MABUCHI MOTOR RS-775VF

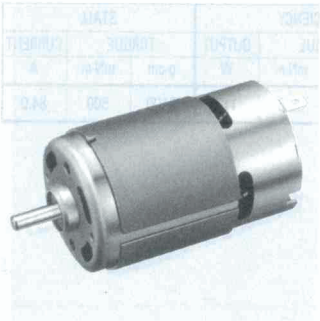
OUTPUT: APPROX 15W~130W *Carbon-brush motors*

代表的用途／工具
- ドリル・ドライバー

OA機器
- プリンター

Typical Applications / Cordless Power Tools
- Drill & Screwdriver

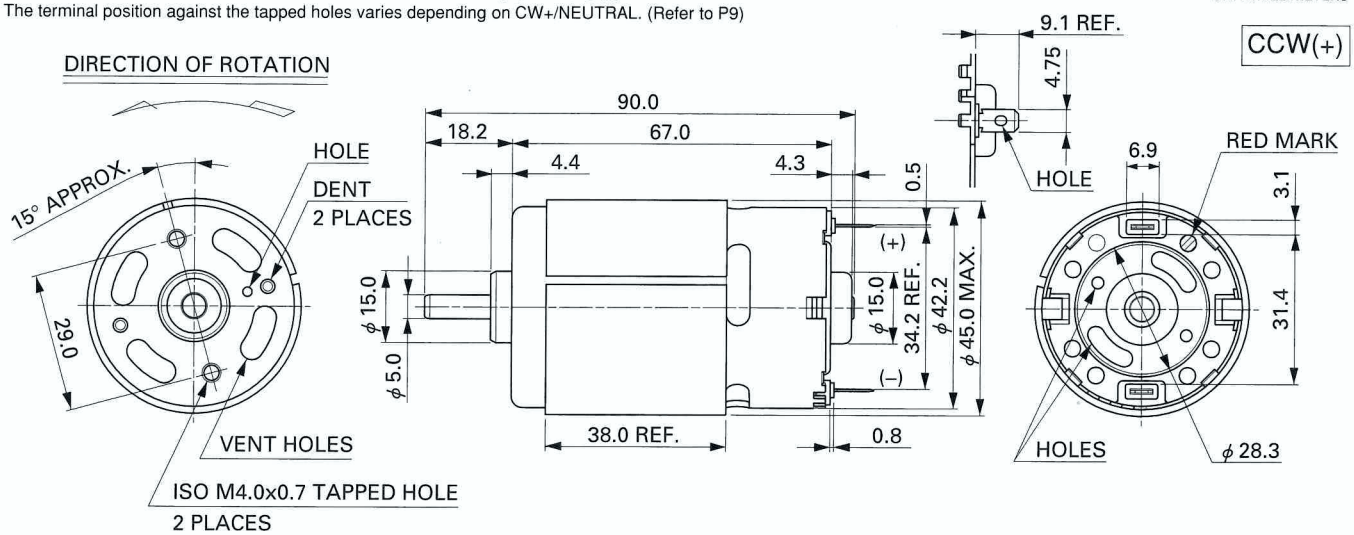
Office Automation Equipments
- Printer



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	g·cm	mN·m	W	g·cm	mN·m	A
RS-775VF-7513	6 ~ 15	12V CONSTANT	16000	2.70	13700	15.9	1020	100	143	7000	686	93.0

両回転または逆回転でご使用の場合は、端子の位置が異なります。(9ページ参照)
The terminal position against the tapped holes varies depending on CW+/NEUTRAL. (Refer to P9)

