



DRIVES FOR LIFT APPLICATION

PM Motors and Inverter Drives

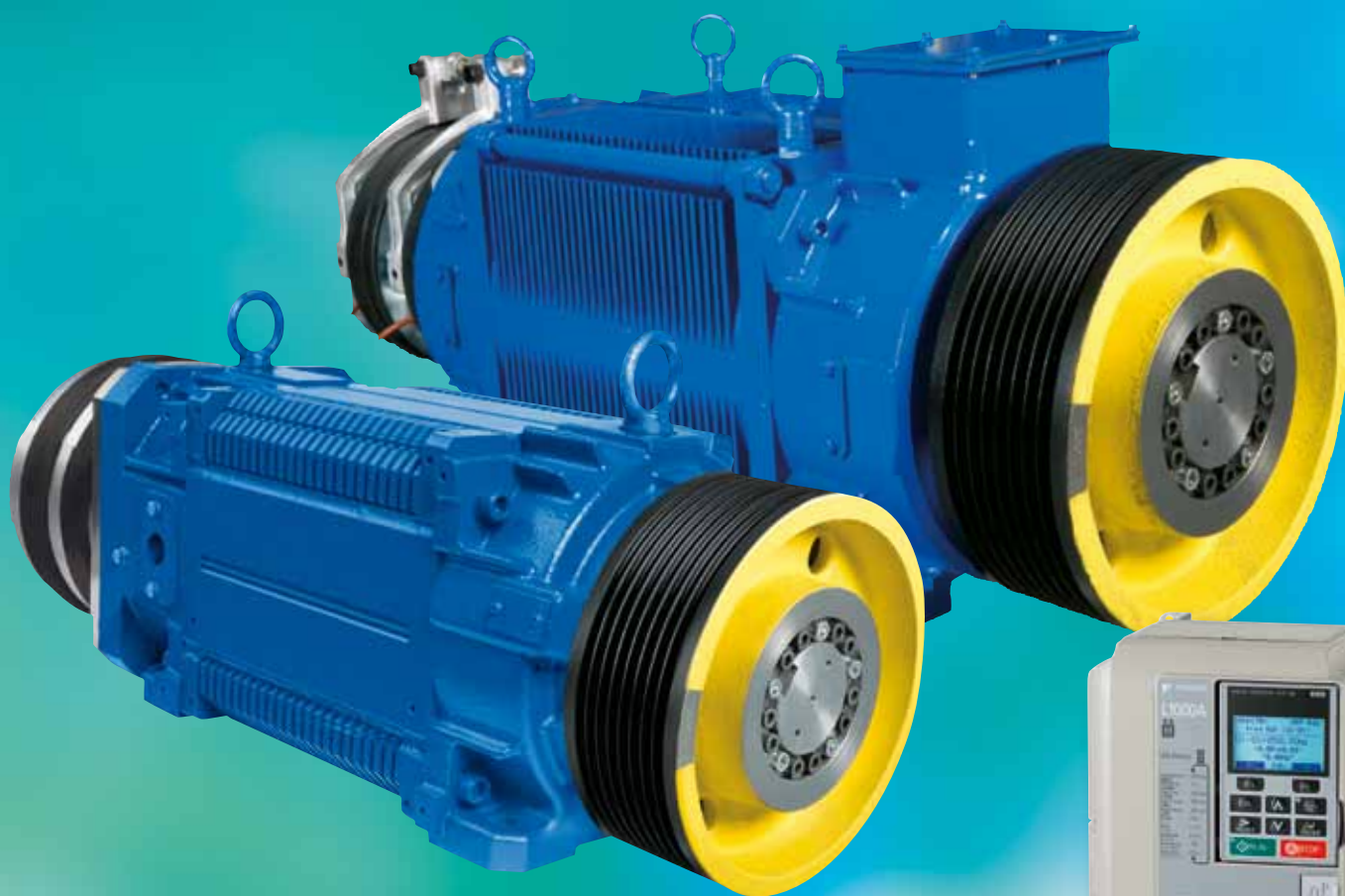
EN

DE

ES

FR

IT



PM125/PM160
PM125/PM160
PM125/PM160



Content

YASKAWA Europe GmbH

For more than 90 years, YASKAWA has been manufacturing and supplying mechatronic products for mechanical engineering applications and industrial automation. Due to their exceptional quality and reliability, YASKAWA standard products and customized solutions enjoy an excellent reputation worldwide.

Three key factors determine the quality of a lift motor: safety, efficiency, and eco-friendliness. YASKAWA stands for these values and lives them sustainably. Globally, about 150,000 lifts are driven by YASKAWA synchronous motors today.

The YASKAWA PM125 and PM 160 were designed for the requirements of lift applications. Together, they service a load range of up to 1000 kg. Design, configuration and equipment of both drives allow their use in installations without separate machine-rooms. YASKAWA lift motors meet the requirements of all relevant European safety regulations.

