

Eaton Radial Piston Motors
Hydre-MAC™

A powerful radial piston motor
built to go the distance.



EATON

Powering Business Worldwide





Meet the powerfully un



There's a new heavyweight champion of low-speed, high torque (LSHT) direct drive, radial piston motors and its name is Hyde-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, Hyde-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 nonissue during the replacement. And it's completely serviceable by an authorized service center or your own on-site maintenance professional to maximize your uptime.

Performance like you've never seen.

Hydre-MAC can deliver a staggering 900kW of power and up to 280,000Nm of torque at max pressures of up to 350 bar. That may come as a surprise to those who witness its smooth, quiet operation and experience its over 94% efficiency. But seeing is believing, and when it comes to performance, Hyde-MAC isn't just getting the job done—it's getting the job done *well*.

Reliability your application demands.

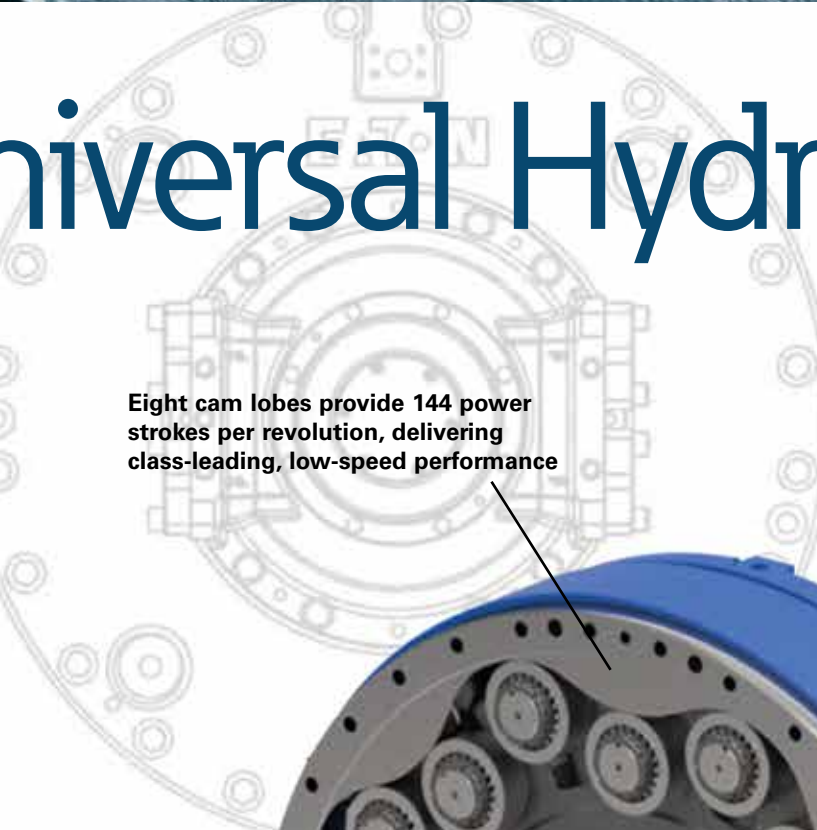
Hydre-MAC is in it for the long haul. With a symmetrical, 18-piston/roller assembly design that eliminates side loading, and two inlet/outlet ports that reduce pressure drop at high power, Hyde-MAC generates less heat and experiences less wear and tear. Plus, all of its load bearing surfaces are serviceable, 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.

From the people you can trust: Eaton.

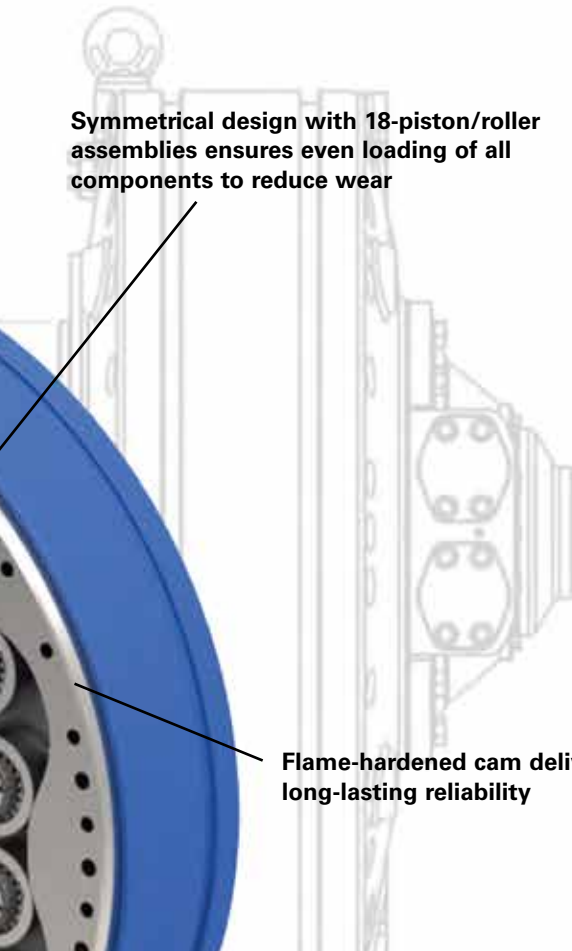
While performance and reliability are essential, Eaton's global distribution network also makes Hyde-MAC one of the most readily available and accessible radial piston motors on the market. And, with the combined expertise of both Eaton and MacTaggart Scott engineering, system design and application of Hyde-MAC is optimized and streamlined to quickly meet your needs.



Universal Hydre-MAC.™



Eight cam lobes provide 144 power strokes per revolution, delivering class-leading, low-speed performance



Symmetrical design with 18-piston/roller assemblies ensures even loading of all components to reduce wear



Flame-hardened cam delivers long-lasting reliability



Wear plates are completely serviceable



From Eaton: powering the world for more than 100 years.

Eaton is a global technology leader in power management. For more than a century, our mission has been to make hydraulic, electrical and mechanical power systems operate efficiently, effectively, safely and sustainably. Our industry-leading distribution network extends to virtually every corner of the globe. Our ability to partner with our customers to develop custom-tailored solutions for their exact needs is legendary. And we're one of the only companies in the world with both hydraulic and electrical solutions in one place—simplifying one more aspect of an increasingly complex world.

eaton.com/hydraulics

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