

DC Wiper Motor (Brush DC Motor)

Performance Data at Rated 12V DC

Type	No-Load Speed	Rated			Peak Torque N.m	L1 mm	L2 mm
		Speed rpm	Current A	Torque N.m			
WD1160	40	28	5.6	5.2	8.5	182	225
	31	24	4.8	7	10		
WD1160-B	40.5	28	5.8	6.5	10	199	235
	27	21.5	6.3	13.2	15		

Performance Data at Rated 12V DC

Type	No-Load Speed	Rated			Peak Torque N.m	L1 mm	L2 mm
		Speed rpm	Current A	Torque N.m			
WD21100	38	25	10	12.5	20	223.5	276.5
	25	19	5.7	13	20		
WD21100-B	37	25	9.7	12	20	235	288
	23	15	7.8	16	20		

We Tested with Load.

Input: 12V I= 0.789A W= 13W Speed= 48~50 rpm ; 16V
| speed= 68~70 rpm

Short- Circuit Test:

Input: 5V I= 2.5A W= 20W Speed= 0 rpm

$$\text{Total Input} = \text{Output} + \text{Loss} = (20+13)= 33\text{W}.$$