

VIBRATOR TECHNICAL DATA SHEET

MODEL: M3/45-S02 380-480V 50/60Hz 3PH

SERIE: AB FRAME SIZE: Micro P/N: 600450A

IP65

RPM 3000/3600

MECHANICAL CHARACTERISTICS

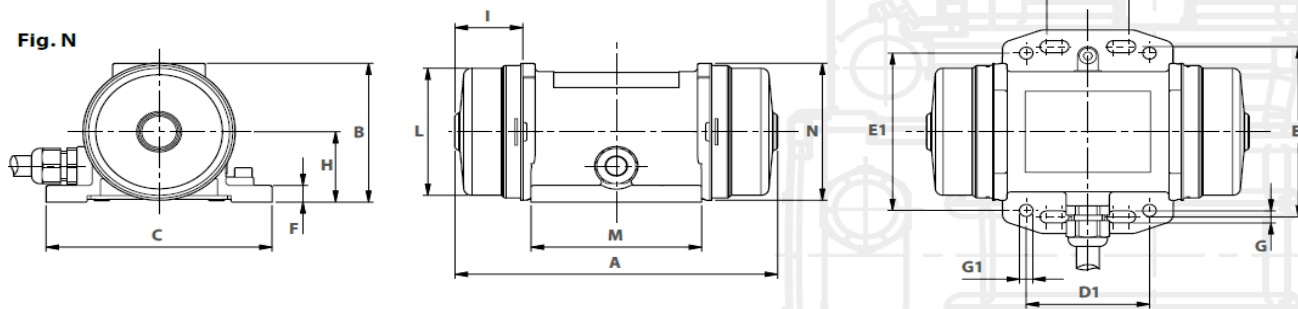
Eccentric Weights		Static Moment		Centrifugal Force				Bearing Life	Bearing Life
Weights Number	%	kgmm	in.-lb	kg		lb		w/1.3 Load Factor	w/1.0 Load Factor
				50Hz	60Hz	50Hz	60Hz		
18	100	4,5	0,39	45	65,0	99	143	10200	23300
16	89	4,0	0,35	40	57,9	88	127	14500	32000
14	77	3,5	0,30	35	50,1	76	110	22000	48200
12	66	3,0	0,26	30	42,9	65	94,4	40000	88600
10	55	2,5	0,22	25	35,8	54	78,7	65000	>100000
8	44	2,0	0,17	20	28,6	44	62,9	>100000	>100000
6	33	1,5	0,13	15	21,5	33	47,2	>100000	>100000
4	22	1,0	0,09	10	14,3	22	31,5	>100000	>100000
2	11	0,5	0,04	5	7,2	11	15,7	>100000	>100000

Weight:	2,2 kg (4,9 lb)	Bearing:	6200.2ZR.C3
Working Moment:	9 kgmm (0,78 in.-lb)	Dynamic load:	1430 lb (650 kg)
Max Static Moment:	4,5 kgmm (0,39 in.-lb)	Lube schedule:	Lubricated for life

ELECTRICAL CHARACTERISTICS

Nominal input voltage (V):	380-480	Duty cycle:	continuous
Nominal current (amps):	0,16	Mech. Protection	IP65
Input power (watts):	45	Max. Amb. Temp.:	+40°C (104 F)
Output power (hp):	0,06	Inverter Duty:	20Hz to 60Hz
Service Factor:	1,0	Capacitance (µF):	N/A

Fig. N



	in.	mm
A:	6,77	172
B:	2,95	75
C:	4,33	110
D:	0,98-1,58	25-40
D1:	2,36	60
E:	3,62	92
E1:	3,35	85
ØG:	0,26	6,5
ØG1:	0,26	6,5
F:	0,35	9
H:	1,50	38
I:	1,59	40
L:	2,72	69
M:	3,27	83
N:	2,91	74

External cable diam.:	4 ÷ 8 mm
	0,157 ÷ 0,315 inch.
Service length req. per side:	40 mm (1,59 inch)
Mounting bolts:	M6 - (1/4")
Mounting bolt torque:	1,0 kgm (7,2 ft.-lb)

Approvals and certifications		
UK CA	ATEX 2014/34/UE - UK SI	II3D Ex tc IIIC T100°C Dc
		TR CU 012/2011
ERC	Cert.N°RU C-IT.HB07.B.00614/22	