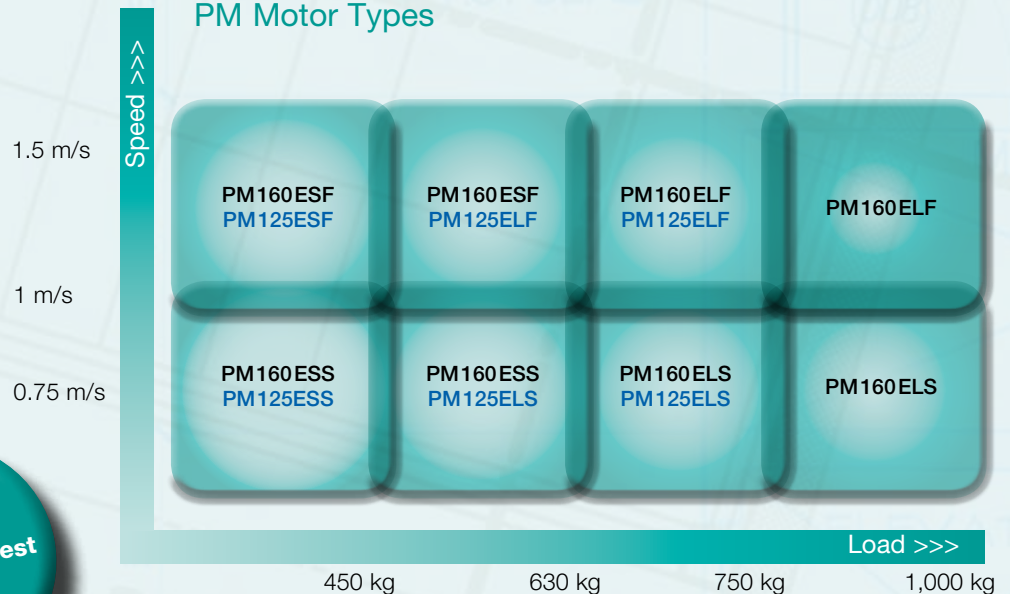
The standard versions of the YASKAWA PM125 and PM160 lift motors are available with traction sheave diameters of 240 mm or 320 mm. They are designed for elevator ropes of 6 mm and 8 mm. If required, YASKAWA will also supply a range of customized solutions.

YASKAWA PM gearless motors

- ✓ Silently operating
- ✓ Provide smooth ride
- ✓ Competitive time ratings
- ✓ Reliable and efficient
- ✓ Available in a package solution with YASKAWA L1000A inverter

The choice
to make the best
out of it.

PM Motor Types





Complete Lift Solutions by YASKAWA

The launch of the new PM125 motor series coincides with the introduction of the new YASKAWA L1000A inverter drive generation for lift applications. YASKAWA has a remarkable track record in the business, supplying the lift industry with more than 60.000 inverter drives every year.

YASKAWA will be happy to provide customized drive packages comprising motors, inverters with option cards, EMV filters, and braking resistors. Interacting with each other, these core components from one single source will provide an enhanced solution that offers more than the sum of its parts.

A reliable partner for complete lift solutions, YASKAWA offers many years of experience in lift drive and control technology.

- High-quality products
- Systems expertise and responsibility
- Fast and competent support

YASKAWA speaks Lift

Liftmotors

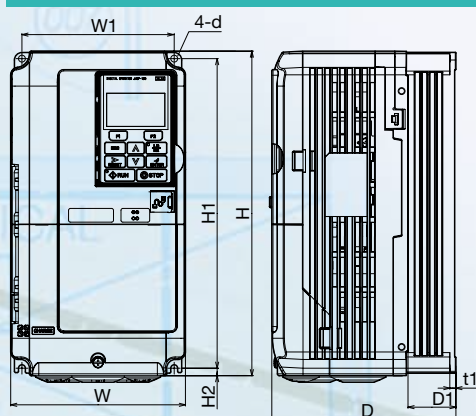


Produced by YASKAWA



Inverter

Inverter Drive L1000A



Voltage class		Three-phase 400 V				
		CIMR-LC4A				
Inverter model		0009	0015	0018	0024	0031
Inverter Output	Motor output [kW]	4.0	5.5	7.5	11.0	15.0
	Rated output current [A]	9.2	14.8	18.0	24	31
	Rated output power [kVA]	7.0	11.3	13.7	18.3	23.6
	Max. output voltage	Three-phase 380 – 480 V (proportional to input voltage)				
	Max. output frequency	100 Hz				
Inverter Input	Rated input voltage	Three-phase 380 – 480 V, -15% to +15%				
	Rated input frequency	50/60 Hz, ± 5%				

For further information please refer to our brochure YEG_INV_L1000A_EN_v1_0909

Model CIMR-LC4A □□□□	Max. applicable motor capacity [kW]	Dimensions in mm												Weight (kg)
		W	H	D	W1	H0	H1	H2	H3	D1	t1	t2	d	
0009	4.0	140	260	164	122	-	248	6	-	55	5	-	M5	3.5
0015	5.5			167										3.9
0018	7.5			167										3.9
0031	15	180	300	187	160	-	284	8	-	75	-	-	-	5.7



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