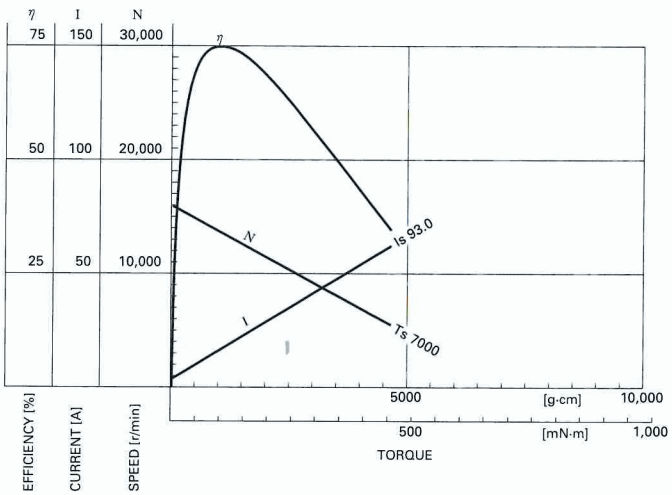
UNIT: MILLIMETERS

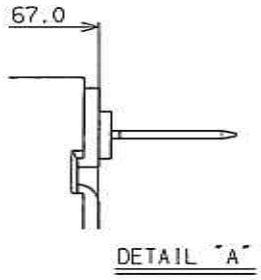


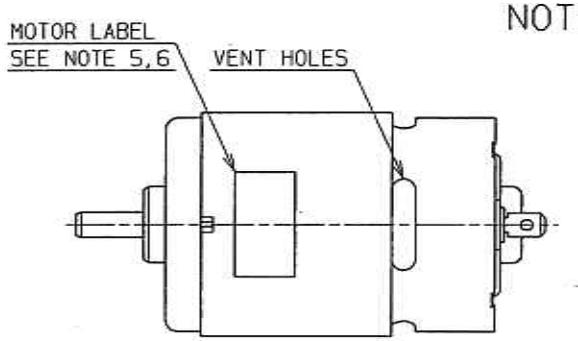
取付けネジはモータケース面より5.0以下
Usable male screw length 5.0 max. from motor mounting surface.

WEIGHT: 350g (APPROX)

