

VIBRATOR TECHNICAL DATA SHEET

MODEL: M3/45-S02 220-240V 50/60Hz 1PH

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

RPM 3000/3600

MECHANICAL CHARACTERISTICS

Eccentric Weights		Static Moment		Centrifugal Force				Bearing Life	Bearing Life
Weights Number	%	kgmm	in.-lb	kg		lb		50Hz	60Hz
				50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
18	100	4,5	0,39	45	65,0	99	143	36500	10200
16	89	4,0	0,35	40	57,9	88	127	49000	14500
14	77	3,5	0,30	35	50,1	76	110	80000	22000
12	66	3,0	0,26	30	42,9	65	94,4	>100000	40000
10	55	2,5	0,22	25	35,8	54	78,7	>100000	65000
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

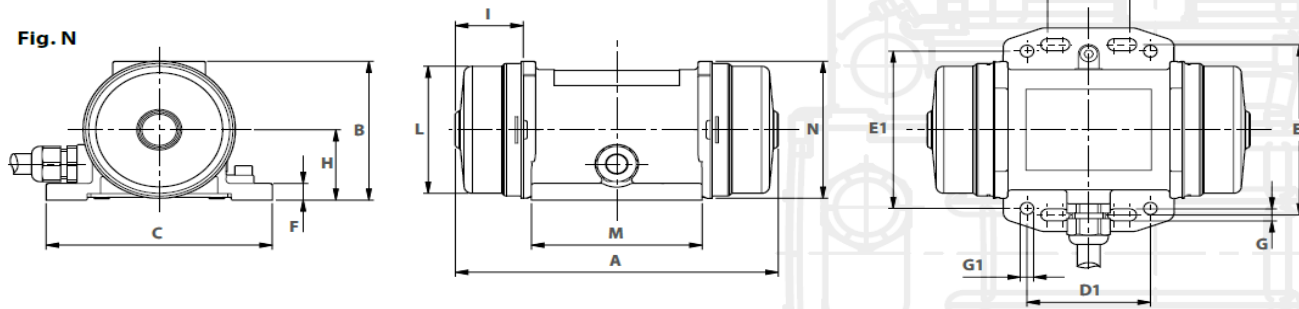
Weight:	4,9 lb (2,2 kg)	Bearing:	6200.2ZR.C3
Working Moment:	0,78 in.-lb (9 kgmm)	Dynamic load:	1430 lb (650 kg)
Max Static Moment:	0,39 in.-lb (4,5 kgmm)	Lube schedule:	Lubricated for life

ELECTRICAL CHARACTERISTICS

Nominal input voltage (V):	220-240
Nominal current (amps):	0,20
Input power (watts):	45
Output power (hp):	0,07
Service Factor:	1,0

Duty cycle:	continuous
Mech. Protection	IP65
Max. Amb. Temp.:	+40°C (104 F)
Inverter Duty:	20Hz to 60Hz
Capacitance (µF):	1,5 µF supplied included in the cable

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	40,5
L:	2,72	69
M:	3,27	83
N:	2,91	74

External cable diam.:	4 ÷ 8 mm
Service length req. per side:	0,157 ÷ 0,315 inch.
Mounting bolts:	40,5 mm (1,59 inch)
Mounting bolt torque:	M6 - (1/4")
	1,0 kgm (1.7,2 ft-lb)