

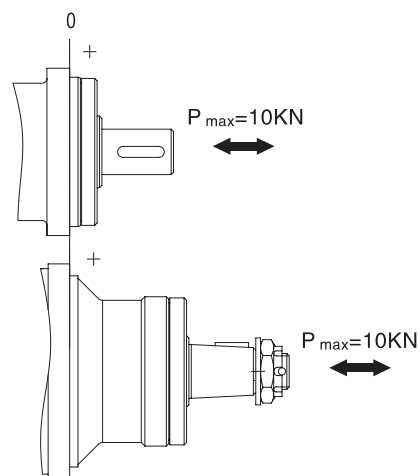
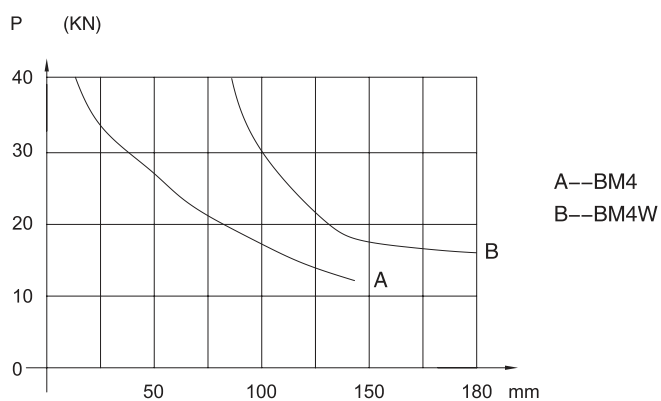
■ BMT TECHNICAL DATA

TYPE		BMT-160 BMTS-160 BMTW-160	BMT-200 BMTS-200 BMTW-200	BMT-250 BMTS-250 BMTW-250	BMT-320 BMTS-320 BMTW-320	BMT-400 BMTS-400 BMTW-400	BMT-500 BMTS-500 BMTW-500
Displacement (cm ³ /rev)		158.8	200.8	252.2	317.5	401.6	535.3
Max.Pressure.Drop (Mpa)	cont.	20	20	20	20	18	16
	int.	24	24	24	24	21	18
	peak.	28	28	28	28	24	21
Max.torque (N.m)	cont.	450	561	710	902	1008	1121
	int.	559	714	883	1143	1255	1377
	peak.	663	818	1021	1322	1431	1598
Speed.Range(cont.)(r/min)		10-625	9-625	8-500	7-380	6-305	5-240
Max.Flow(cont.)(L/min)		100	125	125	125	125	125
Max.Output.Power(cont.)(Kw)		20.1	25.2	25.2	25.2	22	31
Weight (kg)		20.3	20.8	21.4	22.4	23	24

Intermittent operation the permissible values may occur for max. 10% of every minute