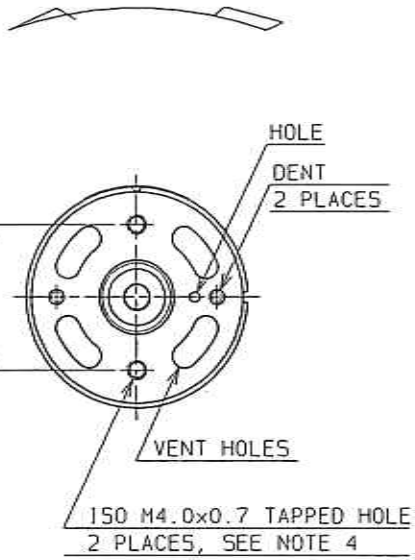
RS-775VF-7513 12.0V

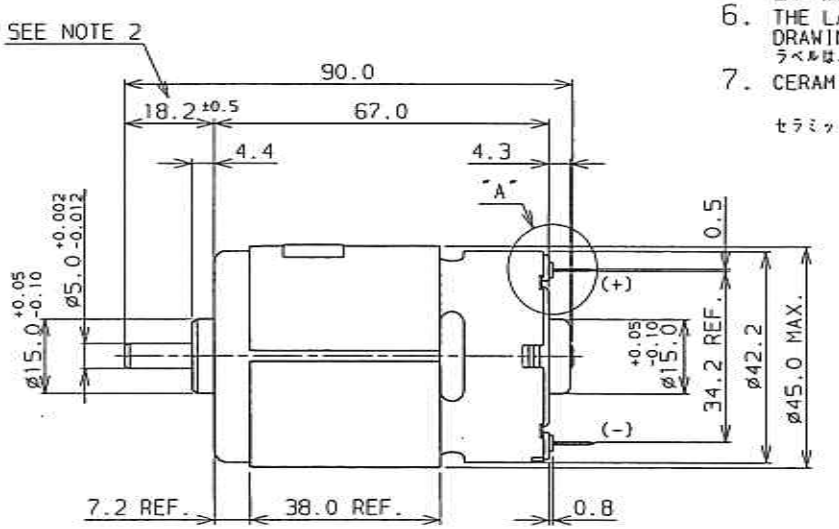


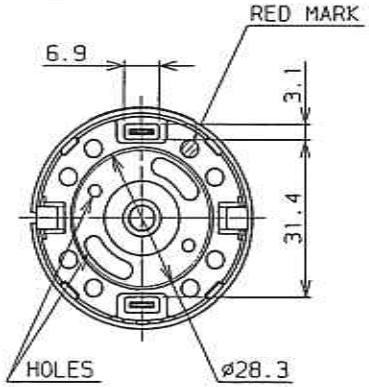


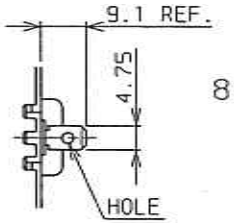


DIRECTION OF ROTATION









NOTES

1. DIMENSIONS, MODIFICATIONS OR CHANGES NOT INDICATED ON THIS DRAWING DO NOT APPLY UNLESS CONFIRMED BY US IN WRITING.
   本図面に記入されていない形状寸法で、特に取り決めの必要がある場合は事前に御連絡下さい。
2. THIS DIM. APPLIES ONLY WHEN MOTOR SHAFT IS IN EXTREME LEFT POSITION.
   この寸法については、シャフトを左に押しつけた位置で適用する。
3. SHAFT END PLAY 0.05 ~ 0.5.
   エンドプレーは、0.05~0.5とする。
4. USABLE MACHINE SCREW LENGTH 5.0 MAX. FROM MOTOR MOUNTING SURFACE.
   取り付けネジの長さは、モーターケース面より5.0以下のこと。
5. HOUSE MARK, MOTOR TYPE AND LOT No. TO BE PRINTED ON LABEL.
   ラベルには、下記項目を入れること。
   社章・機種名・ロットNo.
6. THE LABEL SHOULD BE STICKED ON AS SHOWN IN DRAWING.
   ラベルは、図示の様に貼ること。
7. CERAMIC CAPACITOR SPEC.
   CAPACITY : 100nF
   セラミックコンデンサの容量 : 100nF
8. BUILT-IN CAPACITOR : ONE LEAD END TO BE GROUNDED TO THE METAL HOUSING INTERNALLY, WHILE THE OTHER LEAD TO BE WOUND AROUND THE TERMINAL RIVET AND CONNECTED TO THE (-) TERMINAL.
   内蔵用コンデンサ : 片方のリードは、ハウジングにアースされていること。
   他方のコンデンサのリードは、モーター内側の打込鋲に巻きつけて(-)側ターミナルへ接続されていること。
9. BUILT-IN CAPACITOR : ONE LEAD END TO BE GROUNDED TO THE METAL HOUSING INTERNALLY, WHILE THE OTHER LEAD TO BE WOUND AROUND THE TERMINAL RIVET AND CONNECTED TO THE (+) TERMINAL.
   内蔵用コンデンサ : 片方のリードは、ハウジングにアースされていること。
   他方のコンデンサのリードは、モーター内側の打込鋲に巻きつけて(+)側ターミナルへ接続されていること。

CCW® CCWO

REVISIONS								TOLERANCES NOT OTHERWISE SPECIFIED		APPD. H.M	MABUCHI MOTOR CO.,LTD.	
								DECIMAL	±0.3mm	CHKD. H.S S.Y	SCALE ×	MODEL RS-775VF
								ANGLES				
	FEB.-1-'99	PRODUCTION RELEASE.	C-19874	R.A	H.S	H.M				DWN. R.Abe	DATE FEB.-1-1999	DWG.No. K3-10413 REV.
SYM.	DATE	DESCRIPTION	REF.No.	DWN.	CHKD.	APPD.						

MABUCHI MOTOR

RS-775VF-7513 TKS-71-F688

1. Standard Operating Conditions:

1-1 Rated Voltage:	12.0 V DC CONSTANT between motor terminals.
1-2 Direction of Rotation:	CCW & CW

2. Measuring Conditions:

2-1 Motor Position:	Motor to be held, with shaft horizontally.
2-2 Power Supply:	Regulated power supply which assures unquestionable measurement.
2-3 Environmental Temperature and Humidity:	The test is made in principle at a temperature between 10℃ and 30℃, and at relative humidity between 30% and 95%. If the test result is questionable, it shall be judged from the test made at JIS Standard Testing Condition (20℃±2℃, 65%±5% RH).
2-4 Direction of Rotation:	CCW when viewed from output shaft side.

3. Electrical Characteristics (at initial stage after 3 minutes run-in):

3-1 No Load Current:	3.4 A max.
3-2 No Load Speed:	14600 ± 2300 r/min
3-3 Reference Characteristic Curve:	See spec. No. TKS-81-25024 attached.

4. Mechanical Characteristics:

4-1 External Appearance:	As per our Drawing No. K3-10413
4-2 Shaft End Play:	0.05 - 0.5 mm

5. Life: 50 hours (min.) total running time at the following condition.

Voltage:	12.0 V DC constant.
Load:	Fan load equivalent to 500 g-cm.
Environment:	25℃±5℃ / 65%±20% RH
Duty cycle:	Continuous (CCW)

6. Rejects: Motors which do not meet with the specifications mentioned above or which are apparently judged as faulty due to poor workmanship.

