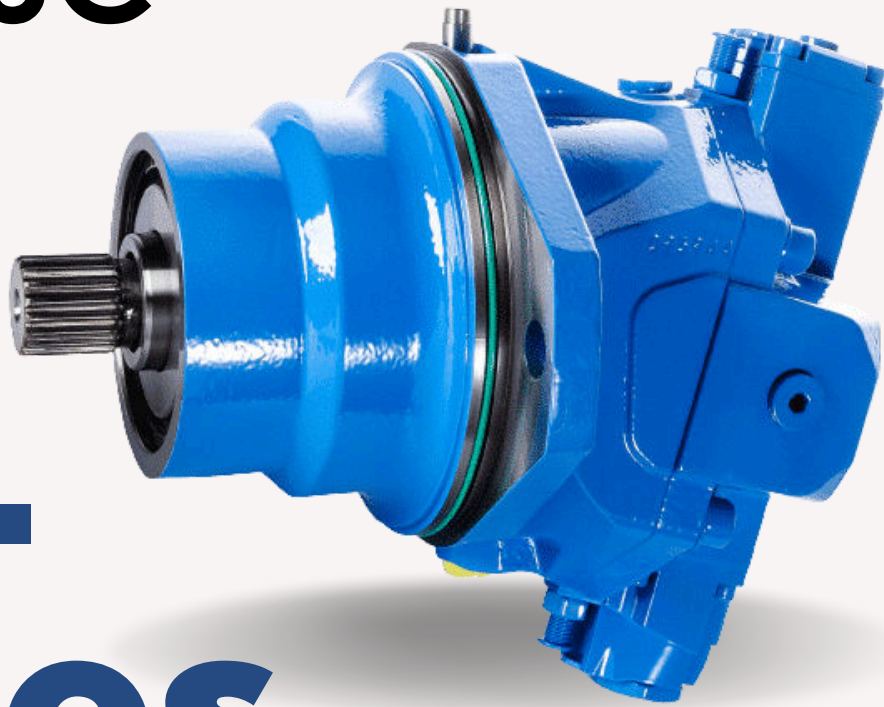




MV-MVA-MVSI series

Variable displacement hydraulic motors

The MV/MVA/MVSI motors deliver variable displacement performance, allowing precise adaptation of speed and torque to operating conditions. Designed for medium and heavy-duty applications, they ensure high efficiency, strong starting torque, and reliable performance in demanding environments.

Technical data

		28	85	115
Max. displacement (cm³/tr)	V _{max}	9,6⇔28,1	30,6⇔85,2	41,1⇔115,6
Min. displacement (cm³/tr)	V _{min}	5,6⇔19,4	17⇔57,4	23,1⇔78,1
Displacement ratio 5	V _{max} / 5	5,6 cm³	17 cm³	23,1 cm³
Max. continuous operating pressure	P _{max}	400 bar	400 bar	400 bar
Max. peak pressure	P _p	450 bar	450 bar	450 bar
Max. speed at max. displacement	N _{max} à V _{max}	5550 tr/min	3900 tr/min	3550 tr/min
Max. speed at min. displacement	N _{max} à V _{min}	8550 tr/min	6800 tr/min	5600 tr/min
Max. absorbed flow	Q _{max}	156 l/min	331 l/min	408 l/min
Max. output power	P _{max}	99 kW	220 kW	271 kW
Max. output torque at P _{max} and V _{max}	C _{max}	17,9 daN.m	54 daN.m	73 daN.m

Currently, three displacements are available: 28 cm³/tr, 85 cm³/tr, and 115 cm³/tr. The expansion of the range is underway.



Product catalogue
➤ Open



Product webpage
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