



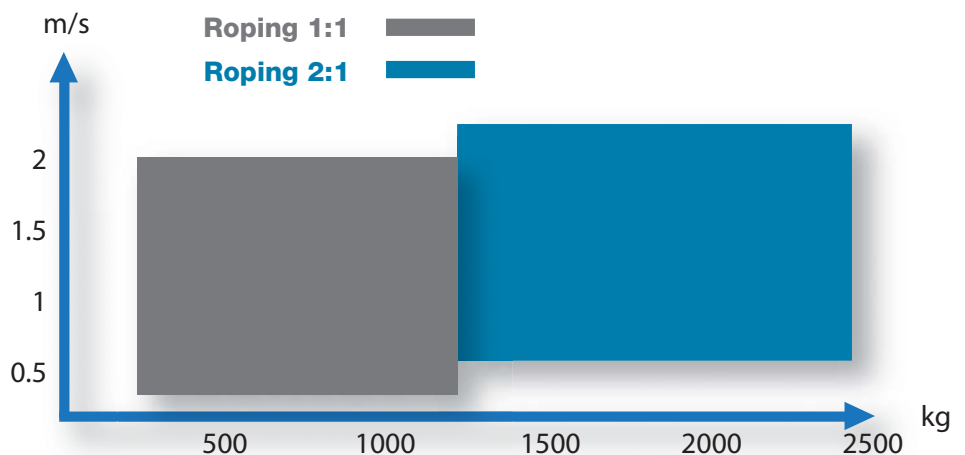
Lift motor
MSYP-225

Maximum load
2500 kg

Lift Motor MSYP-225 for Gearless Elevators

This gearless, synchronous motor is manufactured in Europe. It can be used in a diverse range of traction elevators designs. With its high load capacity of up to 2500 kg and its speed of 2 m/s it is ideally suited for passenger elevators with spacious cars and for transport elevators in hospitals and nursing facilities.

- ▶ Low noise operation
- ▶ Smooth ride characteristics
- ▶ Reliable and efficient
- ▶ Perfect for passenger elevators with spacious cars
- ▶ Manual brake release optional
- ▶ In package solution with YASKAWA inverter drive L1000A: For smooth rides, precise positioning and a quick and easy setup



Traction
elevator



Passenger and
freight transport



Maximum
load

Standard Specifications and Dimensions

Roping 1:1

Position	Load Q (kg)	Motor Type	∅ Traction Sheave / Rope (mm)	Par Max (Nm)	R/min (m/s)	Rated Output (kW)	Rated Current (A)
1:1 - 1	630	MSYP225.28-20	320/8	1065	60 (1 m/s)	4,4	16
1:1 - 2	800	MSYP225.44-20		1350		5,6	15,75
1:1 - 3	1000	MSYP225.52-20		1695		7	21
1:1 - 4	1250	MSYP225.60-20		2115		9	26,5
1:1 - 5	800	MSYP225.52-20	400/10	1680	48 (1 m/s)	5,6	16,8
1:1 - 6	1000	MSYP225.60-20		2085		7	22
1:1 - 7	630	MSYP225.44-20	320/8	1065	95 (1.6 m/s)	3,2	16,5
1:1 - 8	800	MSYP225.44-20		1350		9	23,5
1:1 - 9	1000	MSYP225.60-20		1680		11,3	27
1:1 - 10	1250	MSYP225.72-20		2100		14,1	34
1:1 - 11	800	MSYP225.60-20	400/10	1680	76 (1.6 m/s)	9	22
1:1 - 12	1000	MSYP225.68-20		2115		11,3	28

Roping 2:1

Position	Load Q (kg)	Motor Type	∅ Traction Sheave / Rope (mm)	Par Max (Nm)	R/min (m/s)	Rated Output (kW)	Rated Current (A)
2:1 - 1	1250	MSYP225.44-20	320/8	1050	120 (1 m/s)	8,8	19
2:1 - 2	1600	MSYP225.44-20		1350		11,2	28
2:1 - 3	2000	MSYP225.52-20		1680		14	35
2:1 - 4	2500	MSYP225.64-20		2100		17,5	44
2:1 - 5	1600	MSYP225.52-20	400/10	1680	96 (1 m/s)	11,2	20,5
2:1 - 6	2000	MSYP225.64-20		2100		14	35,5
2:1 - 7	1250	MSYP225.44-20	320/8	1050	191 (1.6 m/s)	14	30,5
2:1 - 8	1600	MSYP225.52-20		1350		18	38
2:1 - 9	2000	MSYP225.60-20		1680		22,4	49
2:1 - 10	2500	MSYP225.72-20		2100		28	63
2:1 - 11	1600	MSYP225.60-20	400/10	1680	153 (1.6 m/s)	17,9	41,5
2:1 - 12	2000	MSYP225.72-20		2100		22,4	51

Additional versions upon request

Maximum shaft load is 10,050 kg, Standard sheave has 10 grooves

Rope weight compensation at travel heights > 40

Motor Type	Dimensions (mm)				
	L	A	B	C	Dp
MSYP-225.28-20	251.5	235	177	663.5	324
		244		673.0	404
MSYP-225.44-20	331.5	235	177	743.5	324
		244			404
MSYP-225.52-20	371.5	235	177	783.5	324
		244			404
MSYP-225.60-20	411.5	235	177	823.5	324
		244			404
MSYP-225.72-20	471.5	235	184	890.5	324
		244			404

