

B138F Series



General Specifications

Partnumber	Voltage (V)	Reduction (:1)	Length (mm)	Diameter (mm)	Nominal torque (mNm)	Speed at nominal torque	Current (A)
B138F-6-12	6	12,25	37,5	34,0	15	155	0,10
B138F-12-12	12	12,25	37,5	34,0	15	155	0,055
B138F-6-21	6	21,14	37,5	34,0	25	85	0,10
B138F-12-21	12	21,14	37,5	34,0	25	85	0,055
B138F-6-36	6	35,73	37,5	34,0	40	53	0,095
B138F-12-36	12	35,73	37,5	34,0	40	53	0,050
B138F-6-72	6	71,54	37,5	34,0	70	28	0,095
B138F-12-72	12	71,54	37,5	34,0	70	28	0,050
B138F-6-149	6	149,05	37,5	34,0	140	13	0,095
B138F-12-149	12	149,05	37,5	34,0	140	13	0,050
B138F-6-208	6	208,66	37,5	34,0	200	9	0,095
B138F-12-208	12	208,66	37,5	34,0	200	9	0,050
B138F-6-608	6	608,61	37,5	34,0	500	3,3	0,090
B138F-12-608	12	608,61	37,5	34,0	500	3,3	0,048
B138F-6-1470	6	1470,82	37,5	34,0	500	1,6	0,058
B138F-12-1470	12	1470,82	37,5	34,0	500	1,6	0,030

Partnumber	Voltage (V)	Reduction (:1)	Length (mm)	Diameter (mm)	Nominal torque (mNm)	Speed at nominal torque	Current (A)
B138F-4/12-12	12	12,25	37,5	34,0	15	250	0,080
B138F-4/12-21	12	21,14	37,5	34,0	25	150	0,080
B138F-4/12-36	12	35,73	37,5	34,0	42	86	0,080
B138F-4/12-72	12	71,54	37,5	34,0	82	43	0,080
B138F-4/12-149	12	149,05	37,5	34,0	150	20	0,080
B138F-4/12-208	12	208,66	37,5	34,0	200	14	0,080
B138F-4/12-608	12	608,61	37,5	34,0	500	5,3	0,075

The resistance can be chosen with respect to the required torque and supplied voltage

- VDR interference suppression on the collector
- Precious metal brushes (Au-Ag-Cu)
- Direction of rotation depending on polarity
- Can be mounted in any position
- Maximum radial shaft load: 20N
- Maximum axial shaft load: 5N
- Temperature range: -20°C/60°C
- Approximate weight 85g

Mechanical Dimensions

