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Hydraulic Motors Index

Hydraulic Motors
Optimum Efficiency in Motor Operation

Like all motors, Bosch Rexroth motors take hydraulic energy and convert it into mechanical energy to turn a shaft. For industrial hydraulics applications, we offer bent axis and swashplate pumps with compact and economic design, providing a favorable power/weight ratio for optimum efficiency in operation.

To go directly to a specific type click on one of the titles below.

Axial Piston Bent Axis

External Gear

Axial Piston Swashplate

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Hydraulic Motors

Axial Piston Bent Axis
We offer bent axis motors with compact and economic design, providing a favorable power/weight ratio for optimum efficiency in operation.

Click the data sheet numbers to open the PDF file.

Axial Piston Bent Axis			
Product Photo	**Model**	**Description**	**Data Sheet**
	A2FM A2FE	**Fixed Displacement Bent Axis Motor** High power density, compact design and high overall efficiency	RA 91 001 RE 91 008
	A6VM A6VE	**Variable Displacement Bent Axis Motors** For use in mobile and stationary applications, offers a wide control range, which enables the variable displacement motor to provide both high rotational speed and high torque. Hydrostatic A6VE plug-in motors are intended for the space-saving installation in mechanical gearboxes.	RA 91 604 RE 91 606

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Hydraulic Motors

External Gear
We offer external gear motors with a range of displacements and options.

Click the data sheet numbers to open the PDF file.

External Gear			
Product Photo	**Model**	**Description**	**Data Sheet**
	AZM	**External Gear Hydraulic Motor** Produced in two different models, with a wide range of displacements, and a variety of port, shaft and mounting options.	RA 14 025
	AZMF, AZMN, AZMG	**External Gear Motors**	RE 14 026

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Hydraulic Motors

Axial Piston Swashplate
Swashplate motors with a compact and economic design provide a favorable power/weight ratio for optimum efficiency in operation.

Click the data sheet numbers to open the PDF file.

Axial Piston Swashplate Motors			
Product Photo	**Model**	**Description**	**Data Sheet**
	A4FM	**Fixed Displacement Swashplate Motor** Ideal supplement to the A2FM bent axis hydraulic motor.	RE 91 120
	A10FM and A10FE	**Fixed Displacement Swashplate Motor** Featuring a long hydraulic system service life and excellent value for use in industrial and mobile hydraulics applications.	RA 91 172
	A10VM and A10VE	**2-Speed Swashplate Motor** Heavy duty bearings for long service life and a compact size for high power/weight ratio.	RA 91 703
	A4VS-DS	**Axial Piston Units Secondary Control** High response rotary drive for control of secondary hydraulic units.	RE 92 056

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