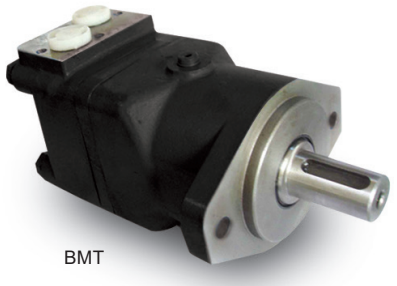
BMT IS A LARGE VOLUME DISC VALVE, HIGH PRESSURE MOTOR, WITH RADIAL BALL-BEARINGS DESIGN, AND CAN BEAR GREATER LOAD.

CHARACTERISTIC FEATURES

- THE MOTOR CAN BE USED IN HIGH PRESSURE AND HIGH TORQUE
- 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



BMT

MAIN SPECIFICATIONS

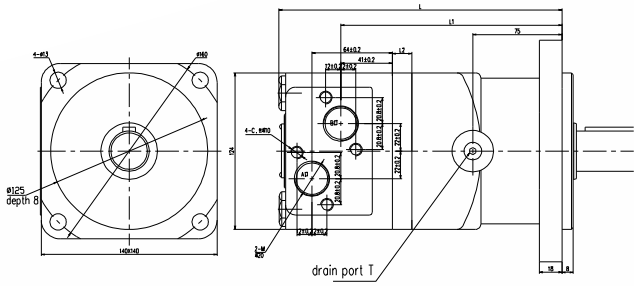
DISPLACEMENT IN^3 (CM^3) / REV.		15.2 (250)	19.2 (315)	24.3 (400)	30.4 (500)	38.4 (630)	48.7 (800)
FLOW (GPM)	CONT.	33	33	33	33	33	33
	INT.	40	40	40	40	40	40
SPEED (RPM)	CONT.	495	380	302	237	196	154
	INT.	592	458	364	284	233	185
PRESSURE (PSI)	CONT.	2900	2900	2600	2320	2030	1812
	INT.	3480	3480	3045	2610	2320	1885
TORQUE (LB-IN)	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 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.

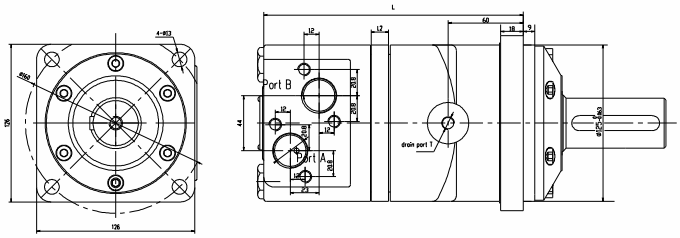
DIMENSIONS

BMT

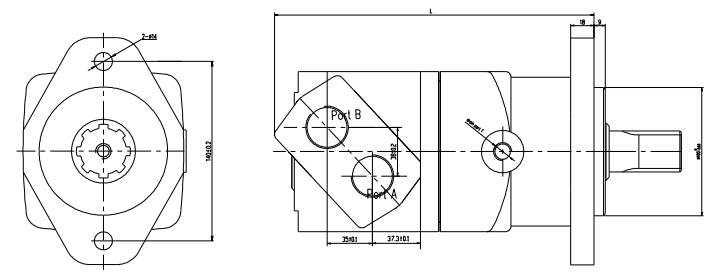
CONFIGURATION A: STANDARD TYPE



CONFIGURATION B:



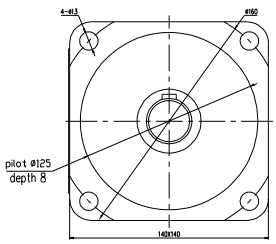
CONFIGURATION C:



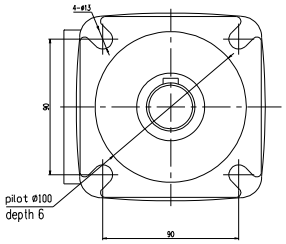
DIMENSION (MM)	L	L1	L2
250	227.5	178	14.7
315	233.5	183.5	20.3
400	240.5	191	27.5
500	248.5	199	35.5
630	259.5	209.5	47.4
800	275	225	62

MOUNTING FLANGES

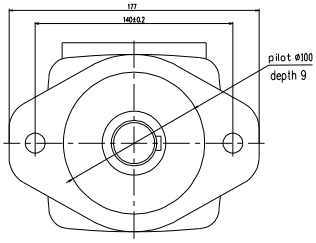
Flange A



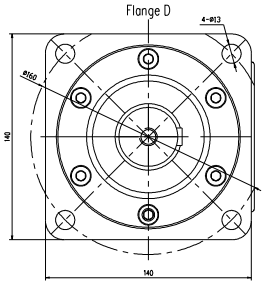
Flange B



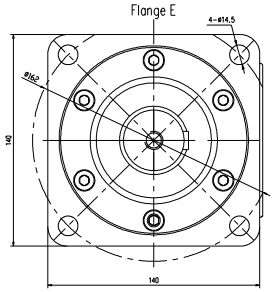
Flange C



Flange D



Flange E



SHAFT TYPE