

Magnetic criteria of 8/6 pole SR-motors with identical rotorØ

Prior art

PLUSmotor

170mm	Length of the magnetic circuit:	88mm
0,15	Coil length/iron length ratio:	0,35
20°	Angular pole pitch:	30°
160°	Stator air gap iron extent:	240°
120°	Rotor air gap iron extent:	180°
no	Air gap enlargement?	yes (skew cut)
10,8	Iron cross section (Q)	13,5
2	Nr.of engaged poles/coils:	4
4	Phases (MOSFET-transistors):	2

