

MECHANICAL AND ELECTRICAL FEATURES

50Hz					60Hz				
Weight adjust. *	Static moment	Centr. Force	Theor. Bearing Life	Working Moment	Weight adjust. *	Static moment	Centr. Force	Theor. Bearing Life	Working Moment
%	kgmm	kg	hours	kgcm	%	kgmm	kg	hours	kgcm
100	5044,00	5638	23154	1008,80	100	3478,00	5599	19757	695,60
90	4539,60	5075	32897	907,92	90	3130,20	5039	28071	626,04
80	4035,20	4511	48715	807,04	80	2782,40	4479	41568	556,48
70	3530,80	3947	76028	706,16	70	2434,60	3919	64874	486,92
60	3026,40	3383	> 100000	605,28	60	2086,80	3359	> 100000	417,36
50	2522,00	2819	> 100000	504,40	50	1739,00	2799	> 100000	347,80
40	2017,60	2255	> 100000	403,52	40	1391,20	2239	> 100000	278,24
30	1513,20	1692	> 100000	302,64	30	1043,40	1680	> 100000	208,68
20	1008,80	1128	> 100000	201,76	20	695,60	1120	> 100000	139,12
10	504,40	564	> 100000	100,88	10	347,80	560	> 100000	69,56

*= ADJUSTABLE WEIGHTS FROM 0 + 100%
WITH LINEAR SETTING

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Input current	Freq.	RPM	PD ²	Theoric Starting Time	Slipping	Max Power	Nominal Current	IS/IR	Start. /Nom. Torque	Effic.
Volt	Hz		kgm ²	sec	%	Watt	Amp	-	-	-
230	50	1000	3,98356	2,42	4,5	3800	12,17	4,71	2,23	76%
400	50	1000	3,98356	2,42	4,5	3800	7,00	4,71	2,23	76%
230	60	1200	2,78936	2,16	3	4000	13,00	5,08	2,32	78%
460	60	1200	2,78936	2,16	3	4000	6,50	5,08	2,32	78%

1Kg=9.806N 1N=0.102Kg 1Kg=2.205Lbs 1Lbs=0.453Kg 1Lbs=4.449N 1N=0.225Lbs 1m=3.281ft 1ft=0.305m 1mm=0.039in 1in=25.4mm 1Kw=1.341hp

Weights of the Unit (kg): 240 (50Hz) - 220 (60Hz)

Cont. Duty; AMB.: -20 + +40 °C - Tropicalized mildew proof - Mechanical Protection IP66 IK08 by IEC norms

Bearing type: NJ2314E.C4 (special execution)

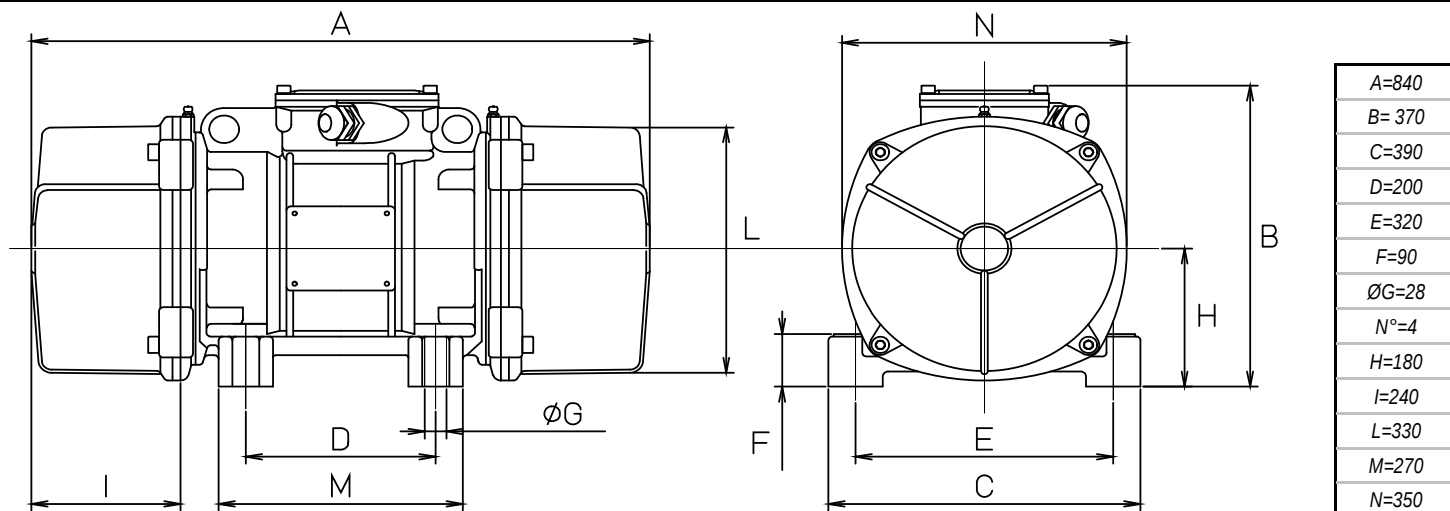
Lubricated with KLUEBER STABURAGS NBU8 EP; top-up amount: g.50 each bearing every 2000 working hours.

Fixing of the unit with 4 Screw M27-1" res. 8.8; clamping torque (kgm · ft/lb): 89-645

Power supply cable diameter (mm): 13÷20; Cable grip type: M32

Servicing free space : 0 mm each side

OVERALL DIMENSIONS (mm)



50hz / 60hz