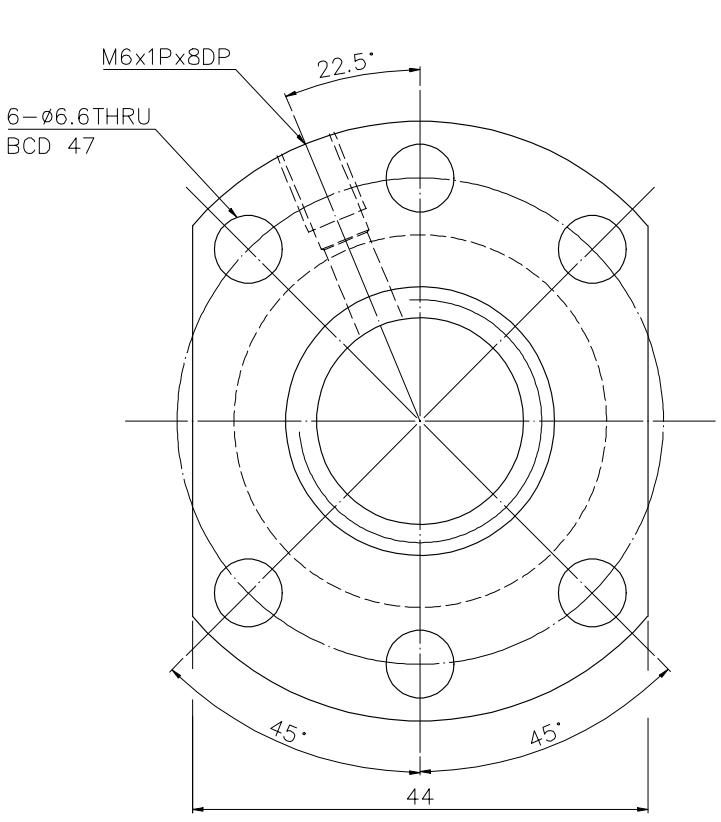
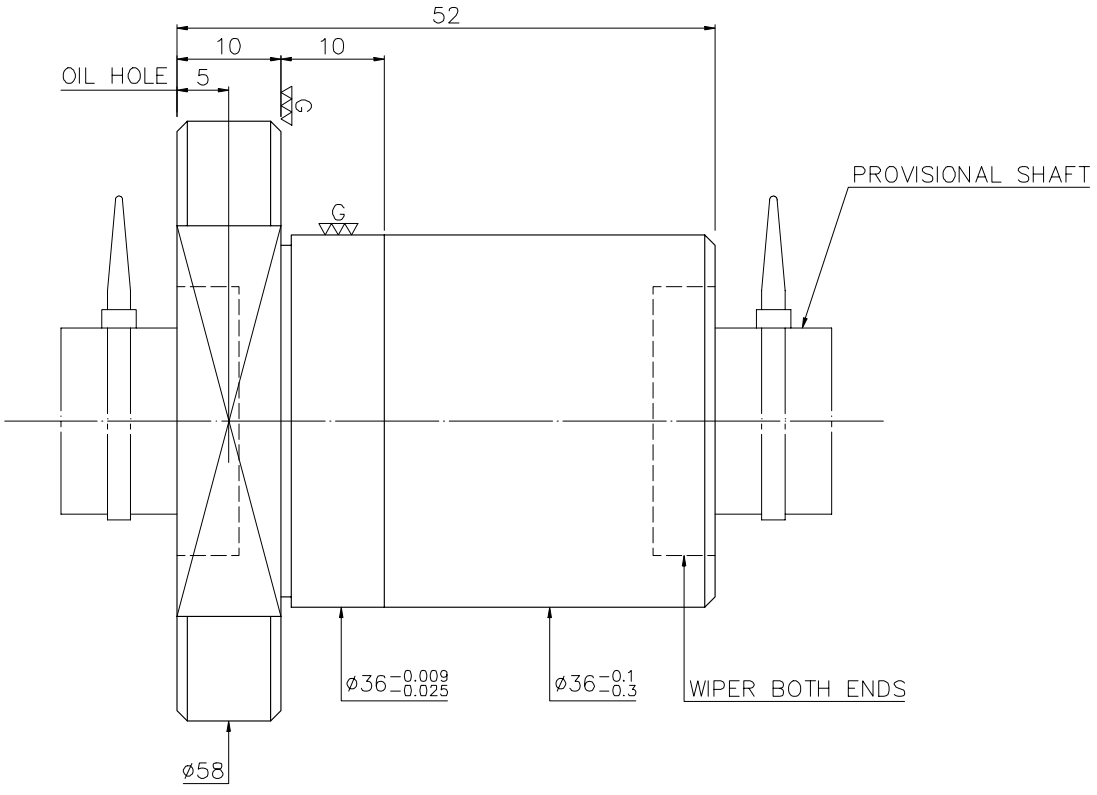
A114A9A4 | Released by HIWIN design group.





NOTE: 1.Steel ball tolerance must be in the range of −0.0025 , −0.015
2.DIN 69051 part 5 form B TYPE 1.

SPEC: R20−5T4−FSI

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	4.51
				DYNAMIC (kgf)	939
				STATIC (kgf)	1993
				LEAD	5

THREAD LENGTH

E300: ~

UNCHAMFERED USE □R0.5 ■R1 □R

ROUGH M/C	FIN M/C	GRD
25a	6.3a	0.4a

SCALE 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	±0.3	±0.4	±0.5	±0.8	±1.0	±1.5

MATAL: SH: ROLLED / NT: SNCM220/SCM415

THREAD BALL TRACK HRC 56 ~ 62

DATE 2007.07.16 | DWG JANET | APPD MICHELLE | PROCESS NO. G

CUSTR H−CHICAGO

DWG.NO. A114A9A4

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
2007.07.16	MOD.⚠1	MICHELLE

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