



CARATTERISTICHE MECCANICHE ED ELETTRICHE

50 Hz					60 Hz				
Reg. masse*	Momento statico	Forza centrifuga	Durata teorica cuscinetti	Momento di lavoro	Reg. masse*	Momento statico	Forza centrifuga	Durata teorica cuscinetti	Momento di lavoro
%	Kgmm	Kg	ore	Kgcm	%	Kgmm	Kg	ore	Kgcm
100	714.46	1797	22230	142.89	100	484.82	1756	20009	96.96
90	643.01	1617	31584	128.60	90	436.34	1580	28428	87.27
80	571.57	1438	46772	114.31	80	387.86	1405	42097	77.57
70	500.12	1258	72994	100.02	70	339.37	1229	65699	67.87
60	428.68	1078	>100000	85.74	60	290.89	1054	>100000	58.18
50	357.23	898	>100000	71.45	50	242.41	878	>100000	48.48
40	285.78	719	>100000	57.16	40	193.93	702	>100000	38.79
30	214.34	539	>100000	42.87	30	145.45	527	>100000	29.09
20	142.89	359	>100000	28.58	20	96.96	351	>100000	19.39
10	71.45	180	>100000	14.29	10	48.48	176	>100000	9.70

*= masse regolabili da 0 a 100 %
con incremento continuo

*= masse regolabili da 0 a 100 %
con incremento continuo

Tens. di alimentaz.	Frequenza	RPM	PD ²	Tempo di avviamento	Scorrimento	Potenza max	Corrente nominale	IS/IR	Coppia Avv./Nomin.	Rendim.
Volt	Hz	-	Kgm ²	sec	%	Watt	Amp	-	-	-
600	50	1500	0.3478	1.69	7	1100	1.27	4.29	2.19	75%
346	50	1500	0.3478	1.69	7	1100	2.20	4.29	2.19	75%
460	60	1800	0.2236	1.23	5	1200	1.90	4.89	2.49	77%
230	60	1800	0.2236	1.23	5	1200	3.80	4.89	2.49	77%

1 Kg = 9.8066 1 N = 0.10192 Kg / 1 Kg = 2.2046 Lbs 1 Lbs = 0.4535 Kg / 1 Lbs = 4.4498 N = 0.2247 Lbs / 1 m = 3.2808 ft 1 ft = 0.3048 / 1 mm = 0.0394 in 1 in = 25.4 mm / 1 Kw = 1.341 hp

Peso (Kg): 58.5 (50 Hz) - 54.5 (60 Hz)

Servizio continuo - Temperatura ambiente: -20 / +40 °C - Tropicalizzazione antimuffa - Protezione meccanica IP66-7 sec. IEC
Tipo di cuscinetto: NJ2308E.C4 (esecuzione speciale)

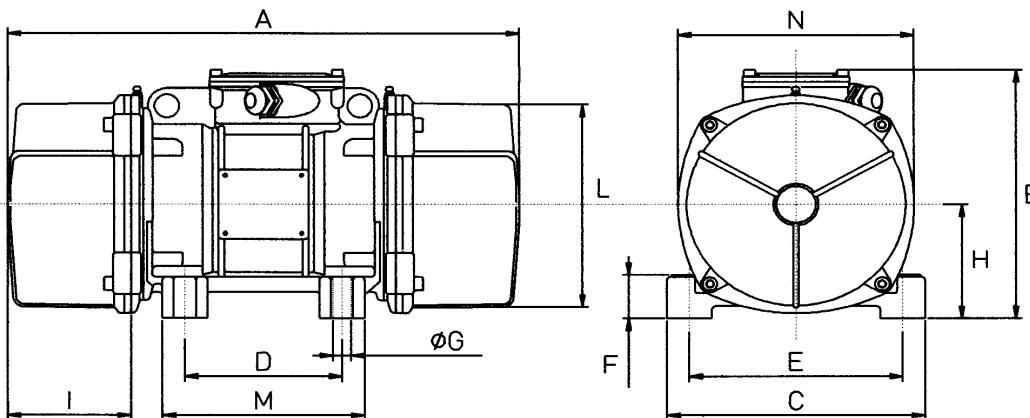
Lubrificati con grasso KLÜBER STABURAGS NBU 8 EP – Quantità di rilubrificazione 16 gr per cuscinetto ogni 1000 ore di funzionamento

Fissaggio con 4 viti M16 - 5/8" res. 8.8 – Coppia di serraggio (Kgm - ft/lb): 19 - 137

Diametro esterno del cavo di alimentazione (mm): 10 ÷ 14 – Pressacavo tipo: M25

Spazio per manutenzione: 134 mm per parte in lunghezza

DIMENSIONI ED INGOMBRI (mm)



