

| 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 | | - | - | - | - |
| ±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

SC 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 CCW. W/+ VOLTAGE APPLIED TO INDICATED TERMINAL.
3. REFERENCE BPI 7.27.253.157 FOR DIMENSIONS.

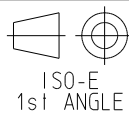
ELECTRICAL

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

1. NO LOAD PERFORMANCE - VOLTAGE = 12 VDC
SPEED = 52 ±15%
CURRENT = 120 mA max.
2. PERFORMANCE AT LOAD OF 30 Ncm - VOLTAGE = 12 VDC
SPEED = 42 ±15%
CURRENT = 390 mA MAX

| | |
|----|-----|
| - | 157 |
| PI | KN |

| | |
|----------|---|
| INTERNAL | |
| B | X |
| X | X |



| | | | | | |
|--------------------|--|----------|---------|-----------------|--|
| MATERIAL | | | - | | |
| MATERIAL NUMBER | | | - | | |
| BUEHLER MOTOR INC. | | DATE | 30MAY00 | SUBSTITUTED FOR | |
| CARY, NC 27512 | | DRAWN | HERRING | - | |
| | | CHECKED | JEH | REPLACED BY | |
| | | APPROVAL | - | - | |

| | | | | | | |
|----------------|--------------------------|----------------|-----|---------------------|--------------|-------|
| TITLE | | SPECIFICATIONS | | | A4 | |
| DRAWING NUMBER | | 7.13.171.KN | | | SCALE | SHEET |
| | | | | | N/A | 1 |
| | | | | | | OF |
| 1 | RELEASED PER ECO 4113-14 | 30MAY00 | JEH | EXPERIMENTAL NUMBER | EX.XXX.XXXXX | 1 |

| | | | | | | | | | | | | | |
|----|----------------------|------|------|-----|-------|---|---|---|---|---|---|---|---|
| DI | CHANGE ONLY WITH CAD | DATE | NAME | USE | 61.46 | - | - | - | - | - | - | - | - |
|----|----------------------|------|------|-----|-------|---|---|---|---|---|---|---|---|

30mm

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

DRAWING CREATED WITH ISO STANDARDS

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