



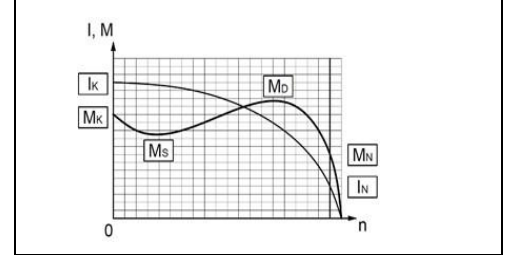
ELSAN Elektrik San. ve Tic. A.Ş.
Etiler Mah. 1458. Cad. No:40
06790 Etimesgut / Ankara / TÜRKİYE
T: +90 312 244 09 94 F: +90 312 243 14 38
M: info@emtas.com.tr W: www.emtas.com.tr



TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	VEMS 90-4-117		
Protection Class	IP55		
Duty Type / Service Factor	S1	1.0	
Insulation Class	F		
Altitude / Ambient temperature	1000,0 m	40 C°	
Customer / Date / Order Number	-	18.09.2025	-



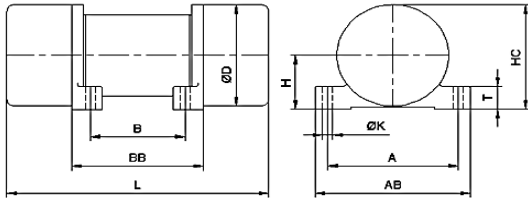
PERFORMANCE DATA (FULL LOAD)

Construction Type /Frame	Model	Max. %100 (kgf)	Current (A)	Rated Output (kW)	Static Moment(kg mm)	Bearing	Weight (kg)	Vibrating Force (Centrifugal Force) (kg)					
								Max. %100	2.Kad. %95	3.Kad. %85	4.Kad. %70	5.Kad. %50	Min. %30
90-4-117	2	1175	1,10	0,55	467,0	NJ 2307	45	1175,0	1135,0	1018,0	831,0	588,0	304,0

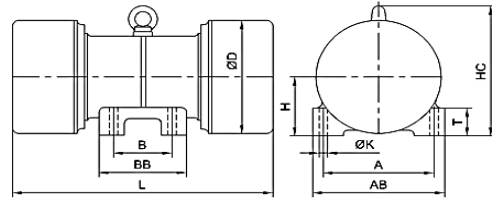
CHARACTERISTIC DATA

Frame	Ductile Iron (GGG40)	Bearing	NJ 2307		
		Special Equipment	☐ Heater	☐ Heat sensor	-
Terminal box	Ductile Iron(GGG40)	Colour	RAL 6028 - Green		
Cable Gland	Pg 11				

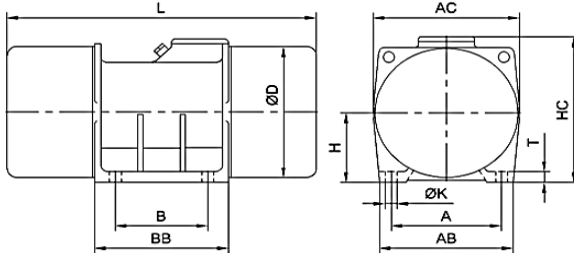
MODEL 1



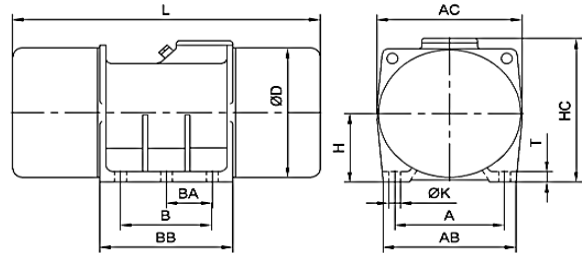
MODEL 2



MODEL 3A



MODEL 3B



DIMENSIONS (mm)

Construction Type / Frame	Model	Power (kW)	A	AB	AC	B	BB	BA	D	H	HC	K	T	L
90-4-117	2	0,6	180,0	215,0	-	95,0	137,0	-	203,0	105,0	245,0	17,0	50,0	445,0

Important Note : Values provided in this datasheet represent the preliminary design values. Please keep in mind that these values might vary for the final product, due to technical requirements.