

# HYDRO LEDUC BENT AXIS MOTORS



**HYSPECS**  
HYDRAULIC ENGINEERING

## M series motors

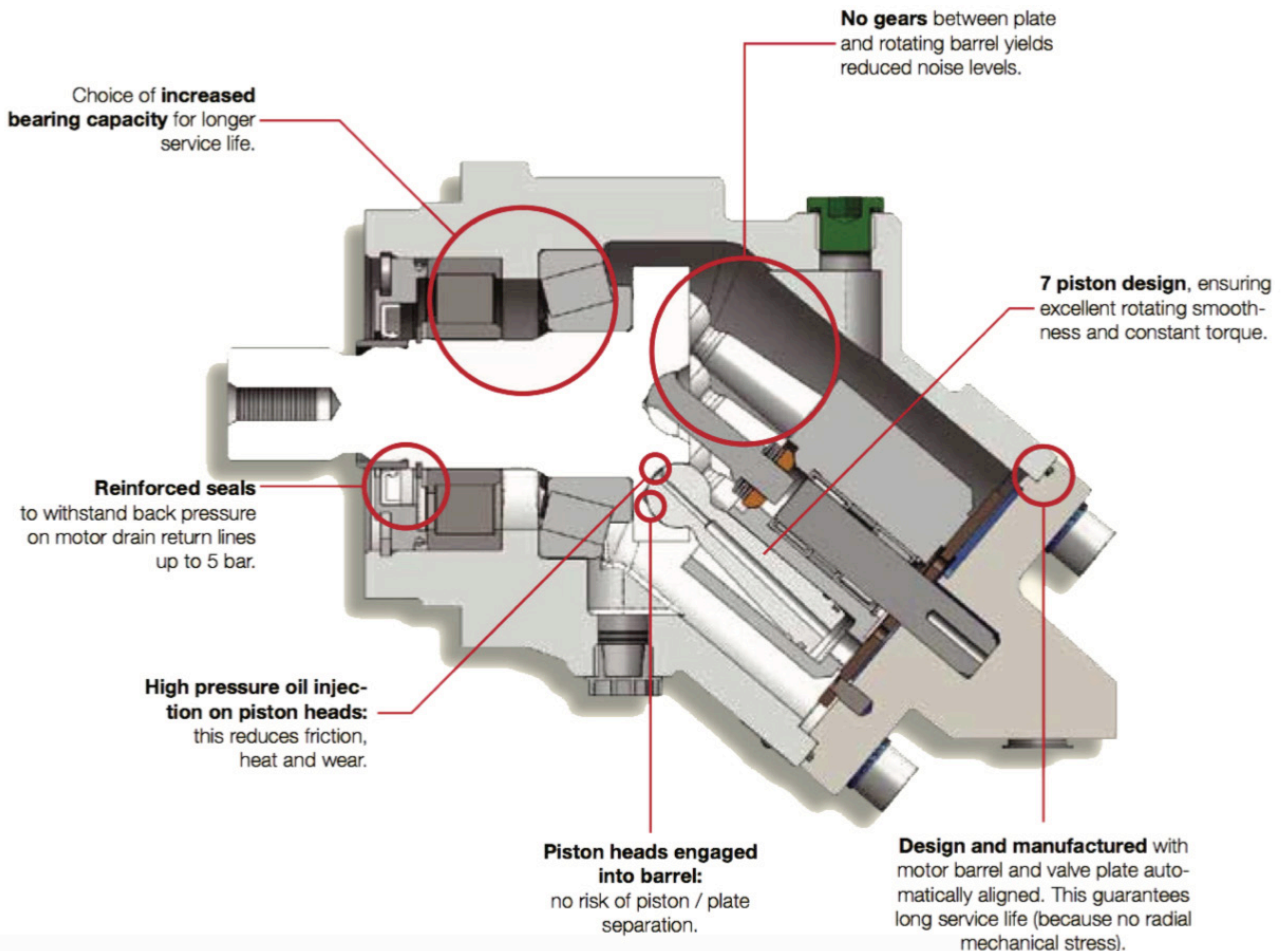
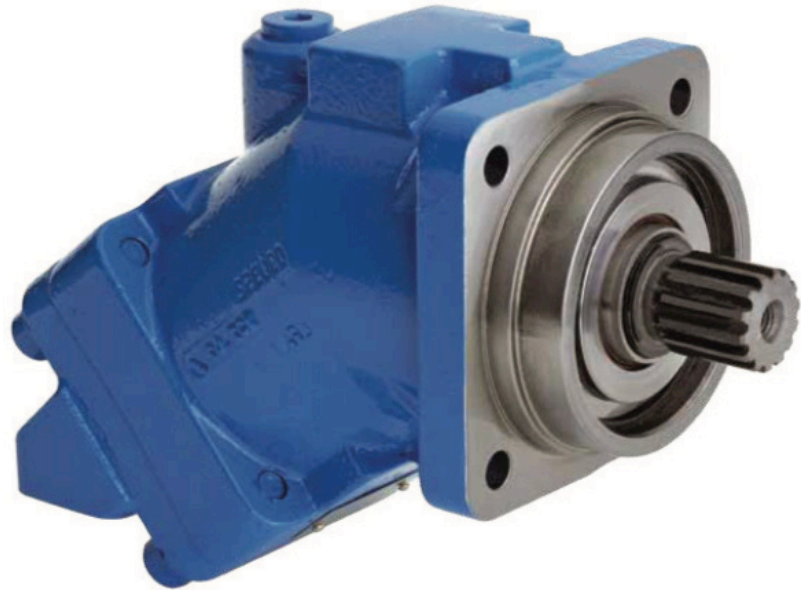
HYDRO LEDUC hydraulic motors of the M series are of bent axis design, with an angle of 40°. They combine high performance and reduced size envelope.

