



Specification **IEC 60034-1**  
 Manufacturer **DM Motors A/S**  
 Motor type **DMA- 90 S2**  
 Rated power **1,50** kW **S1** duty  
 Speed **2845** r.p.m  
 Voltage **230 / 400** V  
 Frequency **50** Hz  
 Connection **Δ / Y**  
 Amps full load **5,88 / 3,39** A  
 Amps no-load(400V) **1,87** A  
 Enclosure **IP 55**  
 Insulation Class **F (temp. rise B (80 K))**

Max. coolant temp. **40°C**  
 Max. altitude **1.000** mtr, above sea level  
 Comment  
 Cable entries **2 x M25x1,5 + 1 x M20x1,5 (ptc)**

Feature **Alumimium motor**  
 Weight **12,5** kg  
 Catalog no. **18122150D**  
 Warranty **12-18 months**

Efficiency class  
 Load data 100% 75% 50% 25%  
 Efficiency **78,6 79,9 78,2 68,6** %  
 Power factor **0,81 0,75 0,62 0,41**

Sound pressure level (1m) **59,5** dB(A)  
 Resistance R20 (open) **4,00** Ω  
 Resistance R20 **Y 7,99** Ω

Full load torque **5,04** Nm  
 DOL Starting torque vs FL torque **2,70**  
 DOL Pull up torque vs FL torque **1,75**  
 DOL Pull out torque vs FL torque **3,14**  
 Star-Delta Starting torque vs FL torque **Y - motor**  
 Star-Delta Pull up torque vs FL torque **Y - motor**  
 Star-Delta Pull out torque vs FL torque **Y - motor**  
 DOL Starting current vs FL current **5,88**  
 Star Delta Starting current vs FL current **Y - motor**  
 Rotor Inertia **0,0025** kgm2

Bearing DE **6205 - ZZ C3**  
 Bearing NDE **6205 - ZZ C3**

Extras / Options :

WI	Change	date	sign.
DM Motors A/S		Discription	date
Hopballevej 60		Drawing made by :	01-01-15
7100 Vejle			RD
Tel : +45 70 27 13 10		<a href="mailto:info@dmmotors.dk">info@dmmotors.dk</a>	
Fax : +45 70 27 13 19		<a href="http://www.dmmotors.dk">www.dmmotors.dk</a>	