Peak load: the permissible values may occur for max. 1% of every minute

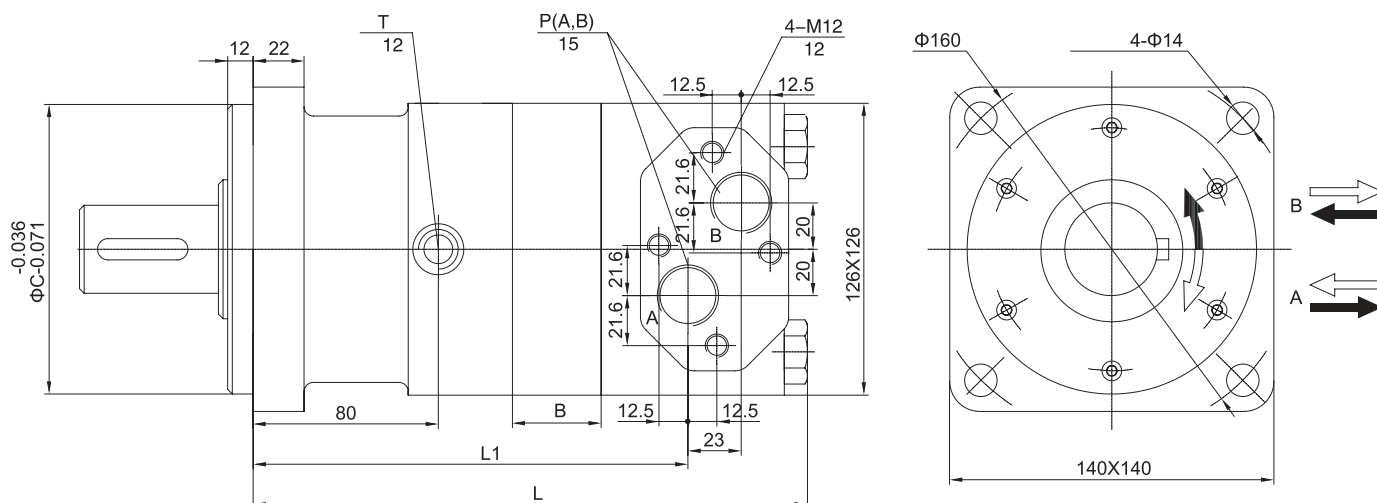
■ PERMISSIBLE SHAFT LOADS



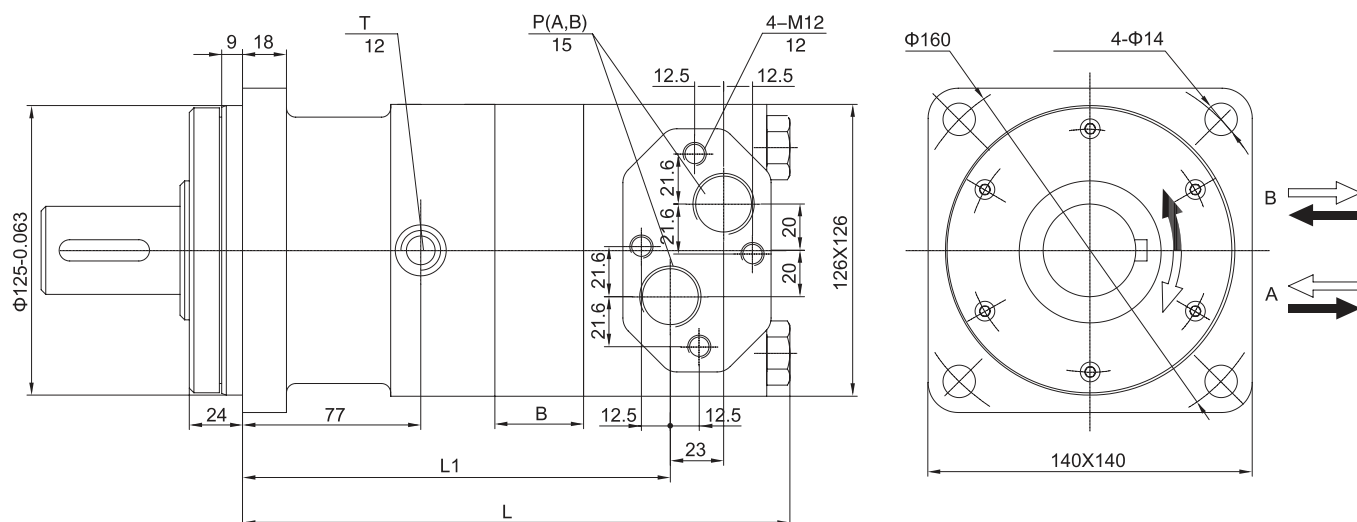
■ BMT INSTALLATION AND MOUNTING FLANGE

A,A1 Version Square flange

Flange	Φ C
A	Φ 125
A1	Φ 90



B Version Square flange

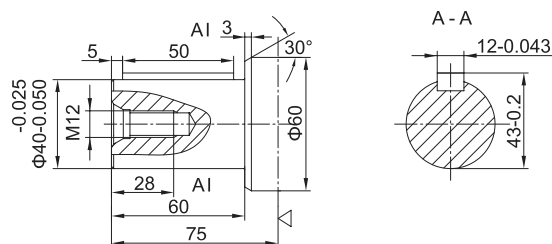


TYPE	BMT-160	BMT-200	BMT-250	BMT-320	BMT-400	BMT-500
L	210	215	220	227	236	255
L1	150	155	160	167	176	195
B	12	16.5	22	29	38	56.5