REFERENCE ONLY

MABUCHI MOTOR

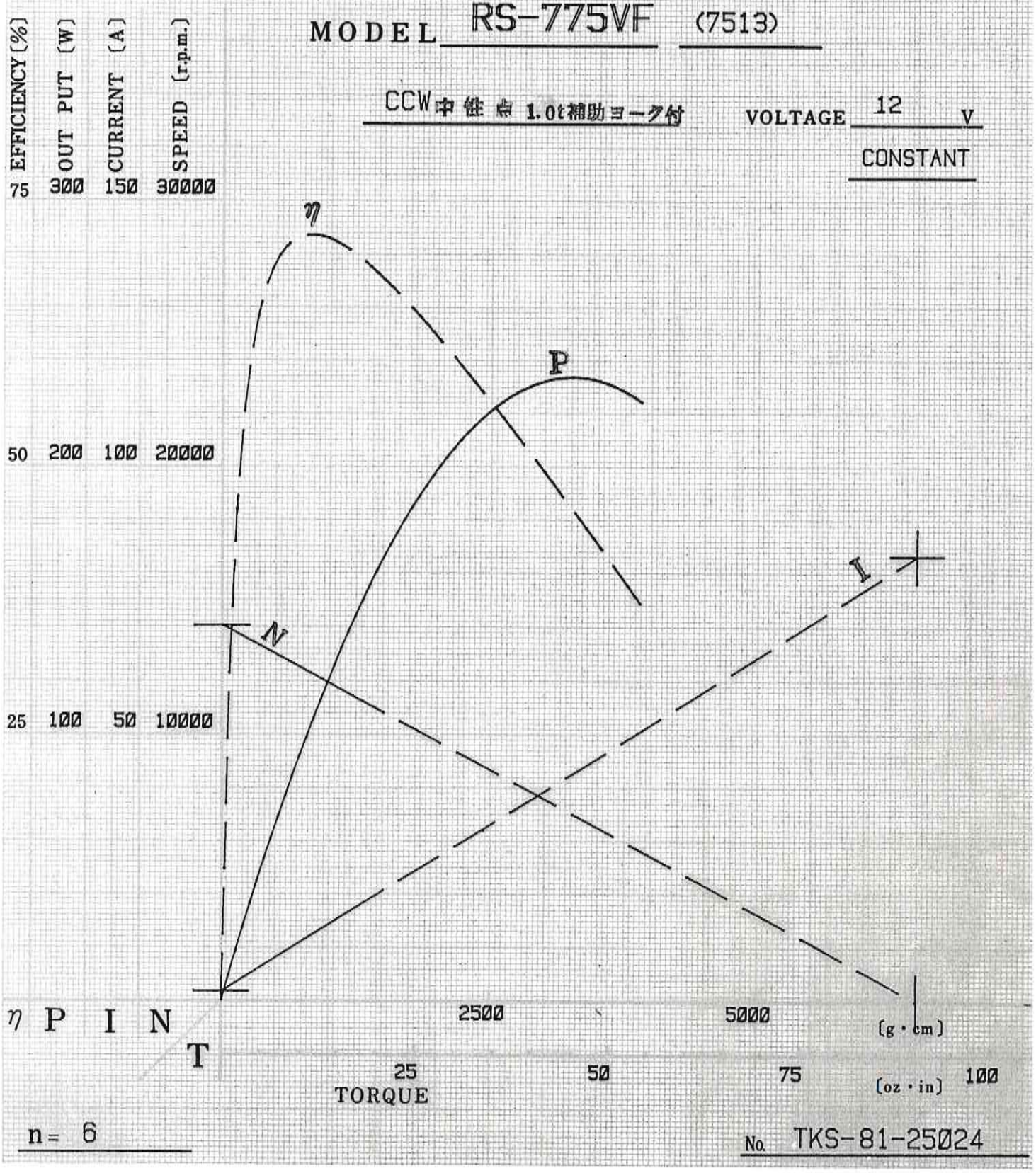
DATE 9-24-'86

MODEL RS-775VF (7513)

CCW中性点 1.0t補助ヨーク付

VOLTAGE 12 V

CONSTANT



n = 6

No. TKS-81-25024

RS-775VF
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