- Global efficiency of over 90% (guaranteed in most applications)
- Suitable for use at operating speeds between 50 and 8,800 rpm
- Optimised weight and size.

Available in displacements from 12cc to 126cc, M motors are suitable for all industrial and mobile applications.

They are designed for use in either closed or open loop systems.

**HYDRO  
LEDUC**



# HYDRO LEDUC BENT AXIS MOTORS

## Characteristics of the M series motors

M series motors are suitable for intensive long duty requirements. Designed for both mobile and industrial installations. Typical applications are:

- Vehicle transmissions
- High power crushers
- Forestry equipment
- Heavy duty winches

These motors are built to suit all applications to ISO standard 3019/2.

Displacement (cc)	continuous max. speed <sup>(1)</sup> (rpm)	Intermittent max. speed <sup>(1)</sup> (rpm)	Max. flow absorbed (l/mn)	Torque bar (m.N/bar)	Torque at 350 bar (m.N)	Motor max./min. temperature* (°C)	Max. allowable pressure continuous / peak (bar)
12	8000	8800	96	0.19	66	-25 / 110	400 / 450
18	8000	8800	144	0.28	98	-25 / 110	400 / 450
25	6300	6900	158	0.4	140	-25 / 110	400 / 450
32	6300	6900	202	0.5	175	-25 / 110	400 / 450
41	5600	6200	230	0.65	227	-25 / 110	400 / 450
45	5000	5500	225	0.72	250	-25 / 110	400 / 450
50.3	5000	5500	252	0.8	280	-25 / 110	400 / 450
63	5000	5500	315	1	350	-25 / 110	400 / 450
80.4	4500	5000	362	1.27	445	-25 / 110	400 / 450
90	4500	5000	378	1.42	497	-25 / 110	400 / 450
108.3	4000	4400	435	1.7	595	-25 / 110	400 / 450
108.3	3400	4500	367	1.7	595	-25 / 110	400 / 450
126	3400	4500	428	2	700	-25 / 110	400 / 450

For temperatures, please contact us.

For speeds, please contact us.

For torque, please contact us.

For more information on Hyspecs Hydro Leduc bent axis piston motor range, talk with one of our engineers on 0800 497 732.

For servicing of your hydraulic motors call us now on 0800 497 732 to book a repair.

## Hydraulic Specialties Ltd

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