

“New generation” MS83/125 hydraulic motor

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Power and efficiency combined in a single motor!

Thanks to their new valving, the MS83 and MS125 High Flow enable reductions in pressure drops of over 50%, which directly increases the efficiency of the motors during operation, even at low speeds. At comparable performance levels, the machine's overall consumption is reduced, and users benefit from significant fuel savings.

Machine manufacturers looking for performance will find in these products a way to enhance the image of their machines. Thanks to their design with four hydraulic ports, the MS83 and MS125 High Flow have been designed to provide superior torque and a speed that is up to 50% higher, even for the most heavy-duty of applications, thus increasing the productivity of end users.

* pressure drops at 55 rpm, and speed for a displacement of 125 cc (7,5 cu.in)

Nor do all these efforts to optimize performance do anything to compromise the size of these motors. Designed to address the dimensional constraints that have become so imperative, their compactness and reduced diameters facilitate their integration and reduce development times for machine manufacturers.

Customer benefits:

- Direct drive
- High power
- High torque
- High efficiency
- Flexible design/Ease of installation
- Compactness
- Reliability thanks to a proven design

Typical applications:

- Grinders
- Marine Winches
- Industrial Applications (Rolling devices, Mixers, Injection moulding machines, etc.)
- Mining Applications
- Tunnel drilling, etc.

Source: Poclain Hydraulics, Ltd.