



The 4K is a large volume that is between our BM5 and BM6, disc valve, high pressure motor with radial ball-bearings design and 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)		130	160	195	245	315	395	490	625
cu.in/rev		7.9	9.7	11.8	14.9	19.2	24.0	29.8	38.1
Flow (GPM)	Cont.	25	25	25	25	25	25	25	25
	Int.	30	30	30	35	35	40	40	40
Speed (RPM)	Cont.	719	583	465	382	298	232	193	152
	Int.	860	692	554	533	419	370	308	241
Pressure (PSI)	Cont.	2975	2975	2975	2975	2975	2750	2030	1660
	Int.	4500	4500	4500	3770	3770	3480	2450	2030
Torque (in-lbs)	Cont.	3310	4275	5266	6160	7523	8213	8346	8595
	Int.	4903	6231	6709	7461	9125	10497	10337	10284

- 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.