

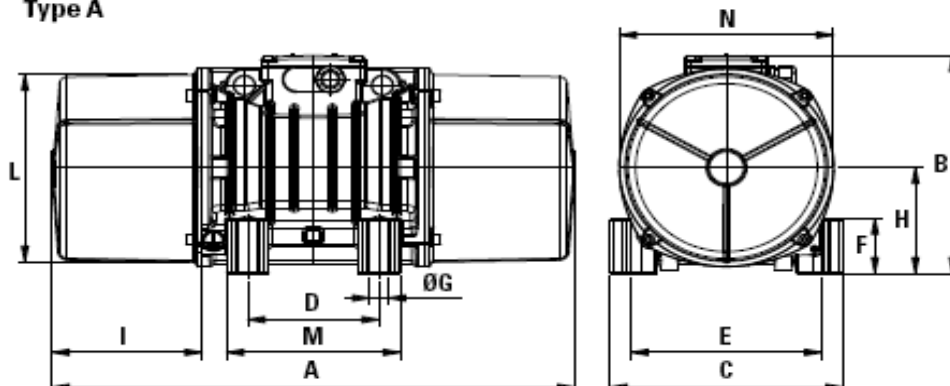
MECHANICAL CHARACTERISTICS

Weights Position %	Static moment		Centrifugal Force			Bearing Life w/1.3 Load Factor	Bearing Life w/1.0 Load Factor
	kgmm	in.-lb	kg	lb	kN		
100	1274	111	1424	3133	14,0	9075	19937
90	1147	99,7	1282	2820	12,6	12437	27323
80	1019	88,6	1139	2506	11,2	17733	38960
70	892	77,5	997	2193	9,78	26441	58091
60	764	66,5	854	1880	8,38	42072	92432
50	637	55,4	712	1566	6,98	72598	>100000
40	510	44,3	570	1253	5,59	>100000	>100000
30	382	33,2	427	940	4,19	>100000	>100000
20	255	22,2	285	627	2,79	>100000	>100000
10	127	11,1	142	313	1,40	>100000	>100000
Weight:			139 lb (63,0 kg)		Bearing:		
Working Moment:			222 in-lb (255 kgcm)		Dynamic load:		
Max Static Moment:			111 in-lb (1274 kgmm)		Lube schedule:		
					6311.2Z.C3		
					16623 lb (7556kg)		
					Lubricated for life		

ELECTRICAL CHARACTERISTICS

				in-lb	Nm
Nominal input voltage:	230	400	Nominal torque:	71,4	8,01
Nominal current (amps):	3,1	1,8	Start torque:	112	12,6
Start current (amps):	9,5	5,5	Maximum torque:	138	15,5
Start/Nom. current ratio:	3,05		Start/nom. torque ratio:	1,57	
Input power (watts):	950		Max/nom. torque ratio:	1,94	
Output power (hp):	0,87		Starting time (sec):	2,35	
Service Factor:	1,0		Duty cycle:	continuous	
Efficiency:	68,5%		Max. Ambient Temp.:	+40°C (104 F)	
Slip:	9%		Inertia (kgm ² lb-ft ²):	0,6163	17,0906
Power factor:	0,76		Inverter Duty:	20Hz to 50Hz	
Coil resist (Ω @ 20°C):	16,1		Operating Temp. Code:	N/A	
Insulation class:	F		Capacitance (μF):	N/A	
Locked Rotor Code:	D				

Type A



	in.	mm
A:	24,4	620
B:	9,61	244
C:	9,06	230
D:	5,51	140
E:	7,48	190
ØG:	0,67	17
F:	1,77	45
H:	4,57	116
I:	7,64	194
L:	8,15	207
M:	7,48	190
N:	8,86	225

External cable diam.:	9 to 16 mm
Serv. length req.per side:	0,354 to 0,630 inch.
Mounting bolts:	194 mm (7,64 inch.)
Mounting bolt torque:	M16 - (5/8")
	19kgm (137 ft-lb)