

Gearless lift motor of the series SVM 170

BASIC DESCRIPTION

Compact drive with built-in brake and speed sensor
Intended above all for the lifts without motor room
Total width only 275 mm
Easy way of changing the pulley without necessity of pre-heating
Load on the free shaft end up to 25 kN

MOTOR

Synchronous motor with inner rotor excited by permanent magnets
Various rated speed values are given by variety of motor windings
Speed of move and diameter of the pulley according to the customer's request at the same dimensions of the motor
Standard cable length 5 m
Monitoring of the motor temperature by means of temperature sensors



SAFETY BRAKE

Two-circuit brake according to the standard EN 81
Quiet and maintenance-free
Microswitch for monitoring of brake condition

PULLEY

Replaceable pulley made from grey cast iron
Diameter 240 mm resp. 320 mm
Guiding grooves according to customer's needs
Surface hardness up to 50 HRC

TECHNICAL PARAMETERS

Motor type	SVM170-06	SVM170-12
Rated torque for duty S3-40%	220 Nm	420 Nm
Peak torque	480 Nm	960 Nm
Rated speed	up to 300 rpm	
Type of construction	IM B3	
Degree of protection	IP 43	
Cooling	IC 410	
Insulation class	H	
Brake	Mayr RSR 400	
For rated load	up to 630 kg	up to 1000 kg

DIMENSIONS

SVM170-06/12

