



Specification	<b>IEC 60034-1</b>
Manufacturer	<b>DM Motors Denmark A/S</b>
Motor type	<b>DMA- 100LX4</b>
Rated power	<b>3,00</b> kW <b>S1</b> duty
Speed	<b>1704</b> r.p.m
Voltage	<b>440 / 760</b> V
Frequency	<b>60</b> Hz
Connection	<b>Δ / Y</b>
Amps full load	<b>5,87 / 3,40</b> A
Amps no-load(400V)	<b>4,19</b> A
Enclosure	<b>IP 55</b>
Insulation Class	<b>F (temp. rise B (80 K))</b>
Max. coolant temp.	<b>40°C</b>
Max. altitude	<b>1.000</b> mtr, above sea level
Comment	
Cable entries	<b>2 x M25*1,5</b>
Feature	<b>Aluminium motor</b>
Weight	<b>23,0</b> kg
Catalog no.	<b>18234300D</b>
Warranty	<b>12~18 months</b>

Efficiency class					
Load data	100%	75%	50%	25%	
Efficiency	<b>82,8</b>	<b>83,0</b>	<b>80,6</b>	<b>70,4</b>	%
Power factor	<b>0,81</b>	<b>0,73</b>	<b>0,58</b>	<b>0,36</b>	
Sound pressure level (1m)				<b>49,1</b>	dB(A)
Resistance R20 (open)				<b>5,11</b>	Ω
Resistance R20			<b>Δ</b>	<b>3,40</b>	Ω
Full load torque				<b>20,18</b>	Nm
DOL Starting torque vs FL torque				<b>3,02</b>	
DOL Pull up torque vs FL torque				<b>2,10</b>	
DOL Pull out torque vs FL torque				<b>3,74</b>	
Star-Delta Starting torque vs FL torque				<b>0,94</b>	
Star-Delta Pull up torque vs FL torque				<b>0,66</b>	
Star-Delta Pull out torque vs FL torque				<b>1,17</b>	
DOL Starting current vs FL current				<b>7,26</b>	
Star Delta Starting current vs FL current				<b>2,27</b>	
Rotor Inertia				<b>0,0064</b>	kgm <sup>2</sup>
Bearing DE				<b>6206 - ZZ C3</b>	
Bearing NDE				<b>6206 - ZZ C3</b>	


WI	Change	date	sign.
<b>DM Motors Denmark A/S</b>		Discription	date
Hopballevej 60		Drawing made by :	27-04-04
7100 Vejle			
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