

VIBRATOR TECHNICAL DATA SHEET

MODEL: CDX 15/400-G/D 230/460V 60Hz 3PH

SERIE: AC FRAME SIZE: 20 P/N: 601410C

IP66

RPM 1800

MECHANICAL CHARACTERISTICS

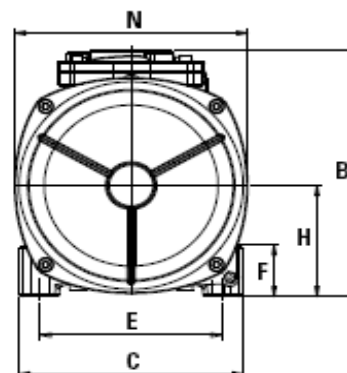
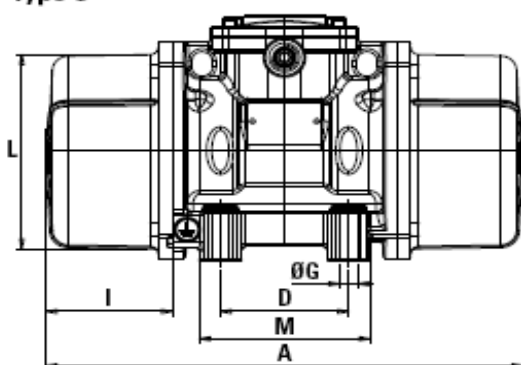
Weights Position	Static moment		Centrifugal Force			Bearing Life w/1.3 Load Factor	Bearing Life w/1.0 Load Factor
	kgmm	in.-lb	kg	lb	kN		
100	113	9,83	411	904	4,03	13366	29364
90	102	8,84	370	814	3,63	18319	40247
80	90	7,86	329	723	3,22	26057	57247
70	79	6,88	288	633	2,82	38845	85342
60	68	5,90	247	543	2,42	61577	>100000
50	57	4,91	206	452	2,02	>100000	>100000
40	45	3,93	164	362	1,61	>100000	>100000
30	34	2,95	123	271	1,21	>100000	>100000
20	23	1,97	82	181	0,81	>100000	>100000
10	11	0,98	41	90	0,40	>100000	>100000

Weight:	20 kg (44 lb)	Bearing:	6306.2Z.C3
Working Moment:	22,6 kgcm (19,7 in.-lb)	Dynamic load:	6640 lb (3018 kg)
Max Static Moment:	11,3 kgmm (9,8 in.-lb)	Lube schedule:	Lubricated for life

ELECTRICAL CHARACTERISTICS

			in-lb	Nm	
Nominal input voltage:	230	460	Nominal torque:	14,1	1,58
Nominal current (amps):	1,2	0,6	Start torque:	23,8	2,67
Start current (amps):	4,2	2,1	Maximum torque:	26,8	3,01
Start/Nom. current ratio:	3,5		Start/nom. torque ratio:	1,69	
Input power (watts):	350		Max/nom. torque ratio:	1,91	
Output power (hp):	0,37		Starting time (sec):	1,0	
Service Factor:	1,0		Duty cycle:	continuous	
Efficiency:	79%		Max. Ambient Temp.:	+40°C (104 F)	
Slip:	7%		Inertia kgm² (lb-ft²):	0,03690	1,0232
Power factor:	0,73		Inverter Duty:	20Hz to 60Hz	
Coil resist (Ω @ 20°C):	47		Equipped with 130°C thermal protector with NC switching contact, to be mandatorily connected, following user manual.		
Insulation class:	F				
Locked Rotor Code:	E				

Type U



	in.	mm
A:	13,78	350
B:	8,58	218
C:	6,57	167
D:	4,13	105
E:	5,51	140
ØG:	0,51	13
F:	1,18	30
H:	3,54	90
I:	3,78	96
L:	5,91	150
M:	5,51	140
N:	6,89	175

Cable entry thread:	1/2" NPT
Serv. length req. per side:	96 mm (3,78 inch.)
Mounting bolts:	M12 - (1/2")
Mounting bolt torque:	8 kgm (58 ft.-lb)

Approvals and certifications

Class I, gr.C,D. Class II, gr. E,F,G.
Temp.Class T4 (135°C)

