

No.	Item	Specification	No.	Item	Specification	Drawn	Bruce	11/06/2020
1	Rated Voltage	7.5V DC	7	No load current	45mA Max	Checked	Eva	11/06/2020
2	Starting Voltage	1.2V	8	No load speed	6100±10% rpm	Eng Appr.		
3	Direction of Rotation	CCW	9	Starting Torque	56g.cm	Mfg Appr.		
4	Rated load current	155mA Max	10	Stall current	680mA Max	Q.A.		
5	Rated load speed	5000±10% rpm				SKU:		
6	Rated Load	10.9g.cm				1112301		

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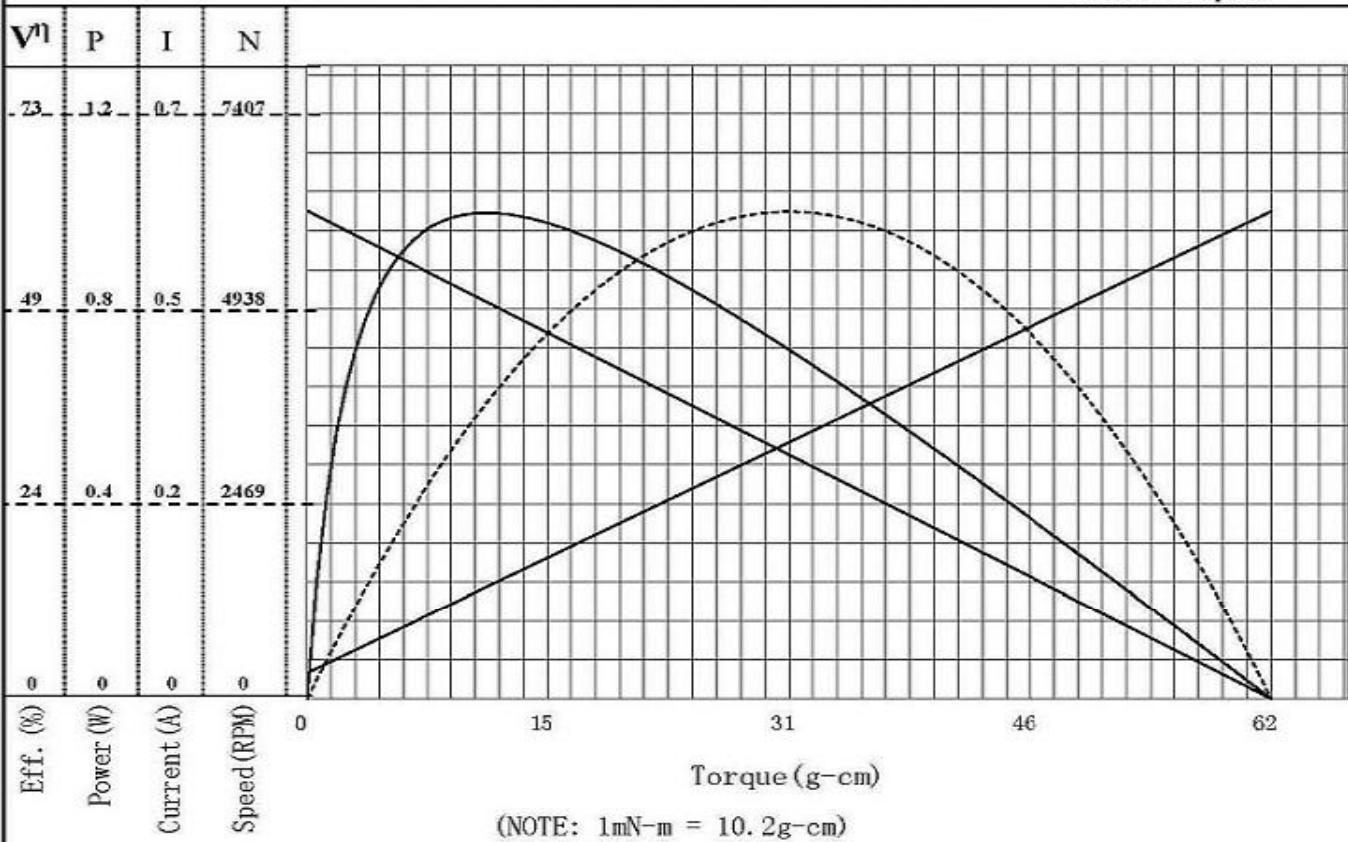
Size: A4 Unit: mm
Scale: Sheet: 1 of 1

Sample No: 0 Customer B-KSDZ Date: 2020.11.04
 Model: KFF-130SH-38L-7.5V

Efficiency

 Power output

NOTE: Performance (in an ambient temperature of 25-30°C)
 Motor tested rapidly to prevent significant temperature rise.



Constant voltage : 7.5 V_{DC}
 Direction: CCW

At No Load
 Speed: 6180 rpm
 Current: 0.030 A

At stall (Extrapolated)
 Torque: 61.9 g-cm
 Current: 0.57 A

At maximum efficiency
 Efficiency: 60.8 %
 Torque: 11.8 g-cm
 Speed: 5002 rpm
 Current: 0.13 A
 Output: 0.61 W

At maximum Power output
 Output: 0.98 W
 Torque: 31.0 g-cm
 Speed: 3090 rpm
 Current: 0.30 A

Issued by QA Reliability Testing Center
 COMPUTER PRINT-OUT
 NOMINAL MOTOR CURVES
 Performance and characteristics are measured based on limited motor samples only

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