

PID-180M-2	PER-IND Cast-Iron Motors		
DETAIL DISPLAY			
Frame	180		
Poles	2		
kW	22		
Voltage (V)	415		
Frequency (Hz)	50		
Rated Speed (rpm)	2970		
Full Load Current,I _R (A)	37.1		
Locked Rotor Current (I _L /I _R)	8.5		
Full Load Torque,T _R (N.m)	70.7		
Locked Rotor Torque (T _L /T _R)	2.0		
Breakdown Torque (T _B /T _R)	2.3		
Efficiency Class (Full Load)	IE3		
% Of Full Load	50	75	100
Efficiency (%)	91.6	92.4	92.7
Power Factor (cosφ)	0.82	0.88	0.89
Sound Power level of No Load (dB(A))	83		
Motor Weight (kg)	174		
Rotor Inertia (kg.m ²)	0.0919		
Temp. Rise (K)	55		
Drive End Bearing	6311		
Non Drive End Bearing	6311		
Thermistor PTC 150	1 PTC,Its terminals are inside the terminal box		
Painting	RAL 5005,Matte		
Enclosure	IP 56		
Ins. Class	F		
Service Duty	S1		
Ambient	-15 to 40 °C		
Altitude	Up to 1000 m		
VSD Compatibility	Suitable		
Compliance	IEC 60034, AS/NZS 1359		
Warranty	36 Months		