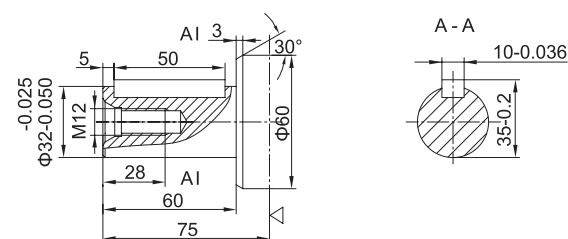
BMT SHAFT VERSION

Only match with A,A1 flange

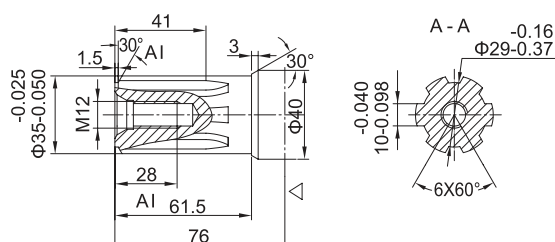
C 40 $\Phi 40$ Cylindrical shaft, parallel key 12X8X50



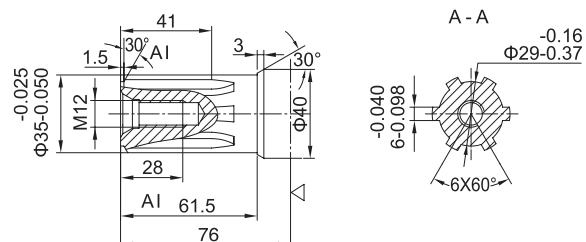
C 32 $\Phi 32$ Cylindrical shaft, parallel key 10X8X50



S 35 $\Phi 35$ Splined shaft, 6-35X29X10

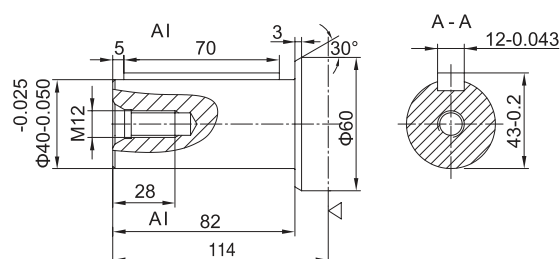


S 35 A $\Phi 35$ Splined shaft, 6-35X29X6

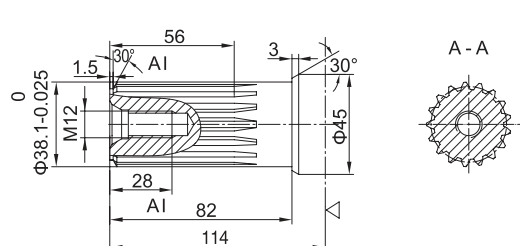


Only match with B flange

C 40 A $\Phi 40$ Cylindrical shaft, parallel key 12X8X70



S 38.1 $\Phi 38.1$ Involute splined shaft, Pitch 12/24 Teeth 17 Pressure angle 30°



BMT ORDERING CODE

	1	2	3	4	5
BMT	-				/

1 Displacement

160, 200, 250, 315, 400, 500

2 Shaft

C 40 $\Phi 40$, 12X8X50

C 32 $\Phi 32$, 10X8X50

C 40A $\Phi 40$, 12X8X70

S 35 $\Phi 35$, 6-35X29X10

S 35 A $\Phi 35$, 6-35X29X6

S 38.1 $\Phi 38.1$, DP12/24 z17 a30°

T 45 $\Phi 45$, 1:10, B12X8X28

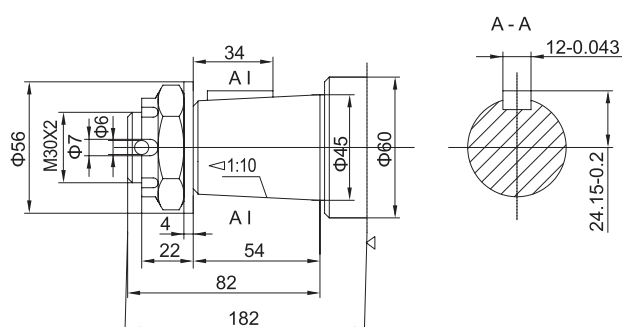
3 Mounting Flange

A 4- $\Phi 14$, $\Phi 125$

A1 4- $\Phi 14$, $\Phi 90$

B 4- $\Phi 14$, $\Phi 125$

T 45 $\Phi 45$ Tapered shaft, taper1: 10, parallel key B12X8X28



4 Ports

	P(A,B)	T
G	G3/4	G1/4
M1	M27X2	M14X1.5
M2	M22X1.5	M14X1.5
M3	M20X1.5	M14X1.5