

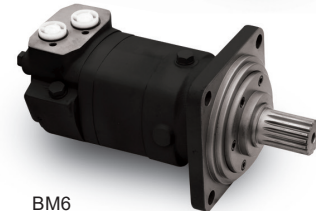
**BM6** IS A LARGE VOLUME, DISC VALVE, HIGH PRESSURE MOTOR, WITH RADIAL BALL-BEARINGS DESIGN AND CAN BEAR GREATER LOAD, AND HAS HIGHER TORQUE CAPABILITIES THAN OUR **BM5**

**CHARACTERISTIC FEATURES**

- THE MOTOR CAN BE USED IN HIGH PRESSURE AND HIGH TORQUE
- ADVANCED DESIGN IN DISC DISTRIBUTION FLOW, WHICH CAN PROVIDE IMPROVED PERFORMANCE AT LOW SPEED
- THE VALVE CAN AUTOMATICALLY COMPENSATE FOR THE WEAR, SO THE VOLUMETRIC EFFICIENCY IS HIGH
- DOUBLE TAPER ROLLER BEARINGS PERMIT HIGH RADIAL LOADS. THE MOTORS CAN BE USED ON HEAVIER VEHICLES IN TRACTION DRIVE APPLICATIONS



BM6S



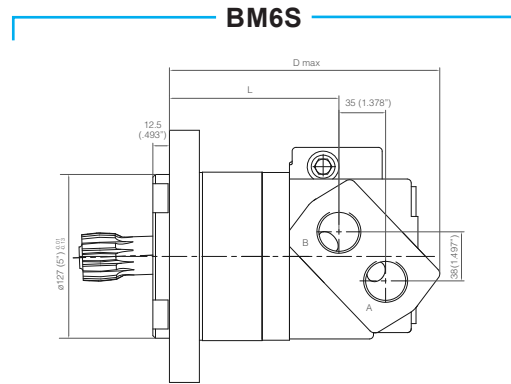
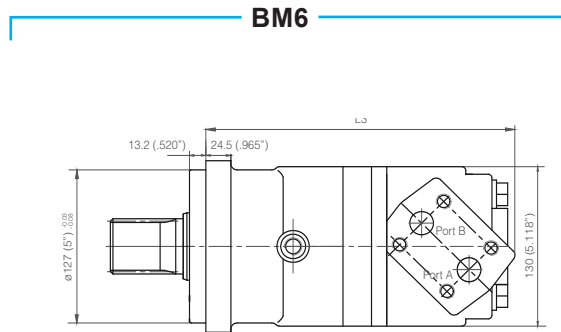
BM6

**MAIN SPECIFICATIONS**

DISPLACEMENT IN <sup>3</sup> (CM <sup>3</sup> ) / REV.		11.8 (195)	14.9 (245)	18.9 (310)	24.00 (395)	29.8 (490)	38.1 (625)	48.7 (800)	60.0 (985)
FLOW (GPM)	CONT.	40	40	40	40	40	40	40	40
	INT.	45	55	60	60	60	60	60	60
SPEED (RPM)	CONT.	775	615	485	383	307	241	184	153
	INT.	866	834	698	563	454	355	276	230
PRESSURE (PSI)	CONT.	2975	2975	2975	2975	2450	2030	1740	1740
	INT.	4500	4500	4500	4500	3990	2465	2030	2030
TORQUE (LB-IN)	CONT.	5083	6497	8212	10051	10723	11731	12483	13852
	INT.	7602	10440	11934	14453	16619	12155	14551	16540
LENGTH (IN)	L1	9.055	1.004	9.567	9.961	10.354	10.906	11.732	12.480
	L2	9.646	9.862	10.146	10.551	10.925	11.496	12.323	13.071
	L3	10.157	10.345	10.630	11.024	11.417	12.008	12.835	13.583
	L4	10.028	10.248	10.535	10.882	11.315	11.894	12.717	13.457
	L5	10.472	10.669	10.945	11.339	11.732	12.323	13.110	13.858

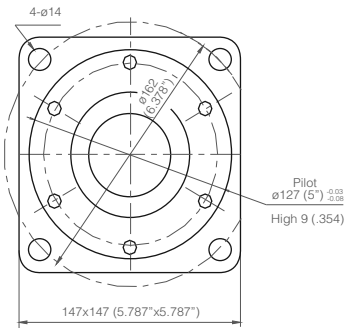
- NOTES**
1. CONTINUOUS DATA: THE MAX. VALUE OF OPERATING MOTOR CONTINUOUSLY.
  2. INTERMITTENT DATA: THE MAX. VALUE OF OPERATING MOTOR IN 6 SECONDS PER MINUTE.
  3. A SIMULTANEOUS MAX. RPM AND MAX. PRESSURE IS NOT RECOMMENDED.
  4. THE CONVERSION FACTORS IS ON THE PAGE 4, CONSULT IT PLEASE.
  5. OPTIMUM OPERATING SITUATION SHOULD BE AT THE 1/3~2/3 OF THE CONTINUOUS OPERATING SITUATION.

DIMENSIONS

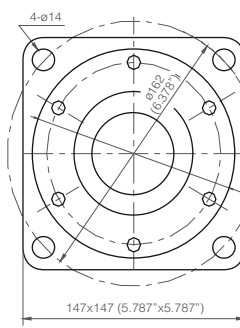


MOUNTING FLANGES

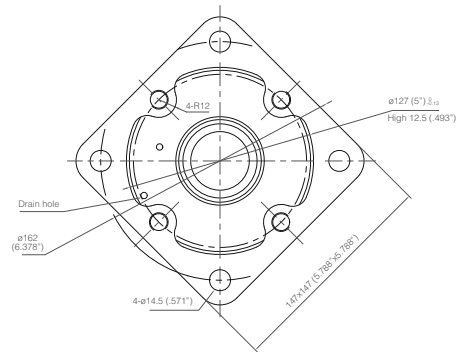
Flange A



Flange F

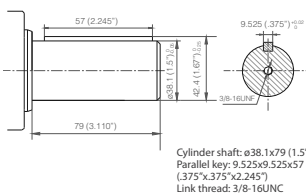


Flange A

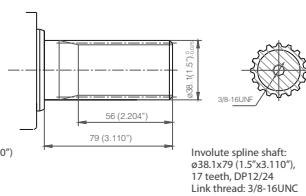


SHAFT TYPE

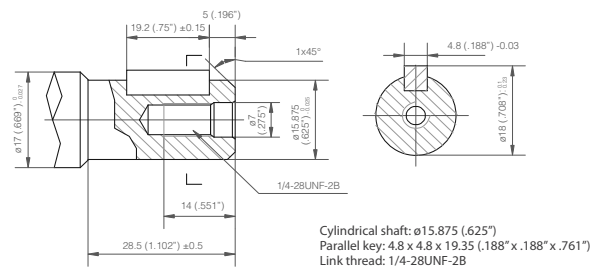
Shaft A



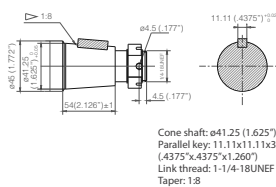
Shaft B



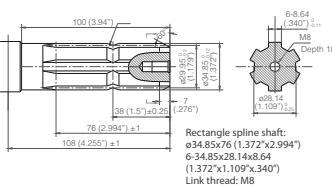
Shaft B



Shaft D



Shaft E



Shaft C

