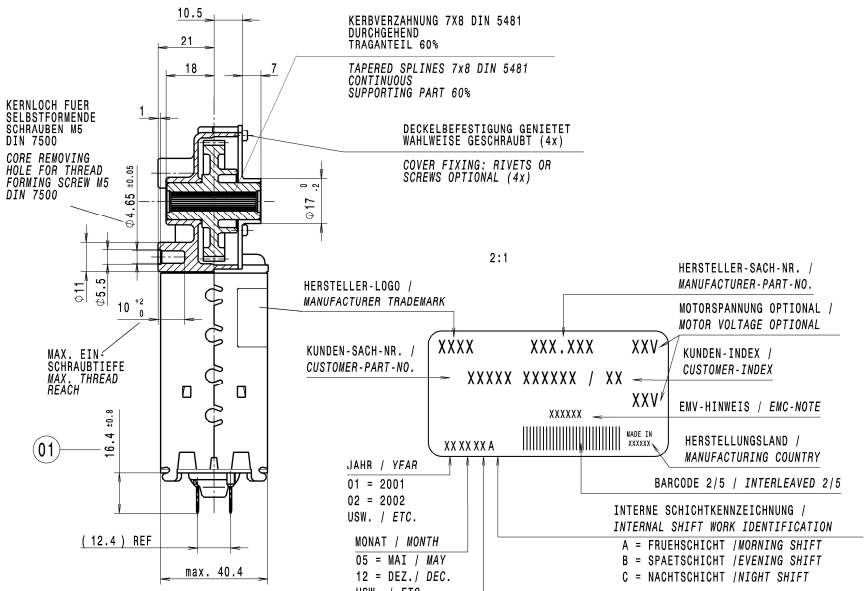
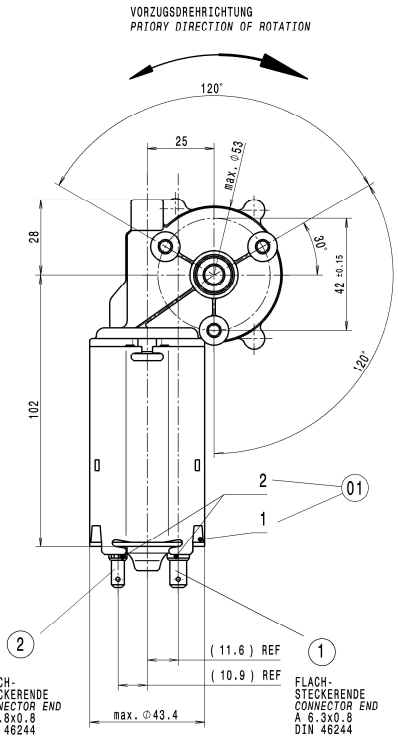
SAMPLING AND RELEASE ACCORDING TO
HQ-P-7.3 AND NMA SUPPLIER MANUAL

SPECIAL CHARACTERISTIC	QUANTITY
SRC ∇^{S}_{R}	0
SC ◆	0
FC $\diamond^{F}$	0

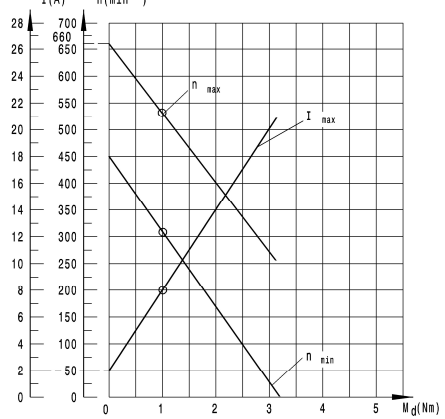
REV. NO.	ZONE	DESCRIPTION		DATE	NAME
50001021		UMSTELLUNG AUF VO-MATERIAL	CHANGE TO VO-MATERIAL	2015-07-28	BORSTA



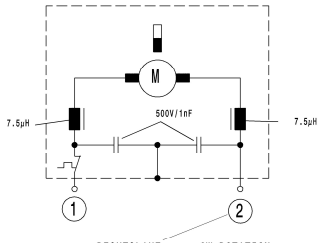


MOTORKENNLINIE
MOTOR CURVE

** ○ MESSPUNKTE KENNLINIE
○ *MEASURE POINTS MOTOR CURVE*



SCHALTBILD
CIRCUIT DIAGRAM



\+ RECHTSLAUF *CW ROTATION* **
\- LINKSLAUF *CCW ROTATION*

A) ALLGEMEINES
1.PRUEFSPANNUNG	UP	= 24V DC
2.LEERLAUFDREHZAHL	n0	= 450-660 min-1
3.LEERLAUFSTROM	I0	= MAX. 2A
4.UMGEBUNGSTEMPERATUR		= -20°C BIS +60°C

B) BETRIEBSDATEN
NENNMOMENT (NENNLAST) MN = 1Nm

C) MITGELTENDE UNTERLAGEN
1.ALLG. SPEZIFIKATION INDUSTRIEMOTOREN NIDEC
NACH SWF 46.402 (AUSGABE VOM 09.04.1998)
DARUEBERHINAUS GEHENDE ANFORDERUNGEN
HAT DER KUNDE DURCH PRUEFUNGEN IM SYSTEM
SICHERZUSTELLEN.
HIERFUER UEBERNIMMT NIDEC KEINE HAFTUNG.

