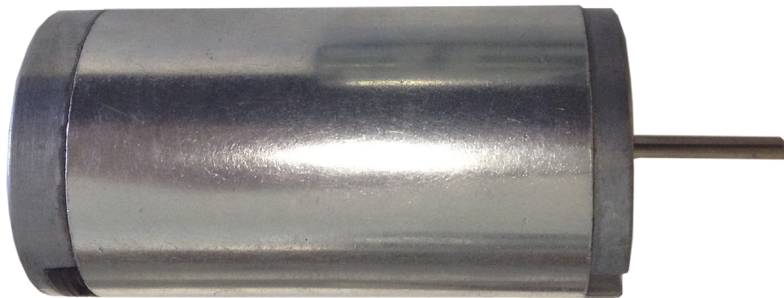


PMDC Brushed Motors

10-120W

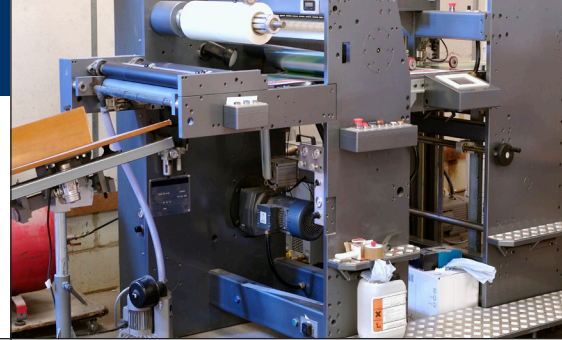
Merkle-Korff offers a full range of reliable, long-life PMDC motors at an exceptional value. Merkle-Korff is able to offer these motors — with performance and life that are comparable to motors costing much more — through our global sourcing expertise and strong relationships with Asian strategic partners.

The durability of these motors has been proven in the most demanding U.S. applications including money handling systems, material transport, and door operators. A broad range of spur, planetary, and worm gearboxes are available to meet all your fractional horsepower gearmotor needs.



Features

- Continuous duty
- U/L construction recognized
- Ball bearings
- Long-life brushes
- Multiple frame sizes and lengths
- Tubular steel housings
- Die cast endbells
- High power density
- Robust design



Specifications

- 40 – 82mm diameter
- 10 – 120 Watts output
- 6 – 220V DC
- 2 - 35 Ncm continuous torque
- Planetary, spur, and right angle gearboxes

Optional features

- Magnetic encoder
- Optical encoder
- Custom wire harness
- Pulley
- Electromechanical brake
- Custom single or double output shaft

Applications

- Sliding doors
- Low energy “ADA” doors
- Elevator doors
- Platform screen doors
- Fire doors
- Turnstiles & security gates
- Wheelchair ramps
- Conveyors
- Packaging equipment
- Material handling
- Fans
- Pumps



Merkle-Korff Industries®

A Kinetek Company®

Merkle-Korff Industries
25 NorthWest Point Blvd., Suite 900
Elk Grove Village, IL 60007
Phone: (847) 439-3760
Fax: (847) 439-3963
Email: sales@merkle-korff.com
Web: www.merkle-korff.com

Motor Data

Motor Type	4265D		4078D		5275D		5295D	
Voltage (V)	12	24	12	24	12	24	12	24
Output Power (Watts)	14	14	20	20	25	25	35	35
Continuous rated speed (RPM)	3500	3500	3500	3500	3500	3500	3400	3400
Continuous rated torque (Ncm)	3.8	3.8	5.5	5.5	7	7	10	10
Continuous current (Amps)	2.2	1.1	3	1.5	3.6	1.8	4.6	2.3
No load speed (RPM)	4200	4200	4200	4200	4200	4200	4200	4200
Motor Diameter (mm)	40	40	40	40	52	52	52	52
Motor Length (mm)	65	65	78	78	75	75	95	95
Shaft Diameter (mm)	5	5	5	5	6	6	6	6

Motor Type	52125D		6395D		63125D		83135D	
Voltage (V)	12	24	12	24	12	24	12	24
Output Power (Watts)	50	50	50	50	85	85	110	110
Continuous rated speed (RPM)	3200	3200	3200	3200	3200	3200	3000	3000
Continuous rated torque (Ncm)	15	15	15	15	25	25	34	34
Continuous current (Amps)	5.5	2.8	6.2	3.1	9	4.5	12	6
No load speed (RPM)	3500	3500	3600	3600	3600	3600	3300	3300
Motor Diameter (mm)	52	52	63	63	63	63	82	82
Motor Length (mm)	125	125	97	97	125	125	135	135
Shaft Diameter (mm)	6	6	8	8	8	8	12	12

