

BS138F Series



General Specifications

Partnumber	Voltage (V)	Reduction (:1)	Length (mm)	Diameter (mm)	Nominal torque (mNm)	Speed at nominal torque	Current (A)
BS138F-6-12	6	12,25	40	35,0	15	155	0,10
BS138F-12-12	12	12,25	40	35,0	15	155	0,055
BS138F-6-21	6	21,14	40	35,0	25	85	0,10
BS138F-12-21	12	21,14	40	35,0	25	85	0,055
BS138F-6-36	6	35,73	40	35,0	40	53	0,095
BS138F-12-36	12	35,73	40	35,0	40	53	0,050
BS138F-6-72	6	71,54	40	35,0	70	28	0,095
BS138F-12-72	12	71,54	40	35,0	70	28	0,050
BS138F-6-149	6	149,05	40	35,0	140	13	0,095
BS138F-12-149	12	149,05	40	35,0	140	13	0,050
BS138F-6-208	6	208,66	40	35,0	200	9	0,095
BS138F-12-208	12	208,66	40	35,0	200	9	0,050
BS138F-6-608	6	608,61	40	35,0	500	3,3	0,090
BS138F-12-608	12	608,61	40	35,0	500	3,3	0,048
BS138F-6-1470	6	1470,82	40	35,0	500	1,6	0,058

Partnumber	Voltage (V)	Reduction (:1)	Length (mm)	Diameter (mm)	Nominal torque (mNm)	Speed at nominal torque	Current (A)
BS138F-12-1470	12	1470,82	40	35,0	500	1,6	0,030
BS138F-4/12-12	12	12,25	40	35,0	15	250	0,080
BS138F-4/12-21	12	21,14	40	35,0	25	150	0,080
BS138F-4/12-36	12	35,73	40	35,0	42	86	0,080
BS138F-4/12-72	12	71,54	40	35,0	82	43	0,080
BS138F-4/12-149	12	149,05	40	35,0	150	20	0,080
BS138F-4/12-208	12	208,66	40	35,0	200	14	0,080
BS138F-4/12-608	12	608,61	40	35,0	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

