



The BM4 is a large spool valve, high pressure motor with a radial ball-bearing design and can bear greater load.

CHARACTERISTIC FEATURES

- The motor can be used in high pressure and high torque applications.
- Double taper roller bearings permit high radial loads.
- Credible design for shaft seal , which can bear high pressure.

Main Specification

Displacement (cc)		245	310	395	490	625	800
cu.in/rev		14.9	18.9	24.0	29.8	38.1	48.7
Flow (GPM)	Cont.	21	21	21	21	21	21
	Int.	26	26	26	26	26	26
Speed (RPM)	Cont.	320	250	200	156	120	100
	Int.	390	300	240	200	150	120
Pressure (PSI)	Cont.	2030	2030	2030	2030	1812	1450
	Int.	2175	2175	2175	2175	1885	1740
Torque (in-lbs)	Cont.	4036	5708	7187	7063	8187	10656
	Int.	6150	7302	8718	8727	11771	12639

- Notes**
1. Continuous data: The Max. Value of operating motor continuously.
 2. Intermittent Data: The Max. Value of operating motor is 10 % per minute.
 3. Simultaneous max. RPM and max. pressure are not recommended.
 4. The Conversion Factors are on page 4.
 5. Optimum operating situation should be at the 1/3~2/3 of the continuous operation.