



Precious metal-brush motors

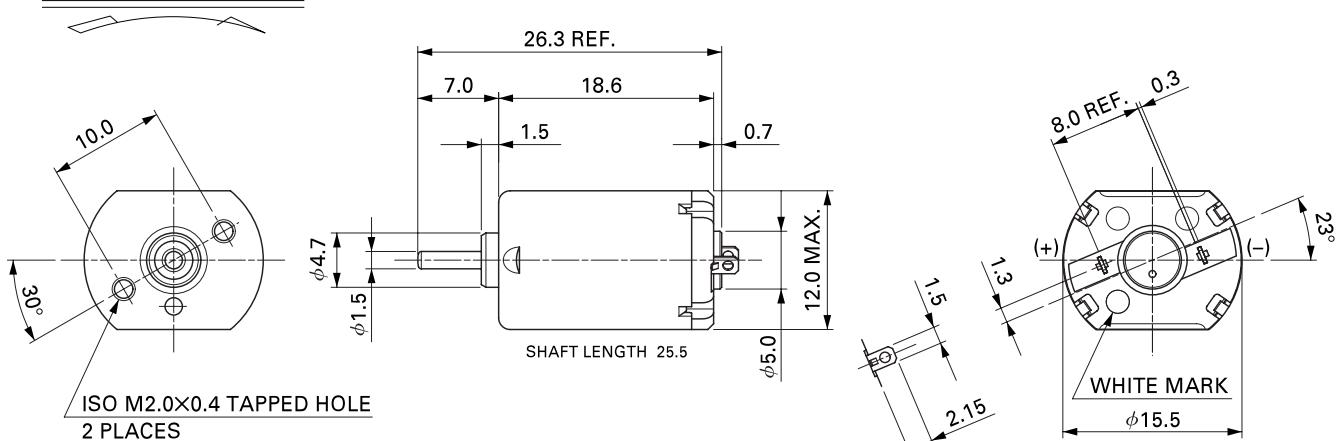
### OUTPUT : 0.05W~2.2W (APPROX)

WEIGHT : 11g (APPROX)

**Typical Applications** Office Automation Equipment : CD/DVD-ROM Drive  
Audio and Visual Equipment : CD/MD Player / Car CD Player

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL			
	OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE		CURRENT
			r/min	A	r/min	A	mN·m	g·cm	W	mN·m	g·cm	A
FF-030PK-09210	3~7	7V CONSTANT	14800	0.056	11500	0.20	0.56	5.7	0.67	2.50	25	0.68
FF-030PK-11160	2.0~5.5	5V CONSTANT	13800	0.066	10870	0.25	0.53	5.4	0.60	2.50	25	0.91

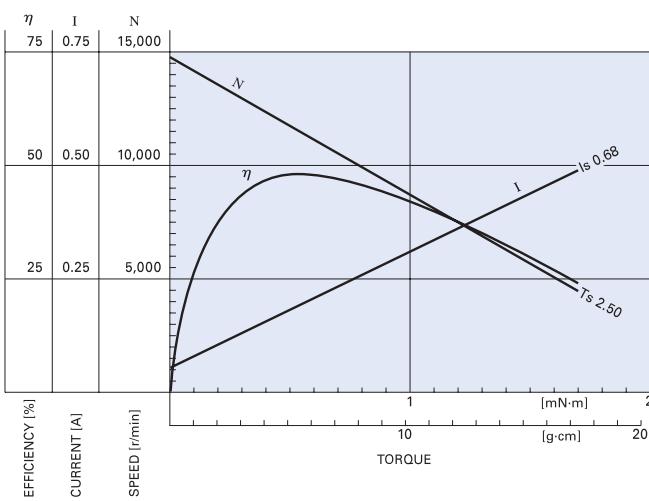
#### DIRECTION OF ROTATION



UNIT: MILLIMETERS

#### FF-030PK-09210

7.0V



#### FF-030PK-11160

5.0V

