

1			2			3			
TOLERANCES UNLESS OTHERWISE STATED			FILLET RADIUS AND CHAMFER HEIGHT			SURFACE FINISH		DIMENSION	TOLERANCE
UP TO 6	OVER 6 UP TO 30	OVER 30 UP TO 120	UP TO 3	OVER 3 UP TO 6	OVER 6 UP TO 30	$\sqrt{R_z}$ -		-	-
±0.1	±0.2	±0.3	±0.2	±0.5	±1			-	-

SUPPLIER MUST CONFORM TO QAR-200 INCLUDING QAR-200 SPECIAL QUALITY REQUIREMENTS (SQR).

 CHARACTERISTICS IDENTIFIED BY THIS SYMBOL HAVE SPECIAL QUALITY REQUIREMENTS AS IDENTIFIED BY THE ACCOMPANYING QAR-200 SPECIAL QUALITY REQUIREMENT DOCUMENT. NOT APPLICABLE

 PARAMETERS IDENTIFIED BY THIS SYMBOL ARE SPECIAL CHARACTERISTICS.

SCOPE

THIS SPECIFICATION APPLIES TO A D.C. GEARMOTOR.

GENERAL

1. REFERENCE BMI MOTOR PERFORMANCE SPEC. 7.13.211.013.

MECHANICAL

1. MOTOR IS BI-DIRECTIONAL
2. DIRECTION OF ROTATION IS CW. W/+ VOLTAGE APPLIED TO INDICATED TERMINAL.
3. REFERENCE BPI 7.27.253.156 FOR DIMENSIONS.

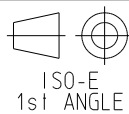
ELECTRICAL

NOTE: 1. MOTOR MUST SATISFY ALL SPECIFICATIONS IN BOTH CW AND CCW DIRECTIONS.

1. NO LOAD PERFORMANCE - VOLTAGE = 12 VDC
SPEED = 162 ±15%
CURRENT = 120 A max.
2. PERFORMANCE AT LOAD OF 20 Ncm -VOLTAGE = 12 VDC
SPEED = 106 ±15%
CURRENT = 650 mA MAX

-	156
PI	KN

INTERNAL	
B	X
X	X



MATERIAL	-		
MATERIAL NUMBER	-		
BUEHLER MOTOR INC.	DATE	19APR00	SUBSTITUTED FOR
CARY, NC 27512	DRAWN	HERRING	-
	CHECKED	JEH	REPLACED BY
	APPROVAL	-	-



TITLE	SPECIFICATIONS		A4
DRAWING NUMBER	7.13.171.KN		SCALE N/A
1	RELEASED PER ECO 4113-3	19APR00	JEH
EXPERIMENTAL NUMBER	EX.XXX.XXXXX		SHEET 1 OF 1

DI	CHANGE ONLY WITH CAD	DATE	NAME	USE	61.46	-	-	-	-	-	-	-	-
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30mm

Für diese Zeichnung behalten wir uns alle Rechte nach DIN 34 for.

DRAWING CREATED WITH ISO STANDARDS

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