



TOREX®



WAMGROUP

Electric motors

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DATASHEET

IEC 90 0.75kW 6P IE3

General Information		Electromechanical features (400 V – 50 Hz)	
Size	90 IEC	Power	0.75 kW
Material	Aluminium	Speed	900 rpm
Weight	14 kg	Nom.Torque (Tn)	7.5 Nm
Protection	IP55	Nom.Current (In)	2 A
Efficiency class	IE3	Is/In	4.7
Poles	6	Ts / Tn	2.3
Ins.Class	F	Tmax / Tn	2.8
Power supply	220-240(Δ) / 380-420V (Y) at 50 Hz 250-280 (Δ) / 440-480V (Y) at 60 Hz	η (100% load)	78.9%
Cooling	External fan	Cosphi	0.67
Bearings	6205-2Z		
PTC	Triple PTC DIN 44081 Reaction Temp.140°C		
Ambient conditions	-10°C +40°C 1000m a.s.l. (a)		

PTC Information	
Max.working voltage	30 V
Normal using voltage	≤2.5 V
Rated action temperature	140°C
Tk tolerance	±5K
Tk repeatability	±0.5K
PTC Resistance - 20°C..Tk-20°C	≤750 Ω
PTC Resistance at 25°C V≤2.5	≤300 Ω
PTC resistance at Tk-5K	≤1650 Ω
PTC resistance at Tk+5K	≥3990 Ω
PTC resistance at Tk+15K	≥12 kΩ
Tk reaction time	<5 s
Ins.strenght	2.5 kV
Storage temp.	-25°C...+125°C