A) GENERAL
1.TEST VOLTAGE	*UP*	*= 24V DC*
2.NO LOAD SPEED	*n0*	*= 450-660 min-1*
3.NO LOAD CURRENT	*I0*	*= MAX. 2A*
4.TEMPERATURE		*= -20°C TO +60°C*

B) RUNNING DATA
LOAD *MN = 1Nm*

C) OTHER VALID DOCUMENTS
1.GEN. SPECIFICATION INDUSTRIAL MOTORS NIDEC
ACC. SWF 46.402 (EDITION AT 09.04.1998)
ADDITIONAL REQUIREMENTS, WHICH ARE NOT CONTENT OF THE
ABOVE SPECIFICATION, HAVE TO BE SECURED BY THE CUSTOMER.
FOR THIS ADDITIONAL REQUIREMENTS NIDEC CAN
TAKE NO PRODUCT LIABILITY.

** 100% PRUEFUNG
100% CHECKING

NA | NICHT ANGEWENDET / *NOT APPLICABLE* — KONTROLL PLAN / *CONTROL PLAN*

01 ENTFLAMMBARKEIT NACH FMVSS 302 IST NACHZUWEISEN
FLAMMABILITY ACCORDING TO FMVSS 302 HAS TO BE PROVED

MOTOR NUR IM SCHALTBETRIEB BETREIBEN !
ED 10%
ANKERAXIALSPIEL 0.1-0.4mm EINSTELLEN
MOTOR ONLY TO BE USED ON SHORTTIME BASE !
10% DUTY CYCLE
END PLAY OF ARMATURE MOT 0.1-0.4mm ADJUSTING

24 V	24 V	56 : 4	400 /min	1 Nm	---	KOHLEQUALITAET 26301	150°C
U N SPANNUNG	U P *VOLTAGE*	UEBERSETZUNG *GEAR RATIO*	BETRIEBSDREHZAHL *OPERATING SPEED*	BETRIEBSMOMENT *OPERATING TORQUE*	KUNDEN-NR. *CLIENT'S REF. NO.*	BEMERKUNG *REMARK*	ABSCHALTTEMPERATUR *SWITCH-OFF*

ITEM	MATERIAL NUMBER	QUANT.	TITLE	DOCUMENT NO.

01

POS. ITEM	BENENNUNG *TITLE*	MATERIAL *MATERIAL*
2	STECKER FL UMSPRITZUNG *MOULDING TERMINAL MS*	ZYTEL FR70 G25 V0 BK 369
1	PLATTE HALTE *BRUSH M PLATE*	ULTRAMID A3 UG5

LIMIT DIMENSIONS FOR NOMINAL SIZE RANGES IN mm		...6	>6...30	>30...120	>120...400	>400...1000
TOLERANCES FOR NOMINAL SIZE RANGES IN mm	±	0,1	0,2	0,3	0,5	0,8
LIMIT DIM. FOR NOMINAL SIZE RANGES IN DEGREE/ MINUTE (SHORTER ANGLE SIDE)			...10	>10...50	>50...100	>100
TOLERANCES FOR NOMINAL SIZE RANGES	±		1°	30'	20'	10'
SURFACE FINISH ACC. TO SWF 00.051						*NORM FOR SURFACE FINISH*
SURFACE TEXTURE ACC. TO DIN EN ISO 1302				*EDGES ACC. TO ISO 13715*		
GEOMETRICAL PRODUCT SPECIFICATIONS (GPS) SIZE ISO 14405 (E)				*GEOM. TOLERANCING ACC. TO DIN EN ISO 1101*		
STOCK MATERIAL						
CUSTOMER REFERENCE NO.						
MATERIAL SPECIFICATION ACC. TO SWF 10.XXX						*NORM FOR MATERIAL SPECIFICATION*

MATERIAL NO.	OLD SPAIN MATERIAL NO.	REFERENCE NO.
405-695-99-99		

ALL DIMENSIONS IN mm

SCALE 1:1

RELEASE-LEVEL *RELEASED*

TITLE
MOTOR GMPG
GEAR-MOTOR GMPG

ARTICLE NO. **0225**

DT	DOCUMENT NO.	VERSION	SHEET	OF	FORMAT
A	10000012672	01	1	1	A1

	DATE	NAME
DRAWN	28.07.2015	HERMANNN
CHECKED	12.11.2015	BRUNNR
RELEASED	12.11.2015	SOMMERHALTERU

NIDEC MOTORS & ACTUATORS
GERMANY / POLAND / SPAIN

SUB. FOR 4E 4042 A 000

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