A	500
B	246
C	230
D	140
E	190
F	54
Ø G	17
N°	4
H	116
I	134
L	210
M	180
N	225



MECHANICAL AND ELECTRICAL DATA

50 Hz					60 Hz				
Weight adj.*	Static moment	Centrifugal force	Theoric bearing life	Working moment	Weight adj.*	Static moment	Centrifugal force	Theoric bearing life	Working moment
%	Kgmm	Kg	Hour	Kgcm	%	Kgmm	Kg	Hour	Kgcm
100	714.46	1797	22230	142.89	100	484.82	1756	20009	96.96
90	643.01	1617	31584	128.60	90	436.34	1580	28428	87.27
80	571.57	1438	46772	114.31	80	387.86	1405	42097	77.57
70	500.12	1258	72994	100.02	70	339.37	1229	65699	67.87
60	428.68	1078	>100000	85.74	60	290.89	1054	>100000	58.18
50	357.23	898	>100000	71.45	50	242.41	878	>100000	48.48
40	285.78	719	>100000	57.16	40	193.93	702	>100000	38.79
30	214.34	539	>100000	42.87	30	145.45	527	>100000	29.09
20	142.89	359	>100000	28.58	20	96.96	351	>100000	19.39
10	71.45	180	>100000	14.29	10	48.48	176	>100000	9.70

*= adjustable weights from 0 to 100 % with stepless regulation

*= adjustable weights from 0 to 100 % with stepless regulation

Supply voltage	Frequency	RPM	PD ²	Starting time	Slip	Max power	Rated current	IS/IR	St./Rated cur	Efficiency
Volt	Hz	-	Kgm ²	sec	%	Watt	Amp	-	-	-
600	50	1500	0.3478	1.69	7	1100	1.27	4.29	2.19	75%
346	50	1500	0.3478	1.69	7	1100	2.20	4.29	2.19	75%
460	60	1800	0.2236	1.23	5	1200	1.90	4.89	2.49	77%
230	60	1800	0.2236	1.23	5	1200	3.80	4.89	2.49	77%

1 Kg = 9.8066 1 N = 0.10192 Kg / 1 Kg = 2.2046 Lbs 1 Lbs = 0.4535 Kg / 1 Lbs = 4.4498 N = 0.2247 Lbs / 1 m = 3.2808 ft 1 ft = 0.3048 / 1 mm = 0.0394 in 1 in = 25.4 mm / 1 Kw = 1.341 hp

Weight (Kg): 58.5 (50 Hz) - 54.5 (60 Hz)

Continuous operations - Ambient temperature: -20 / +40 °C - Tropicalized winding - Mechanical protection IP66-7 sec. IEC
Type of bearing: NJ2308E.C4 (special execution)

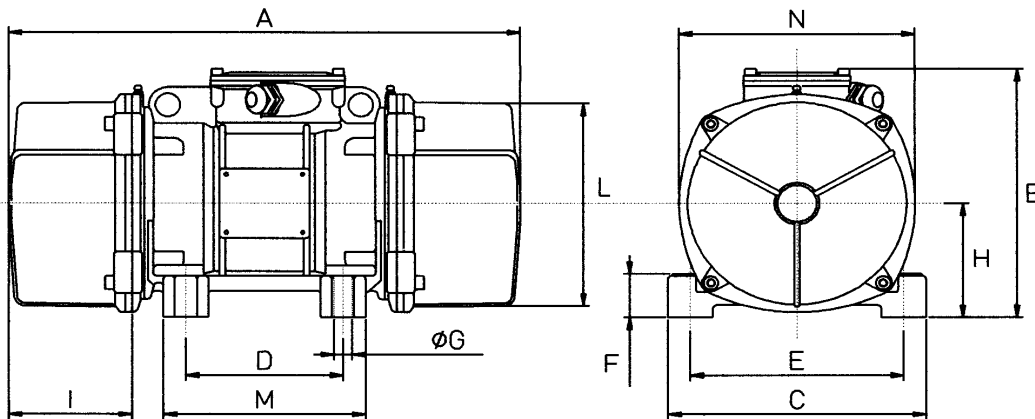
Lubricated with grease type KLÜBER STABURAGS NBU 8 EP – Grease top-up amount 16 gr for bearing every 1000 hours of operation

Fixing bolts n° 4 bolts M16 - 5/8" res. 8.8 – Tightening torque (Kgm - ft/lb): 19 - 137

Diameter of the power supply cable (mm): 10 ÷ 14 – Cable grip type: M25

Free space for maintenance: 134 mm each side in length

OVERALL DIMENSIONS (mm)



A	500
B	246
C	230
D	140
E	190
F	54
Ø G	17
N°	4
H	116
I	134
L	210
M	180
N	225