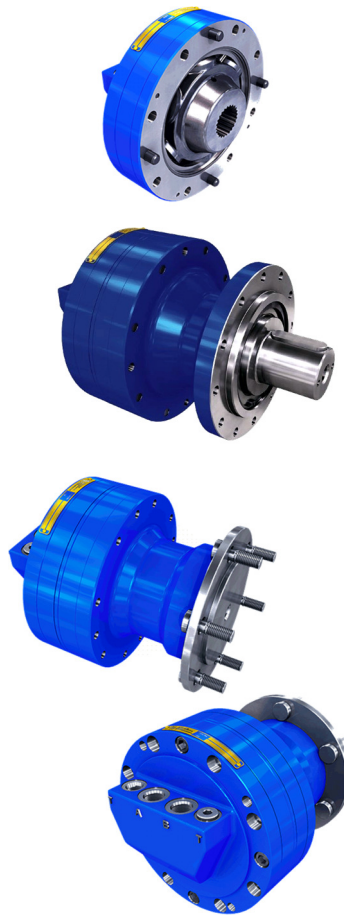
Please contact NAHI for additional information.

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

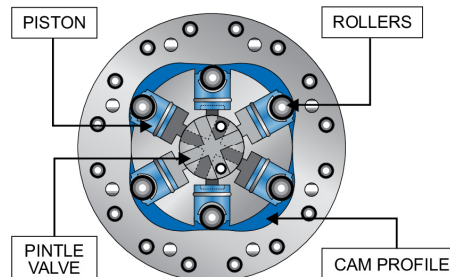
Please contact NAHI for proper selection.



**Radial Piston Motors
Solution Providers**



XF Series - Radial Piston Motor							
XF		Displacement		Max Speed rpm	Max Pressure psi	Max Power hp	
		in ³	cc				
XF02	150	9.1	150	550	6090	24.1	
	200	12.2	200	500			
	280	17.1	280	390			
	340	20.7	340	320			
XF04	300	18.3	300	375		6090	38.9
	350	21.3	350	262			42.9
	400	24.4	400	250			46.9
	480	29.3	480	222			48.3
	560	34.2	561	195			48.3
	620	37.8	620	178			48.3
XF05	390	24.0	393	440		6090	40.2
	490	30.1	493	350			
	560	34.1	559	320			
	680	41.5	681	260			
XF10	780	47.9	785	230	6090	80.4	
	880	54.0	886	200			
	980	60.1	986	180			
	1050	64.2	1052	170			
	1120	68.1	1117	160			
	1240	75.6	1239	145			
	1360	83.1	1362	132			



Oil is fed under pressure through the valve and into the cylinders. The pistons attempt to move outwards. The rollers react on the incline of the cam profile and this action produces rotation of the cylinder block.

Each piston completes four strokes per revolution of the motor. The symmetrical arrangement balances hydraulic forces, eliminating the need for bearings.