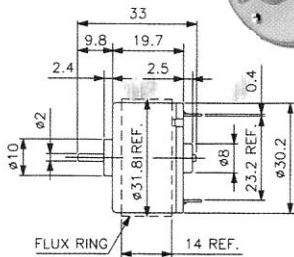




IGARASHI
MOTOREN GMBH

3020-495



Technische Daten

Nennspannung Volt	Arbeitsspannung Volt	Leerlaufdrehzahl U/min	Leerlaufstrom A	Drehzahl bei η max U/min
12	3-15	4500	0,05	3500

Strom bei η max A	Abgabe max W	Drehmoment bei η max Ncm	Eff %	Gewicht g
0,15	0,9	0,25	51	45

Elektromotor 3020-495
Best. Nr. 220490

Igarashi
Motoren GmbH

Steinbacher Strasse 47-51
90559 Burgthann



4 016138 389371

96120294



IGARASHI ELECTRIC WORKS (H.K.) LTD.

BLOCK "A", 2nd - 3rd FLOOR, SHUI KI IND. BUILDING,
18, WONG CHUK HANG ROAD, ABERDEEN, HONG KONG

MOTOR MODEL NUMBER : 3020-495-GF-3

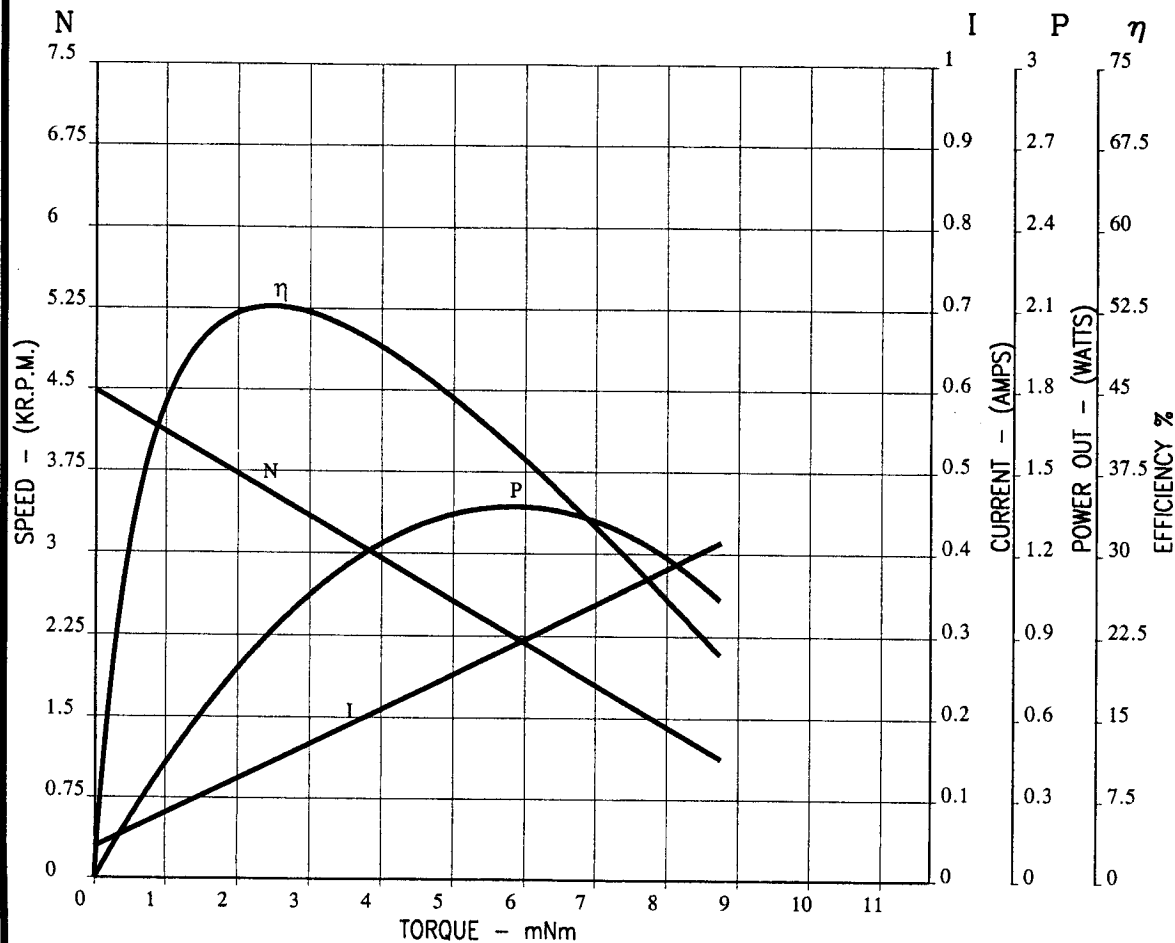
SAMPLE NUMBER : 3936(ITEMA)

TERMINAL VOLTAGE : 12 VDC

ITEM NUMBER : 010-495-3

SENSE OF ROTATION : DUAL (CCW)

DATE : 14/06/2000



PERFORMANCE

AT A MOTOR TERMINAL VOLTAGE OF : 12 VDC
IN AN AMBIENT TEMPERATURE OF : 22 °C

MOTOR TESTED RAPIDLY TO PREVENT SIGNIFICANT TEMPERATURE RISE

AT NO LOAD

SPEED = 4.495 KR.P.M.
CURRENT = 0.039 AMPS

AT STALL (EXTRAPOLATED)

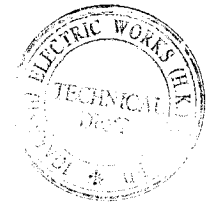
TORQUE = 11.67 mNm
CURRENT = 0.539 AMPS

AT MAXIMUM EFFICIENCY

EFFICIENCY = 52.72 %
SPEED = 3.543 KR.P.M.
TORQUE = 2.471 mNm
CURRENT = 0.144 AMPS

AT MAXIMUM POWER OUTPUT

SPEED = 2.248 KR.P.M.
TORQUE = 5.832 mNm
CURRENT = 0.288 AMPS
OUTPUT = 1.373 WATTS



CHARACTERISTICS

TORQUE CONSTANT (Kt) = 23.74 mNm/A
EMF CONSTANT (Ke) = 2.486 V/KR.P.M.
TERM. RESISTANCE = 22.25 Ω
MOTOR REGULATION (Rm) = 0.385 KR.P.M./mNm

REMARK :

- (1) C.C. FOR "CONRAD/D [C5437]" ONLY
- (2) C.C. FOR PO 3936(ITEM A)
- (3) C.C. BASED ON PR3936(ITEM A)