

Data sheet -----

Motors according to CEI and IEC standards – permanent magnets/2 poles – skew slots rotor

Max. start current 150% of nominal value for 60 sec. – N class dynamic balancing

Aluminium alloy front and back shields with steel bush for ball-bearings

Top side terminal box from drive-end view with heart terminal inside

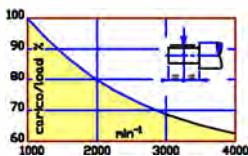


COOLING FORM	PROTECTION	INSULATION	AMB. TEMP.
Closed self-ventilated <b>IC411</b> 	<b>IP 54</b>	F/H Class $\Delta$ 110°C	Max. +40°C

FORM FACTOR 1.4 / SCR (thyristors)					RATED VOLTAGE 170V				DUTY S1			
TYPE	1500 min <sup>-1</sup>				2000 min <sup>-1</sup>				3000 min <sup>-1</sup>			
<b>DS66.38</b>	0.9Kw	6.2A	5.7Nm	17mH	1.2Kw	8.3A	5.7Nm	11mH	1.8Kw	12.4A	5.7Nm	4.8mH
<b>DS66.57</b>	1.3Kw	9A	8.3Nm	8.8mH	1.73Kw	12A	8.3Nm	5.2mH	2.6Kw	18A	8.3Nm	2.2mH
<b>DS66.81</b>	1.65Kw	11.4A	10.5Nm	6.9mH	2.2Kw	15.2A	10.5Nm	4.3mH	3.3Kw	22.8A	10.5Nm	1.9mH

FORM FACTOR 1.05 / SCR with inductance or BATTERY					RATED VOLTAGE 170V				DUTY S1			
TYPE	1500 min <sup>-1</sup>				2000 min <sup>-1</sup>				3000 min <sup>-1</sup>			
<b>DS66.38</b>	1.15Kw	8A	7.3Nm	17mH	1.53Kw	10.6A	7.3Nm	11mH	2.3Kw	15.9A	7.3Nm	4.8mH
<b>DS66.57</b>	1.7Kw	11.7A	10.8Nm	8.8mH	2.26Kw	15.6A	10.8Nm	5.2mH	3.4Kw	23.5A	10.8Nm	2.2mH
<b>DS66.81</b>	2.25Kw	15.6A	14.3Nm	6.9mH	3Kw	20.7A	14.3Nm	4.3mH	4.5Kw	31.1A	14.3Nm	1.9mH

Tolerance ±10%



type	DS66
Radial load at 1000min <sup>-1</sup> :	880N
Axial load:	1/10 Radial load

Type	L	Weight
DS66.38	354	23Kg
DS66.57	409	29Kg
DS66.81	464	36Kg

Type	H	C	B	A	D
B3H90	90	56	125	140	9
B3H100	100	63	140	160	11

