

# CARACTERISTIQUES MACHINE A COURANT CONTINU

Tension d'alimentation	Résistance d'induit	Constante de FEM KE	Cf0	Coefficient de frottement visqueux a
V	$\Omega$	v/rad/s	Nm	Nm/tr/min
16	1	0,0221	5,43E-03	3,79E-07

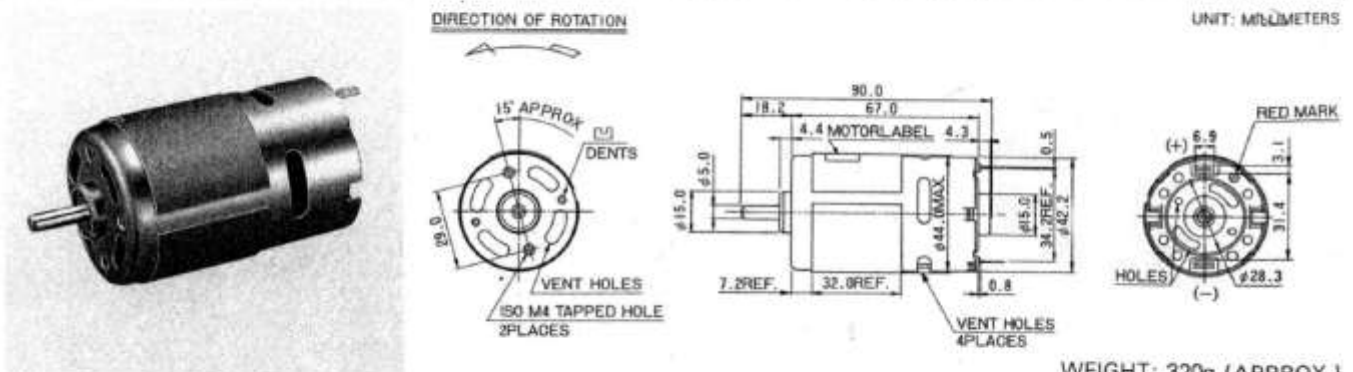
Essai a vide :

U (V)	I (mA)	N (tr/min)	KE	Couple de pertes (Nm)
1,01	255	320	0,0221	0,00564
2	255	749		0,00564
3	265	1179		0,00586
4,02	273	1604		0,00603
5,03	280	2037		0,00619
6,02	290	2455		0,00641
7,03	295	2887		0,00652
8,05	303	3327		0,00670
9,01	310	3742		0,00685
10	320	4174		0,00707
11	323	4622		0,00714

HEAVY DUTY SERIES/CARBON BRUSH GROUP

**MABUCHI**  
MOTOR

# RS-775SH/SF



WEIGHT: 320g (APPROX.)

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY						STALL TORQUE	
	OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	EFF	STALL TORQUE	
			rpm	A	rpm	A	oz-in	g-cm	W	%	oz-in	g-cm
RS-775SH-4047	12.0~30.0	24.0V CONSTANT	10300	0.4	9010	2.79	7.85	565.0	52.2	78.0	62.5	4500
RS-775SH-6021	6.0~20.0	12.0V CONSTANT	11550	1.0	10000	6.40	7.74	557.6	57.2	74.0	57.6	4150
RS-775SH-7513	4.5~15.0	6.0V CONSTANT	9300	1.5	8020	9.37	7.00	503.8	41.4	73.7	50.7	3650
		12.0V CONSTANT	18800	2.0	16160	12.3	9.36	673.8	111.7	76.0	66.7	4800