



DESIGNED_BY HvD	CHECKED_BY	APPROVED_BY_DATE	FILENAME	DATE 18-11-02
DUTCHI MOTORS B.V.			DMA2-132S/M B3	EDITION 1/03
				SHEET

Specification	<b>IEC 60034-1</b>
Manufacturer	<b>DM Motors Denmark A/S</b>
Motor type	<b>DMA- 132 S4</b>
Rated power	<b>6,60</b> kW <b>S1</b> duty
Speed	<b>1734</b> r.p.m
Voltage	<b>480 / 830</b> V
Frequency	<b>60</b> Hz
Connection	<b>Δ / Y</b>
Amps full load	<b>10,80 / 6,21</b> A
Amps no-load(400V)	<b>4,11</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 M32x1,5</b>
Feature	<b>Aluminium motor</b>
Weight	<b>43,5</b> kg
Catalog no.	<b>18134550D</b>
Warranty	<b>12~18 months</b>

Efficiency class	
Load data	100% 75% 50% 25%
Efficiency	<b>85,9 87,4 87,2 81,8</b> %
Power factor	<b>0,86 0,82 0,73 0,52</b>
Sound pressure level (1m)	<b>57,3</b> dB(A)
Resistance R20 (open)	<b>2,874</b> Ω
Resistance R20	<b>Δ 1,916</b> Ω
Full load torque	<b>36,3</b> Nm
DOL Starting torque vs FL torque	<b>1,80</b>
DOL Pull up torque vs FL torque	<b>1,24</b>
DOL Pull out torque vs FL torque	<b>2,86</b>
Star-Delta Starting torque vs FL torque	<b>0,56</b>
Star-Delta Pull up torque vs FL torque	<b>0,39</b>
Star-Delta Pull out torque vs FL torque	<b>0,89</b>
DOL Starting current vs FL current	<b>6,38</b>
Star Delta Starting current vs FL current	<b>1,99</b>
Rotor Inertia	<b>0,0132</b> kgm <sup>2</sup>
Bearing DE	<b>6308 - ZZ C3</b>
Bearing NDE	<b>6308 - ZZ C3</b>


WI	Change	date	sign.
DM Motors Denmark A/S		Discription	date
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