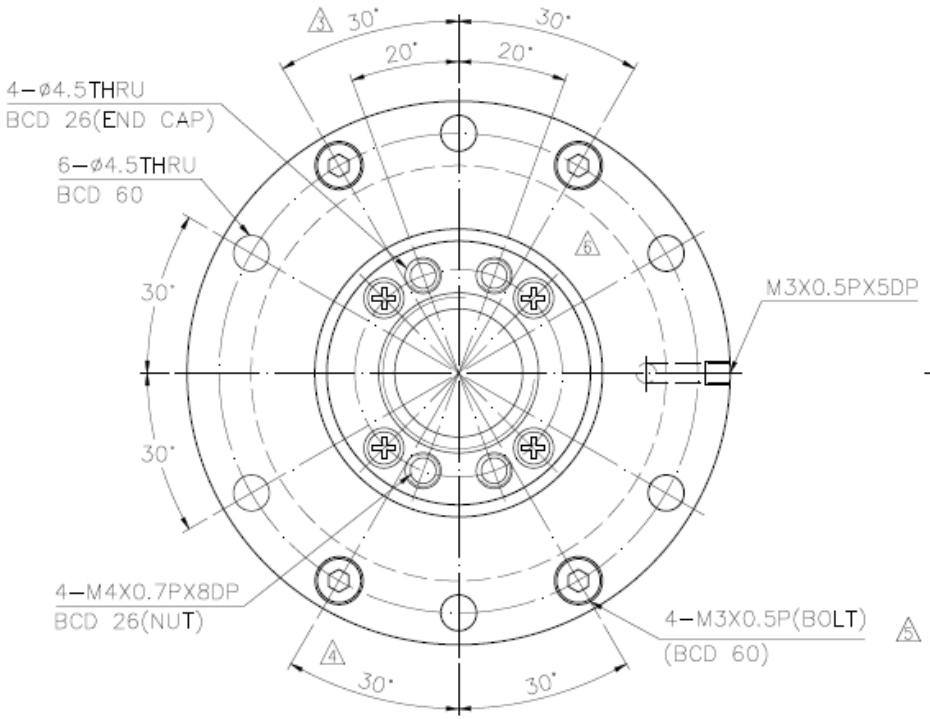
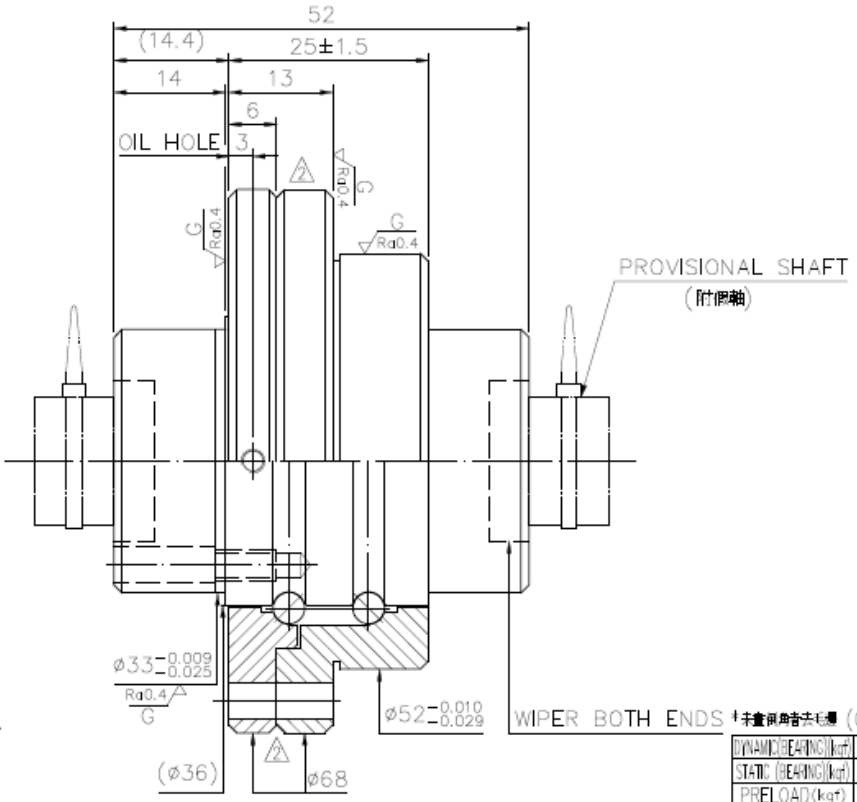
A10P5CA3 | More Confidential





SPEC: 4R16−16S2−DFSHR1

MAX. AXIAL LOAD (kgf)		LUBRICATION		DYNAMIC (BEARING) (kgf)	1299
MAX. ROTATIONAL SPEED (rpm)		SPACE BALL		STATIC (BEARING) (kgf)	1826
DN VALUE		E1 TYPE ASSEMBLY NO.		PRELOAD (kgf)	~
MAX. FEED RATE (m/min)		CUSTOMER DRAWING NO.		R.D.	~
ACCELERATION (m/sec²)		CUSTOMER MC TYPE		S.F. (kgf)	
SUPPORT METHOD		CUSTOMER AXIAL TYPE		DRAG TORQUE (kgf-cm)	
				DIRECTION OF TURN	R
				P.C. DIA.	16.62
				BALL DIA.	3.175
				BACKLASH	0.04MAX
				CIRCUIT	1.8*2
				LEAD ANGLE	17.04
				DYNAMIC (kgf)	708
				STATIC (kgf)	1382
				LEAD/PITCH	16/8

THREAD LENGTH

UNCHAMFERED USE ■C0.5 □C1 □C

ROUGH M/C FIN M/C GRD SCALE 1:X

Ra25 Ra6.3 Ra0.4

NORMAL TOLERANCE mm

0.5 TO 6	6 TO 30	30 TO 120	120 TO 300	300 TO 600	600 TO 1200	1200 TO 2400	OVER 2400
±0.1	±0.2	±0.3	±0.4	±0.5	±0.6	±1.0	±1.5

HIWIN® BALLSCREWS

MAT.	SHROLLED INT:SNCM220/Equivalent	DATE	2010.12.21
	THREAD BALL TRACK HRC 56 ~ 62	DWG	Jiabin
		CHK	Nick
		APPD	Cody
CUSTR	H-CHICAGO		
DWG.NO.	A10P5CA3		

DATE	MODIFICATION	APPROVED
2018.01.18	MOD. 6~10	Melanie
2010.12.21	MOD. 2~5	Cody
2007.05.09	MOD. 1	Michelle

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

*BREAK SHARP EDGE UNLESS OTHER SPECIFIED.
*未畫與尚未去毛邊 (C0.2MAX)

THREAD END ALLOWS ABOVE LENGTH OUT OF HARDNESS TOLERANCE

√300p: ~

ep: ~