

Hydre-MAC™
Eaton Radial Piston Motors

A powerful radial piston motor,
built to go the distance



There's a new heavyweight champion of low-speed, high torque (LSHT) direct drive, radial piston motors and its name is Hydre-MAC. Setting the standard for power, performance and reliability, this robust behemoth is ready to take on a variety of applications, from offshore and marine to mining, metal recovery and more.

Technology standards that you know.

Based on the same principles as the partially discontinued Hägglunds Marathon motor and developed in partnership with MacTaggart Scott, Hydre-MAC is a direct, drop-in replacement for the Marathon motor. It uses all of the same shaft and mounting hardware, making switching costs a Non-issue during the replacement. And it's completely serviceable by an authorized service center or your own on-site maintenance professional to maximize your uptime.

Reliability your application demands.

Hydre-MAC is in it for the long haul. With a symmetrical, 18-piston/roller assembly design that eliminates side loading, and two inlet/outlet ports that reduce pressure drop at high power, Hydre-MAC generates less heat and experiences less wear and tear. Plus, all of its load bearing surfaces are serviceable, including the stainless steel shaft seal wear ring, piston seal and bearing pad, and it comes with comprehensive service and repair instructions if maintenance is ever necessary.

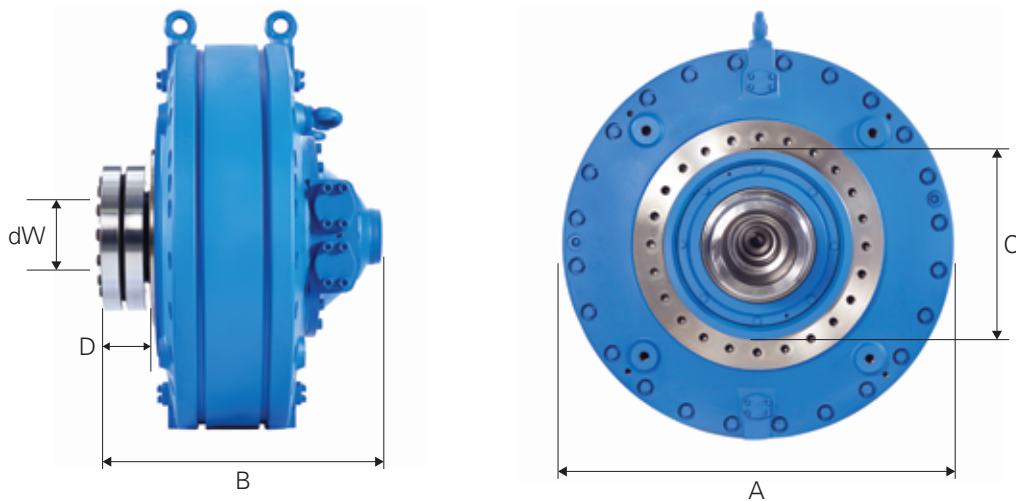


EATON

Powering Business Worldwide

Product specifications and dimensions with cross reference

Eaton Model	Hydraulic Specifications										Cross Reference		
	Displacement		Torque (theoretical)		Speed Rated	Max	Max Pressure		Max Power		Model	Displacement	
	L/rev	in ³ /rev	Nm/Bar	lb.ft/100psi	rpm	rpm	bar	psi	kW	HP		L/rev	in ³ /rev
RCC1013	13	780	203	1031	65	120	350	5075	895	1200	MA200	13	767
RCC1016	16	982	255	1295	50	85	350	5075	798	1070	MB283	18	1084
RCD1020	20	1232	320	1625	45	70	350	5075	823	1104	n/a	n/a	n/a
RCD1025	25	1546	402	2041	40	60	350	5075	887	1189	MB400	25	1534
RCE1030	30	1867	486	2467	35	50	350	5075	892	1196	n/a	n/a	n/a
RCE1036	36	2165	563	2858	32	42	350	5075	869	1165	MB566	36	2170
RCF1042	42	2575	671	3406	28	38	350	5075	935	1254	n/a	n/a	n/a
RCF1050	50	3093	805	4087	25	35	350	5075	1035	1388	MB800	50	3066



Eaton Model	Dimensions (mm)							Cross Reference		
	A	B	C	D	dW	Kg	Lbs	Model	C	dW
RCC1013	905	707	460	154	155	1200	2640	MA200	460	155
RCC1016	905	707	530	154	180	1200	2640	MB283	530	180
RCD1020	1110	805	530	161	200	2000	4400	n/a	n/a	n/a
RCD1025	1110	805	530	161	200	2000	4400	MB400	530	200
RCE1030	1220	844	700	185	260	2400	5280	n/a	n/a	n/a
RCE1036	1220	844	700	185	260	2400	5280	MB566	700	260
RCF1042	1350	857	700	197	260	2900	6380	n/a	n/a	n/a
RCF1050	1350	857	700	197	260	2900	6380	MB800	700	260

EatonHydraulics Group
USA
14615 Lone Oak Road
Eden Prairie, MN 55344 USA
Tel: 952-937-9800
Fax: 952-294-7722
eaton.com/hydraulics

EatonHydraulics Group
Europe
Route de la Longeraie 7
1110 Morges Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

EatonHydraulics Group
Asia Pacific
Eaton Building
No. 7 Lane 280 Linhong Road
Changning District, Shanghai
200335 China
Tel: (+86 21) 5200 0099
Fax: (+86 21) 2230 7240