



ORBITAL HYDRAULIC MOTOR

MODEL BMH



WWW.OLEODINAMICAMOZIONI.IT

BMH INTRODUCTION

THIS SERIES OF MOTOR, WITH ITS SHELL MADE OF DUCTILE CAST IRON OF ADEQUATE INTENSITY, CAN BE APPLIED TO SITUATIONS WITH LESS LOAD AND INTERVAL OPERATION, WIDELY TO AGRICULTURE, FORESTRY, PLASTICS, MACHINE TOOLS AND MINI MACHINES, SUCH AS THE MOLD HEIGHT ADJUSTMENT OF THE INJECTION MOLDING MACHINE, THE CLEANER, THE SAWMILL THE WORKTABLE ETC.



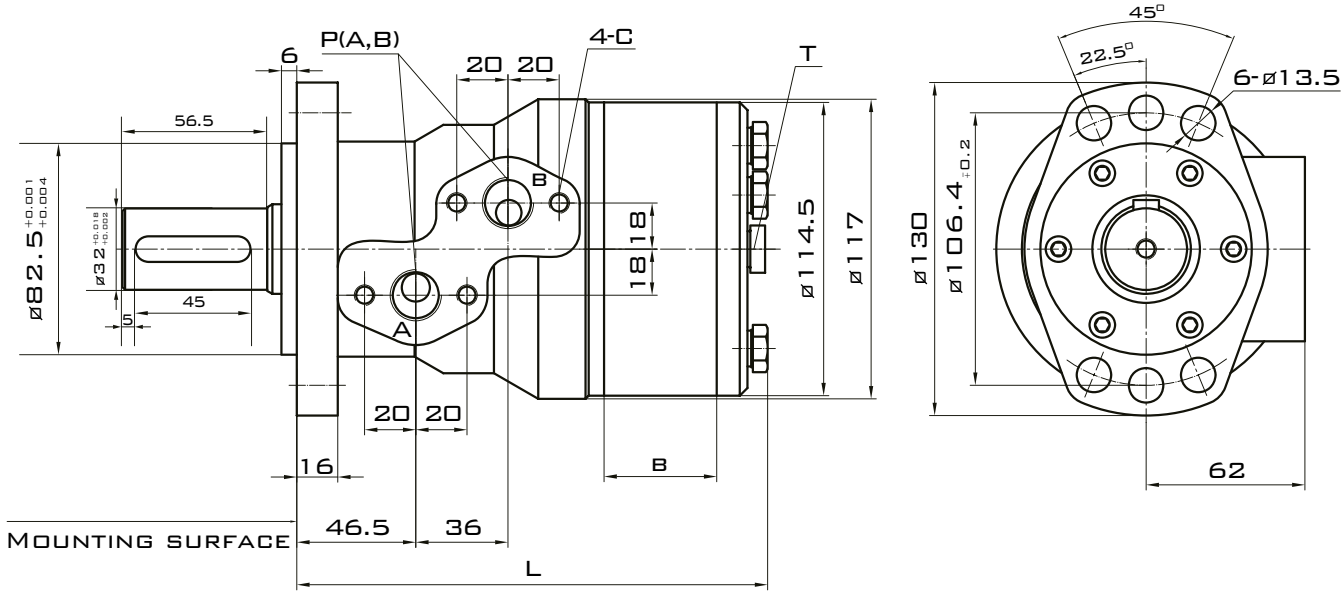
BMH TECHNICAL DATA

TYPE		BMH-200	BMH-250	BMH-315	BMH-400	BMH-500
DISPLACEMENT (CM ³ /R)		203	253.7	318.9	405.9	471.1
MAX.PRESSURE.DROP (MPA)	CONT.	16	16	15	14	12
	INT.	19	19	18	17	15
	PEAK.	22	22	21	20	18
MAX.TORQUE (N·M)	CONT.	425	530	610	825	720
	INT.	510	635	750	900	910
	PEAK.	590	735	875	1055	1090
MAX.CONT.SPEED (R/MIN)		365	295	235	180	155
MAX.FLOW (CONT.) (L/MIN)		75	75	75	75	75
MAX.OUTPUT.POWER (CONT.) (KW)		13.8	13.8	12.5	11.5	9.8
WEIGHT (KG)		10.5	11	11.5	12.5	13



