

Data Sheet

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	Efficiencies	IEC60034-30		IE3 (Premium Efficiency)			
	Insulation class	F / B					
	Temperatures	-20°C / +40°C					
	Connection - Phases	Δ	Y	Δ	Δ	Δ	
	Tension	V	400	690	440	460	480
	Frequency	Hz	50	50	60	60	60
	Output	kW	18,50	18,50	22,20	22,20	22,20
	Speed	min⁻¹	2.940	2940	3528	3528	3528
	Current	A	32,47	18,82	35,42	33,88	32,47
	Efficiency	%	100%	75%	50%		
			92,40	92,30	90,40		
	Cos ϕ		100%	75%	50%		
			0,89	0,87	0,82		
	Starting Current	A	8,20	Ia/In			
	No Load Current	A	8,64	400V 50Hz			
	Nominal Torque	Nm	60,09	Nm			
	Starting Torque	Nm	2,00	Ms/Mn			
	Maximum torque	Nm	2,30	Mmax/Mn			
	Construction		Cast Iron				
	Mounting position		B3 - IM1001 - feet - horizontal				
	Protection		IP 55				
	Cooling method		IC 411				
Duty type		S1					
Tropical treatment		95%					
Max. altitude A.S.L.		1000 m					
Paint (body / fan cover)		RAL 7030					
Terminal Box Position		Top - A1					
Cable entries		2 x M40x1,5 + 1 x M16x1,5					
Direction of rotation		← / →					
Drain hole(s)		Lowest point - with plug					
Bearing DE		6309 ZZ C3					
Bearing NDE		6309 ZZ C3					
Shaft dimensions	mm	42 x 110					
Oilseals DE / NDE	mm	45 x 62 x 4,5		45 x 62 x 4,5			
Balancing (Class)		Half Key		A (IEC 60034-14)			
Sound level - L(p)A	dB(A)	73,0	50Hz - at 1m - no load				
Weight	Kg	182,5					
Options & Extras		PTC					

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