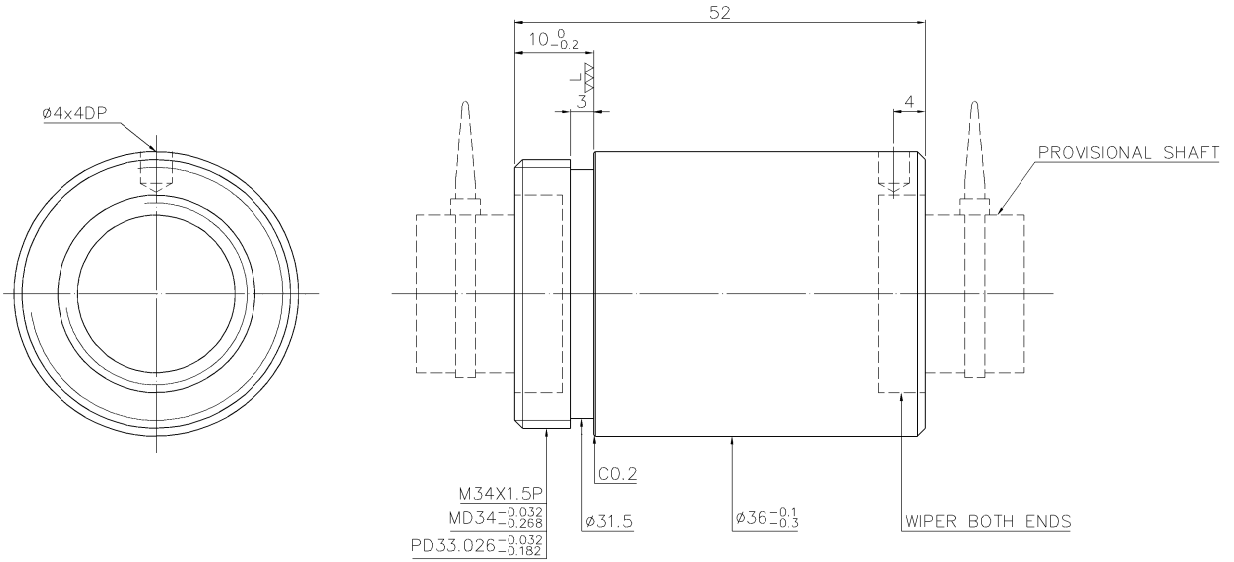
A114IUB5

Released by HIWIN design group.



NOTE: 1. Steel ball tolerance must be in the range of −0.0025, −0.015.

2. L : Precision Turning

SPEC: R20-5.08T4-RSI

MAX. AXIAL LOAD (kgf)		LUBRICATION		PRELOAD (kgf)	~
MAX. ROTATIONAL SPEED (rpm)		SPACE BALL		R.D	~
DN VALUE		E1 TYPE ASSEMBLY METHOD		S.F (kgf)	
MAX. FEED RATE (m/min)		CUSTOMER DRAWING NO.		DRAG TORQUE (kgf-cm)	
ACCELERATION (m/sec²)		CUSTOMER M/C TYPE		DIRECTION OF TURN	R
SUPPORT METHOD		CUSTOMER AXIAL TYPE		PC DIA.	20.2
				BALL DIA.	3.175
				BACKLASH /1	0.03MAX
				CIRCUIT	4
				LEAD ANGLE	4.58
				DYNAMIC (kgf)	938
				STATIC (kgf)	1993
				LEAD	5.08

THREAD LENGTH

E300: ~

UNCHAMFERED USE □R0.5 ■R1 □R

ROUGH M/C	FIN M/C	GRD	SCALE
25a	6.3a	0.4a	1: X

UNTOL DIMN mm

UP TO 6	6 30	30 120	120 300	300 600	600 1200	1200 2400	OVER 2400
±0.1	±0.2	±C.3	±0.4	±0.5	±0.8	±1.2	±1.5

MATERIAL: SH: ROLLED / INT: SNCM220/SCM415

THREAD BALL TRACK HRC 56 ~ 62

DATE	2007.07.16
DWG	ANET
APPD	MICHELLE
PROCESS NO.	G
CUSTR	H-CHICAGO
DWG.NO.	A114IUB5

HIWIN® BALLSCREWS

*BREAK SHARP EDGE UNLESS OTHER SPECIFIED.
*未畫倒角者以R0.5MAX

◐ THREAD END ALLOWS ABOVE LENGTH OUT OF HARDNESS TOLERANCE.

DATE	MODIFICATION	APPROVED
2007.0716	MOD. /1	MICHELLE

*PLEASE IGNORE CHINESE CHARACTERS WHICH ARE FOR OUR REFERENCE ONLY.