

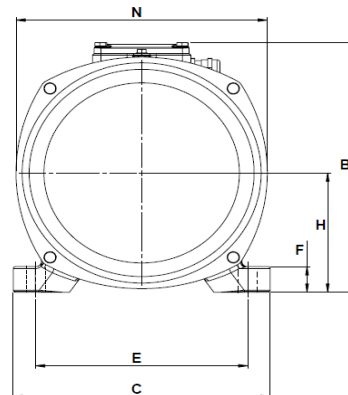
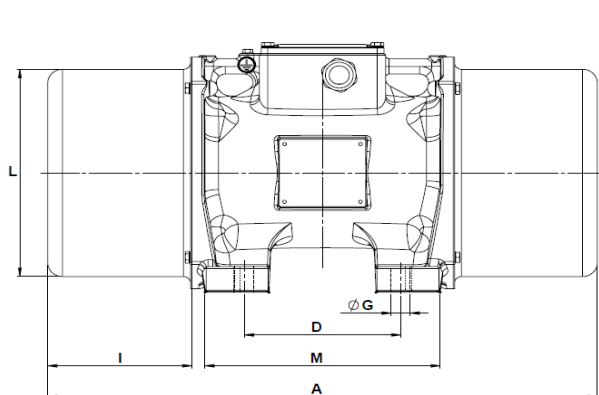
MECHANICAL CHARACTERISTICS

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	271	23,6	304	669	2,98	>100000	>100000
90	244	21,2	274	602	2,68	>100000	>100000
80	217	18,9	243	535	2,38	>100000	>100000
70	190	16,5	213	468	2,09	>100000	>100000
60	163	14,1	182	401	1,79	>100000	>100000
50	136	11,8	152	334	1,49	>100000	>100000
40	108	9,4	122	268	1,19	>100000	>100000
30	81,3	7,1	91	201	0,89	>100000	>100000
20	54,2	4,7	61	134	0,60	>100000	>100000
10	27,1	2,4	30	67	0,30	>100000	>100000

Weight:	37 kg (81,6 lb)	Bearing:	6309.2Z.C4 WT
Working Moment:	54,2 kgcm (47,2 in-lb)	Dynamic load:	12406 lb (5639 kg)
Max Static Moment:	271 kgmm (23,6 in-lb)	Lube schedule:	Lubricated for life

ELECTRICAL CHARACTERISTICS

			in-lb	Nm
Nominal input voltage:	230	400	21,9	2,46
Nominal current (amps):	1,3	0,75	37,4	4,19
Start current (amps):	3,3	1,9	44,6	5,00
Start/Nom. current ratio:	2,53		1,7	
Input power (watts):	350		2,03	
Output power (hp):	0,32		1,14	
Service Factor:	1,0		continuous	
Efficiency:	69%		+40°C (104 F)	
Slip:	6%		Inertia (kgm² lb-ft²):	0,1101 3,053
Power factor:	0,67		Inverter Duty:	20Hz to 50Hz
Coil resist (Ω @ 20°C):	51			
Insulation class:	F			
Locked Rotor Code:	D			



	in.	mm
A:	14,02	356
B:	8,86	225
C:	8,07	205
D:	4,72	120
E:	6,69	170
ØG:	0,67	17
F:	0,79	20
H:	4,11	104,5
I:	3,03	77
L:	7,13	181
M:	7,28	185
N:	7,99	203

External cable diam.:	9-16 mm
Serv. length req.per side:	0,354-0,630 inch
Mounting bolts:	77 mm (3,03 inch)
Mounting bolt torque:	M16 - (5/8")
	19 kgm (137 ft-lb)

Approvals and certifications

CE UK CA	LVD 2014/35/UE, RoHS 2015/863/UE
	UKCA SI 2016 No.1101
cSP us	CSA C22.2 N°100-95 Class 4211 01
	Class II, Div. 2, Gr.FG, T3B
EAC	TR CU 010/2011
	Cert. N° RU Д-IT.HX37.B.10628/20