

C. Motors



Data sheet

N° :

Date : 6 sept. 2018

Induction motor with options
4P LSES 90LU 1,5kW IFT/IE3 B5 230D/380Y/400Y/415Y-440Y/460Y 50-60Hz -
IP65 ; Motor with Stainless steel nameplate ; Motor with Stainless steel screw ; Paint system IIIa ; Connection network material Aluminium alloy ; Drip cover ; 1xPTC (winding) ; With Space heater 25W 200/240V - 50/60Hz ;

Utilisation : Environment Current ; Ambiance Non corrosive ; Finition - ; Zone Non specific ; General applications ; Ambient temperature -20 +60 °C ; Maximum altitude 1000 m.

Motor characteristics : Aluminium alloy housing ; Cast iron DE endshield ; Cast iron NDE endshield.



Motor definition		
Protection type	-	Application
Generation code	IFT	Main voltage (V)
Efficiency class	IE3	Connection
Number of network phases	3	Motor winding (V)
Number of speed		Rated Frequency (Hz)
Polarity	4P	Operation position
Motor serie	LSES	Index of protection
Frame size (mm)	90	Index of cooling
Length code	LU	Insulation class
HS rated power (kW)	1.500	Finish
LS rated power (kW)	-	Moment of inertia J (kg.m2)
Rated speed (min-1)	1452	Motor weight (kg)
Maximum mechanical speed (min-1)	11700	EnvirCourant
		General applications
		400
		DY
		230D/380Y/400Y/415Y-440Y/460Y
		50-60
		IM3001(IMB5)
		IP65
		IC411
		F
		-
		0.0052400
		20.4

Common definitions	
Paint shade	RAL6000
Paint system	IIIa (1 epoxy base coat 30/40 microns + 1 epoxy intermediate coat 30/40 microns + 1 polyurethane finish 20/30 microns)

Motor mechanical interface		
Mounting flange	FF165	Shaft material type
Drive end shaft type	IEC STANDARD shaft end	Nuance of shaft material
Diameter DE shaft (mm)	24j6	Second shaft extension
Length DE shaft (mm)	50	Diameter NDE shaft (mm)
DE bearing mounting	Locked	Second shaft end length (mm)
DE bearing type	DE ball bearing	NDE bearing type
DE bearing	6205	NDE bearing
Code Type de graissage	Vie	
		Steel shaft
		-
		-
		-
		-
		NDE ball bearing
		6205

Motor electrical interface		
Connection network type	Terminal box	Cable type
Connection network material	Aluminium alloy	Cable gland material
		Cable gland not supplied, holes tapped with polyamide plugs
Connection network position	A	Main cable gland type
Connection network orientation	up	Principal cable gland position
Connection network relative position	0	Right (1)