

2mm TO 7mm

Z AXIS AIR GAP

2.0 X AXIS

MAX OFFSET

2.0 Y AXIS

MAX OFFSET

MAGNET MISALIGNMENT

Fig 1

NRH280 Magnet Misalignment Vs Linearity

Fig 3

MAX OPERATING TEMPERATURE DERATING

Fig 4

PWM OUTPUT CHARACTERISTICS

Fig5

OUTPUT INCREASES FOR ACW UNIT WHEN VIEWED AS SHOWN

OUTPUT INCREASES FOR CW UNIT WHEN VIEWED AS SHOWN

MID POINT OF ELECTRICAL ANGLE

BOLT TYPE

PLUG TYPE

Fig 2

Output law for 3 different angles

SCALE 2:1 UNLESS STATED		IF CONTROL DIMENSIONS (Kc) ARE SPECIFIED THEY ARE TO BE SUBJECT TO 100% INSPECTION OR STATISTICAL PROCESS CONTROL.		D No -	MATERIAL MTG PLATE - 316 ST. STEEL BODY - POLYMER MAGNET HOLDER - 316 ST/STEEL		TOLERANCES: IN-LINE WITH PENNY & GILES STANDARDS 55-301 SURFACE TEXTURE VALUES IN MICROMETRES (µm) TO BS1134:PT2. ALL MACHINED SURFACES TO BE 1.6 ALL SCREW THREADS TO BS3643 PT.2: EXTERNAL CLASS: 6g INTERNAL CLASS: 6H		TITLE NON CONTACT ROTARY HALL SENSOR		PENNY + GILES		A3
THIRD ANGLE PROJECTION TO BS 8888		MASS (g)	VOL. (mm ³)	REF.	FINISH	ANGULAR ± 1° LINEAR 0, mm 0,0 mm 0,00mm 0,000mm (MACHINING) +/- 0,5 mm +/- 0,2 mm +/- 0,1mm +/- 0,01mm BREAK EDGE 0,05 - 0,15mm FILLET RADS 0,1 - 0,3mm UNLESS OTHERWISE STATED		PART NUMBER: NRH280DP			SHT 2 OF 2 SHTS		

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