



The BMT is one of our largest volume disc valve, high pressure motor, with a radial ball-bearings design that can bear greater load.

CHARACTERISTIC FEATURES

- The motor can be used in high pressure and high torque applications.
- Advanced design in disc distribution flow, which can provide improved performance at low speed.
- The valve can automatically compensate for wear, so the volumetric efficiency is higher.
- Double taper roller bearings permit high radial loads. The motors can be used on heavier vehicles in traction drive applications.

Main Specification

Displacement (cc)		250	315	400	500	630	800
cu.in/rev		15.2	19.2	24.3	30.4	38.4	48.7
Flow (GPM)	Cont.	33	33	33	33	33	33
	Int.	40	40	40	40	40	40
Speed (RPM)	Cont.	495	380	302	237	196	154
	Int.	592	458	364	284	233	185
Pressure (PSI)	Cont.	2900	2900	2600	2320	2030	1812
	Int.	3480	3480	3045	2610	2320	1885
Torque (in-lbs)	Cont.	6435	8515	9691	11020	11665	12958
	Int.	7860	10214	11231	12471	13258	13453

- 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. A simultaneous max. RPM and max. pressure is not recommended.
 4. The Conversion Factors is on page 4.
 5. Optimum operating situation should be at the 1/3~2/3 of the continuous operation.