



Figure similar

MLFB-Ordering data

1PH1131-1HF10-2GA0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Engineering data	Mechanical data
<div><div>Rated power</div><div>11.0 kW</div></div> <div><div>Rated speed</div><div>1500 rpm</div></div> <div><div>Rated torque</div><div>70.0 Nm</div></div> <div><div>Rated current</div><div>28.8 A</div></div> <div><div>Rated voltage</div><div>295 V</div></div> <div><div>Maximum speed</div><div>8000 rpm</div></div> <div><div>Maximum current</div><div>57.5 A</div></div> <div><div>Power for duty type S6-25%, maximum</div><div>16.50 kW</div></div> <div><div>Standstill torque for duty type S6-25%, maximum</div><div>105.0 Nm</div></div> <div><div>Standstill current for duty type S6-25%, maximum</div><div>41.0 A</div></div> <div><div>Field weakening speed, max.</div><div>5000 rpm</div></div> <div><div>Supply voltage, max.</div><div>355 V</div></div> <div><div>Line frequency</div><div>51.5 Hz</div></div>	<div><div>Motor type</div><div>Squirrel cage asynchronous motor</div></div> <div><div>Shaft height</div><div>132</div></div> <div><div>Cooling</div><div>Forced-air cooling via fan</div></div> <div><div>Vibration severity grade</div><div>Grade B</div></div> <div><div>Degree of protection</div><div>IP54</div></div> <div><div>Design acc. to Code I</div><div>IM B3 / IM V5</div></div> <div><div>Color</div><div>Anthracite 614 / ~ RAL7016</div></div> <div><div>Shaft end</div><div>Feather key with half key balancing</div></div> <div><div>Sound pressure level (1m)</div><div>72 dB</div></div> <div><div>Thermal class</div><div>F</div></div> <div><div>Mounting type</div><div>Foot-mounted</div></div> <div><div>Encoder system</div><div>Absolute encoder single-turn (20 bit)</div></div>

Ambient conditions
<div><div>Ambient temperature</div><div><div>Operation</div><div>-15 ... 40 °C</div></div><div><div>Storage</div><div>-20 ... 65 °C</div></div></div> <div><div>Relative humidity</div><div><div>Max. operation</div><div>90 %</div></div><div><div>Bearing, max.</div><div>95 %</div></div></div>