



MLFB-Ordering data: **1LE1603-3AB53-4AH4-Z**
B02+F76+H22+N31+Q02+S04

Motor type: **1CV3315B**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ/Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N I/I _N	M _A /M _N T _r /T _N	M _k /M _N T _B /T _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	200.00	- / -	340.00	1488	1284.0	96.0	96.3	96.1	0.88	0.86	0.79	7.4	3.2	3.0	IE3
690	Y	50	200.00	- / -	198.00	1488	1284.0	96.0	96.3	96.1	0.88	0.86	0.79	7.4	3.2	3.0	IE3
460	Δ	60	230.00	- / -	345.00	1788	1228.0	95.4	95.6	95.3	0.88	0.86	0.80	7.5	3.1	2.8	IE2
460	Δ	60	200.00	- / -	300.00	1791	1066.0	96.2	96.2	95.5	0.87	0.84	0.75	8.7	3.5	3.2	IE3
IM B3 / IM 1001		FS 315 L		1190 kg		IP56		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data			Terminal box															
Sound pressure level 50Hz/60Hz (load)	73 dB(A) ¹⁾	78 dB(A) ¹⁾	Terminal box position	top														
Moment of inertia	3.70 kg m ²		Material of terminal box	cast iron														
Bearing DE NDE	6319 C3	6319 C3	Type of terminal box	TB1 Q01														
Relubrication interval/quantity	40 g 40 g 6000 h		Contact screw thread	M12														
Lubricants	Unirex N3		Max. cross-sectional area	240.0 mm ²														
Regreasing device	Yes (standard)		Cable diameter from ... to ...	38.0 mm - 45.0 mm														
Grease nipple	M10x1 DIN 3404 A		Cable entry	2xM63x1,5-2xM20x1,5														
Type of bearing	Locating bearing NDE		Cable gland	4 plugs														
Condensate drainage holes	Yes (standard)		<table border="1"> <thead> <tr> <th colspan="2">Special design (6)</th> </tr> </thead> <tbody> <tr> <td>B02</td> <td>Acceptance test certificate 3.1 acc. to EN 10204</td> </tr> <tr> <td>F76</td> <td>Metal external fan</td> </tr> <tr> <td>H22</td> <td>IP 56 degree of protection</td> </tr> <tr> <td>N31</td> <td>Increased air humidity/temperature with 60 to 100 g water per m3 air</td> </tr> <tr> <td>Q02</td> <td>Anti-condensation heating for 230 V (2 terminals)</td> </tr> <tr> <td>S04</td> <td>Special paint finish for offshore applications C5</td> </tr> </tbody> </table>		Special design (6)		B02	Acceptance test certificate 3.1 acc. to EN 10204	F76	Metal external fan	H22	IP 56 degree of protection	N31	Increased air humidity/temperature with 60 to 100 g water per m3 air	Q02	Anti-condensation heating for 230 V (2 terminals)	S04	Special paint finish for offshore applications C5
Special design (6)																		
B02	Acceptance test certificate 3.1 acc. to EN 10204																	
F76	Metal external fan																	
H22	IP 56 degree of protection																	
N31	Increased air humidity/temperature with 60 to 100 g water per m3 air																	
Q02	Anti-condensation heating for 230 V (2 terminals)																	
S04	Special paint finish for offshore applications C5																	
External earthing terminal	Yes (standard)																	
Vibration severity grade	A																	
Insulation	155(F) to 130(B)																	
Duty type	S1																	
Direction of rotation	bidirectional																	
Frame material	cast iron																	
Data of anti condensation heating	230 V, 109 W																	
Coating (paint finish)	Special paint finish for offshore applications C5																	
Color, paint shade	RAL7030																	
Motor protection	(H) 3 resistance thermometers PT100 (6 terminals)																	
Method of cooling	IC411 - self ventilated, surface cooled																	

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Notes	
I _A /I _N = locked rotor current / current nominal	M _k /M _N = break down torque / nominal torque
M _k /M _N = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411