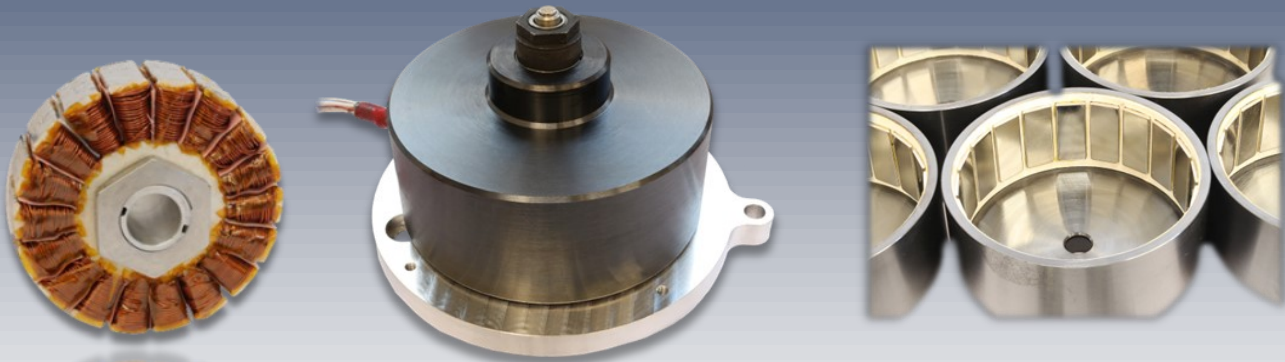


BLDC – External Rotor Motors



Property:

- High efficiency and power density possible
- Low cogging torque
- High torque
- Long lifetime

Example Applications:

- Wheel Hub Motors
- Servomotors
- Machine tools
- Special applications

Technical Data

Parameter		BLDC 6520	BLDC 8020	BLDC 8520	BLDC 9020
Outer Diameter	[mm]	65	80	85	90
Overall Length	[mm]	50	50	50	50
Torque Constant	[Nm/A]	0,39	0,67	0,91	0,95
Rated Current	[A _{eff}]	3,0	3,0	3,0	3,0
Peak Current	[A _{eff}]	5,0	5,0	5,0	5,0
Rated Torque	[Nm]	1,2	2,0	2,7	2,9
Peak Torque	[Nm]	2,0	3,3	4,5	4,8
Voltage Constant	[V _{eff} /krpm]	25	43	51	58
Power bei Rated Torque and 3000 rpm	[W]	368	631	857	900

