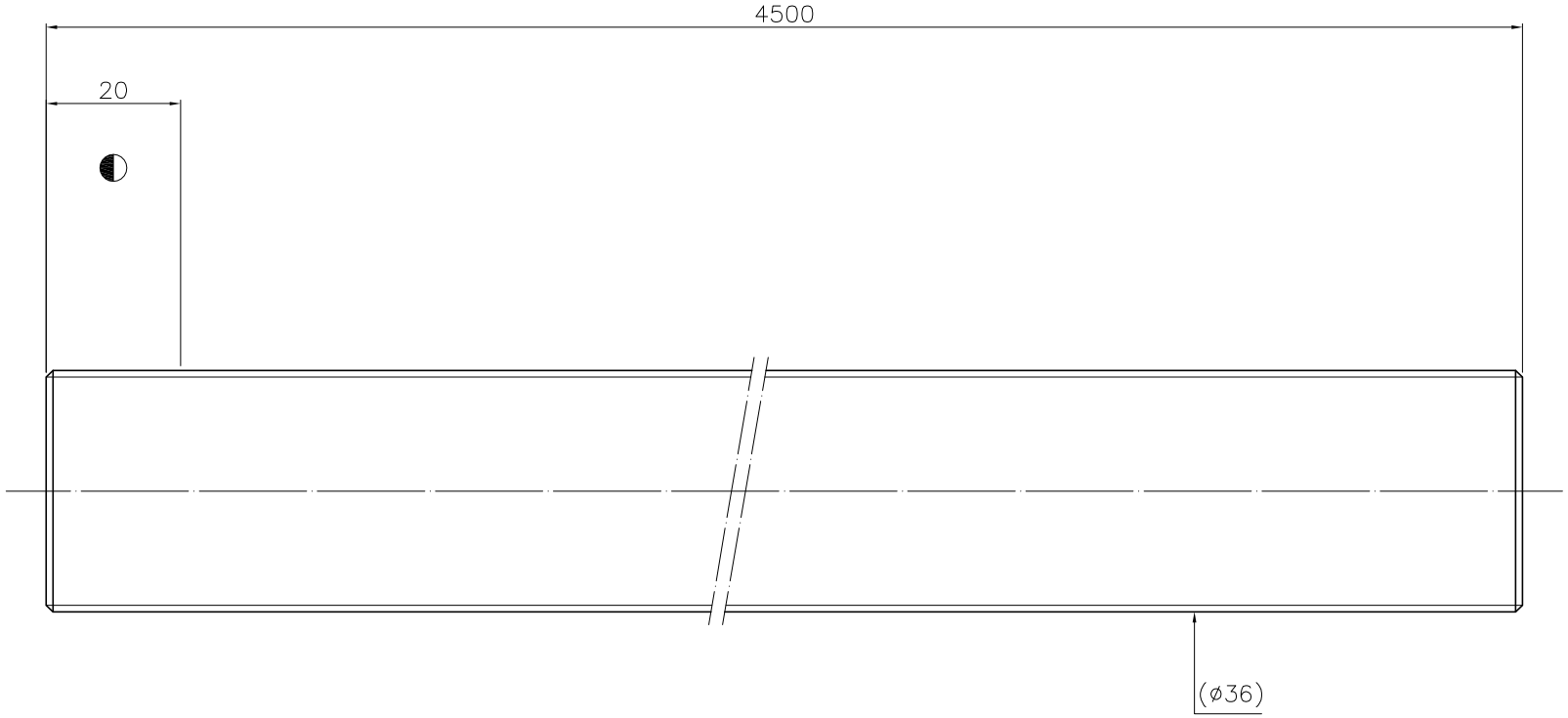
A1251ZA1

Released by HIWIN design group.



PRELOAD(kgf)	~
R.D.	31.407
S.F. (kgf)	~
DRAG TORQUE(kgf-cm)	~
DIRECTION OF TURN	R
P.C. DIA.	36.275
BALL DIA.	4.763
BACKLASH	~
CIRCUIT	~
LEAD ANGLE	17.53
DYNAMIC (kgf)	~
STATIC (kgf)	~
LEAD/PITCH	36/9

SPEC: 4R36-36-4500-4500-0.05

MAX. AXIAL LOAD(kgf)		LUBRICATION	
MAX. ROTATIONAL SPEED (rpm)		SPACE BALL	
DN VALUE		E1 TYPE ASSEMBLY METHOD	
MAX. FEED RATE(m/min)		CUSTOMER DRAWING NO.	
ACCELERATION(m/sec²)		CUSTOMER MC TYPE	
SUPPORT METHOD		CUSTOMER AXIAL TYPE	

THREAD LENGTH

+ 0 −

T_p $+e_p$ $-e_p$

V_{300p}: 0.05

ep: 0.75

UNCHAMFERED USE ☐C0.5 ■C1 ☐C

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

NORMAL TOLERANCE 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

HIWIN® BALLSCREWS

MAT.	SH: CF53/Equivalent	DATE	2012.04.30
	NT: SNCM220/Equivalent	DWG	Michelle
THREAD BALL TRACK HRC 56 ~ 62		CHK	Cody
		APPD	Jamin
CUSTR	HIWIN STD.		
DWG.NO.	A1251ZA1		

*BREAK SHARP EDGE UNLESS OTHER SPECIFIED.
*未畫倒角者去毛邊 (C0.2MAX)

◐ THREAD END ALLOWS ABOVE LENGTH OUT OF HARDNESS TOLERANCE

DATE	MODIFICATION	APPROVED

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