

Datasheet for Geared Motors



34.067

Type designation: Z39-LE80ZMQ4P

Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project
Remarks		

Motor data

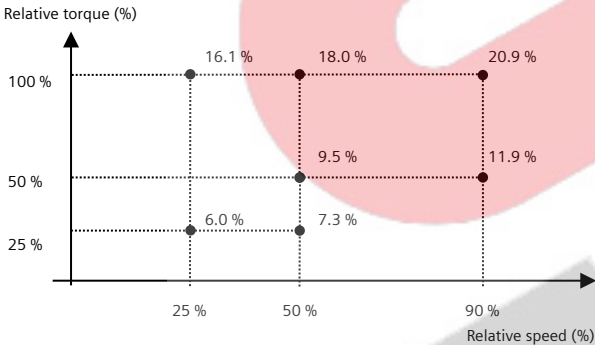
U	D/Y	f _N	P _N	P _N	I _N	n _N	T _N	IE-CL	Operating mode	n ₂	T ₂	f _B	η [%]			cos φ	I _A /I _N	T _A /T _N	T _K /T _N	T _H /T _N
[V]		[Hz]	[kW]	[hp]	[A]	[rpm]	[Nm]			[rpm]	[Nm]		4/4	3/4	2/4					
230	YY	60	0.75	1.01	3.20	1,760	4.07	IE3	CONT.	70.91	101.0	1.98	85.5	84.5	79.3	0.71	8.30	3.10	4.70	3.40
460	Y	60	0.75	1.01	1.59	1,760	4.07	IE3	CONT.	70.91	101.0	1.98	85.5	84.5	79.3	0.71	8.30	3.10	4.70	3.40

Motor type	1LE motor with Premium Efficiency LE80ZMQ4P
Number of poles	4-pole
Degree of protection	(K01) IP55
Thermal class	155 (F)
Moment of inertia J _{mot}	0.00290 kgm ²

Terminal box position	(M55) 1A
Electrical connection at terminal box	Cable gland metric
Ventilation	Standard fan

Energy efficiency

Relative power losses according to IEC 60034-30-1 (IE)



Geared motor

Type designation	Z39-LE80ZMQ4P
Gearbox	Helical gearbox Z39
Mounting type gearbox	Foot-mounted design
Output shaft	V1" x 1.97" (Solid shaft with feather key)
Mounting position	(D01) M1
Transmission ratio	24.82 (273 / 11)
Nominal torque	200 Nm
Gear oil	(K06) Mineral oil CLP VG220
Oil charge	0.3 l
Specifications	CE; UKCA; (N38) cURus
Environment temperature	-15 ... +40 °C
Weight with oil (without oil)	16.4 kg (16.1 kg)
Housing material first gearbox	Aluminum

Gearbox options

Output shaft bearing	Standard bearing
Output shaft sealing	Standard sealing
Gearbox breather	Pressure breather valve
Oil level control	Oil level screw
Oil drain	Oil drain plug

Motor options

Motor protection	Without
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U = Voltage
D / Y = Circuit
f = Frequency
P_N = Rated motor power



I_N = Rated current
n_N = Rated motor speed
T_N = Rated motor torque
IE-CL = Efficiency class

Legend

n₂ = Geared motor output speed
T₂ = Geared motor output torque
f_B = Service factor
η = Efficiency
) On request

cos φ = Power factor
I_A/I_N = Relative starting current
T_A/T_N = Relative starting torque
T_K/T_N = Relative breakdown torque
T_H/T_N = Relative average acceleration torque

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General options

Surface treatments	Unpainted
Coating	(L00) Unpainted
Packing	Standard packing

Further information

General product information	INNOMOTICS SG
Configurator	2KJ3....
<u>Operating instructions</u>	
Gearbox	BA 2030
Motor	BA 2330
Catalog	D 50.1 Geared motors

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