BMH INSTALLATION

TYPE	BMH-200	BMH-250	BMH-315	BMH-400	BMH-500
L	168	175	184	196	205
B	28	35	44	56	65



AIV – ø13.5 OVAL FLANGE, PILOT ø82.5x6

BMH PORTS CODE

PORTS	P(A,B)(DEEP)	C(DEEP)	T (DEEP)
CODE			
Y	G 1/2 (15)	M8 (13)	G 1/4 (12)

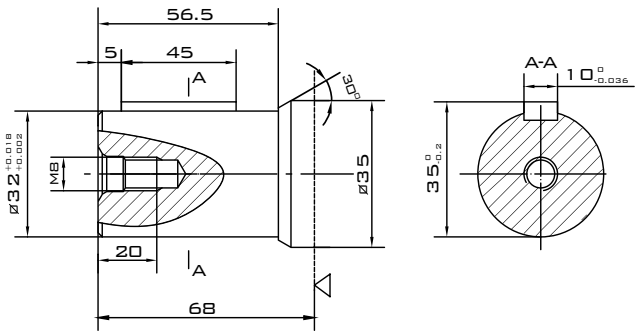
NOTE: P(A,B) – PORTS,
C – MOUNTING THREAD (– INDICATES NO THIS THREAD),
T – DRAIN CONNECTION



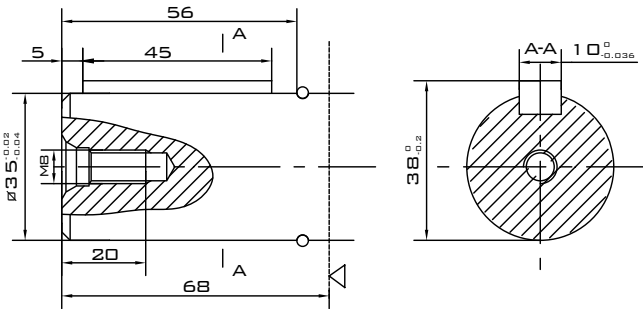
ORBITAL HYDRAULIC MOTOR

SHAFT VERSION

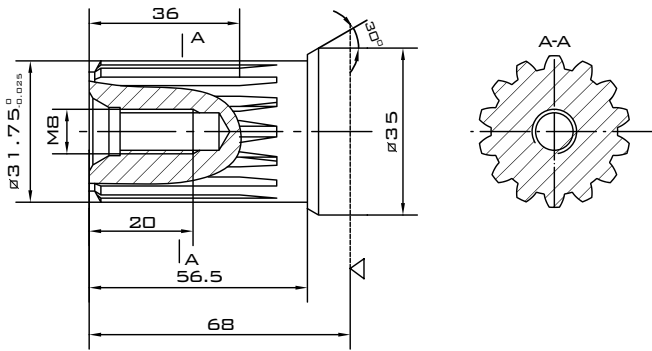
P1: $\varnothing 32$ CYLINDRICAL SHAFT,
PARALLEL KEY 10x8x45



P7: $\varnothing 35$ CYLINDRICAL SHAFT,
PARALLEL KEY 10x8x45



K2: $\varnothing 31.75$ INVOLVE SPLINED SHAFT
14-DP12/24 A=30°



ORDER CODE

BMH									
SERIES = BMH								ROTATION DIRECTION OMIT = STANDART L = OPPOSITE	
DISPLACEMENT		200						SPECIAL FEATURES OMIT = STANDART	
		250							
		315							
		400							
		500							
OUTPUT SHAFT								CODE PORTS	
P1 =		$\varnothing 32$ CYLINDRICAL						PORTS(A,B)(DEEP) DRAIN PORT T(DEEP)	
P7 =		$\varnothing 35$ CYLINDRICAL						Y = G1/2(15) G1/4(12)	
K2 =		$\varnothing 31.75$ INVOLUTE SPLINED						FLANGE AIV = $\varnothing 13.5$ OVAL FLANGE PILOT $\varnothing 82.5 \times 6$	