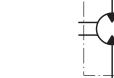
HYDRAULIC MOTORS MRNA



APPLICATION

» Actuator motor as driving-motor for steering mechanism of the the three-wheel vehicles;



В

- » For conveyors (series connection);
- » Dosing motor etc.

MRNA is suitable for driven mechanism where smooth operation low speed and high pressure is demanded. It is designed with separated output shaft and spool valve and can be specified with low internal leakage.

» Good start-up characteristics;

» Precise control of the Torque at low small flow.

» Smooth operation at high pressure and small oil flow;

» High volumetric efficiency.

Hydraulic Reservoir

The main technical features correspond to the standard motors series MR ø28,56 [1.124 in.] sealing diameter. There are no changes in the overall and mounting dimensions. For detailed technical and mounting data please refer to MR catalogue.



SPECIFICATION DATA

Code	Displa- cement cm ³ /rev [in ³ /rev]	Max. Speed [RPM]	Max. Torque daNm [lb-in]				Max. Output kW [HP]				Max. Pressure Drop, bar [PSI]				Max. Oil Flow, Ipm	
Code							C, CO			A shafts						
		cont.	cont.	int*	cont.	int*	cont.	int*	cont.	int*	cont.	int*	cont.	int*	cont.	
MRNA 50	51,5	200	10	13	10	13	2,0	2,5	2,0	2,5	140	175	140	175	10,5	
	[3.14]		[885]	[1150]	[885]	[1150]	[2.68]	[3.35]	[2.68]	[3.35]	[2030]	[2540]	[2030]	[2540]	[2.8]	
MRNA 80	80,3	200	20	22	20	22	3,0	3,5	3,0	3,5	175	200	175	200	16	
	[4.9]		[1770]	[1940]	[1770]	[1940]	[4.02]	[4.69]	[4.02]	[4.69]	[2540]	[2900]	[2540]	[2900]	[4.2]	
MRNA 100	99,8	200	24	28	24	28	4,5	5,0	4,5	5,0	175	200	175	200	20	
	[6.09]		2120	[2480]	2120	[2480]	[6.03]	[6.71]	[6.03]	[6.71]	[2540]	[2900]	[2540]	[2900]	[5.3]	
MRNA 125	125,7	200	30	34	30	34	5,5	6,0	5,5	6,0	175	200	175	200	25	
	[7.67]		[2650]	[3000]	[2650]	[3000]	[7.37]	[8.05]	[7.37]	[8.05]	[2540]	[2900]	[2540]	[2900]	[6.6]	
MRNA 160	159,6	200	29	39	39	43	5,0	6,5	6,0	7,5	120	175	175	200	32	
	[9.74]		[2560]	[3450]	[3450]	[3800]	[6.71]	[8.05]	[8.05]	[10.05]	[1740]	[2540]	[2540]	[2900]	[8.5]	
MRNA 200	199,8	200	29	38,5	38,5	46	5,0	7,0	6,5	9,0	105	140	140	175	40	
	[12.19]		[2560]	[3400]	[3400]	[4070]	[6.71]	[9.39]	[8.72]	[12.06]	[1520]	[2030]	[2030]	[2540]	[10.5]	
MRNA 250	250,1	200	30	39	39	47	5,0	7,0	6,0	9,0	80	110	110	140	50	
	[15.26]		[2650]	[3450]	[3450]	[4160]	[6.71]	[9.39]	[8.05]	[12.06]	[1160]	[1600]	[1600]	[2030]	[13.2]	
MRNA 315	315,7	190	30	42	36	47	5,0	7,5	6,0	8,5	70	100	85	115	65	
	[19.26]		[2650]	[3720]	[3450]	[4160]	[6.71]	[10.05]	[8.05]	[11.4]	[1020]	[1450]	[1230]	[1670]	[17.2]	
MRNA 400	397,0	150	30	40	38	47	4,0	6,5	6,0	7,0	55	70	65	90	60	
	[24.4]	150	[2650]	[3540]	[3260]	[4160]	[[5.36]	[8.72]	[8.05]	[9.39]	[800]	[1015]	[940]	[1300]	[15.8]	

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* Intermittent operation: the permissible values may occur for max. 10% of every minute.