



The BM3 is a spool valve with 2 radial ball-bearing type motor that can bear bigger radial force.

CHARACTERISTIC FEATURES

- Supported by double ball-bearing, the shaft can carry bigger radial force than our BM2 motor.
- Credible design for shaft seal, which can bear high pressure and be used in parallel or in series.
- Direction of shaft rotation and speed can be controlled easily and smoothly.
- Best combination of efficiency and economy in medium duty applications.

Main Specification

Displacement (cc)		100	160	200	250	315	400
cu.in/rev		6.1	9.7	12.2	15.2	19.2	24.4
Flow (GPM)	Cont.	15	15	15	15	15	15
	Int.	18	18	18	18	18	18
Speed (RPM)	Cont.	551	344	276	220	175	140
	Int.	646	404	323	258	205	162
Pressure (PSI)	Cont.	2030	2030	1812	1595	1305	1305
	Int.	2465	2465	2175	1885	1595	1450
Torque (in-lbs)	Cont.	1310	2106	2301	2859	3363	3453
	Int.	1531	2461	2602	3204	3983	4541

- 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.