

# 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**



# 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	<b>Fixed Displacement Bent Axis Motor</b> High power density, compact design and high overall efficiency	RA 91 001 RE 91 008
	A6VM A6VE	<b>Variable Displacement Bent Axis Motors</b> 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	<b>External Gear Hydraulic Motor</b> 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	<b>External Gear Motors</b>	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	<b>Fixed Displacement Swashplate Motor</b> Ideal supplement to the A2FM bent axis hydraulic motor.	RE 91 120
	A10FM and A10FE	<b>Fixed Displacement Swashplate Motor</b> Featuring a long hydraulic system service life and excellent value for use in industrial and mobile hydraulics applications.	RA 91 172
	A10VM and A10VE	<b>2-Speed Swashplate Motor</b> Heavy duty bearings for long service life and a compact size for high power/weight ratio.	RA 91 703
	A4VS-DS	<b>Axial Piston Units Secondary Control</b> High response rotary drive for control of secondary hydraulic units.	RE 92 056

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