

E 06

EC 6,7/3,6/28-04      EC 6,7/3,6/28-01  
 0 39 22 8040      0 39 22 8010

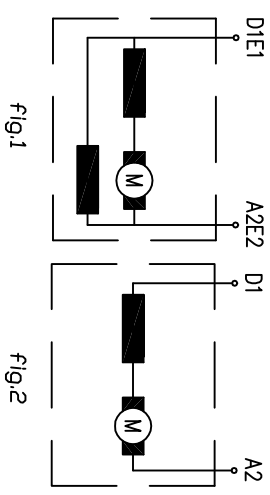
**INTERNAL INVOLUTE SPLINE DATA**

**CLASS 5 FLAT ROOT SIDE FIT ANSI B 92.1**

No of teeth	9
Pressure angle	30°
Pitch dia	16/32
Pitch dia	0,5625 REF
Base dia	0,4871 REF
Major dia	0,651
Form dia	0,629
Minor dia	0,509-0,514

rated power 6,7 kW  
 rated voltage 36 V  
 rated current 231 A  
 rated speed 2800 min<sup>-1</sup>  
 operation mode S1  
 excitation compound  
 protection IP 21  
 insulation class F  
 weight 35 kg  
 length L  
 char. curve C36E04  
 rotation C.W./D.E  
 conn. diag. fig.1

rated power 6,7 kW  
 rated voltage 36 V  
 rated current 230 A  
 rated speed 2800 min<sup>-1</sup>  
 operation mode S1  
 excitation series  
 protection IP 21  
 insulation class F  
 weight 33,15 kg  
 length L  
 char. curve S36E03  
 rotation C.W./D.E  
 conn. diag. fig.2



**Circ. space width**

MAX actual	0,1008
MIN effective	0,0982

The following information may be added as required!

MAX measurement between pins	0,3972 REF
Pin dia	0,1080

DC motor EC 6,7/3,6/28-04  
 IP 21 excitation CDP  
 insulation class F min<sup>-1</sup> 2800  
 kW 6,7 V 36 A 231  
 kg 35 daVt  
 duty cycle S1  
 www.abidm-ems.com

DC motor EC 6,7/3,6/28-01  
 IP 21 excitation SFR  
 insulation class F min<sup>-1</sup> 2800  
 kW 6,7 V 36 A 230  
 kg 33,15 daVt  
 duty cycle S1  
 www.abidm-ems.com

16.11.2006  
 10.03.1997  
 10.06.1994  
 18.02.1994  
 Rev.

**Eiprom-EMS**