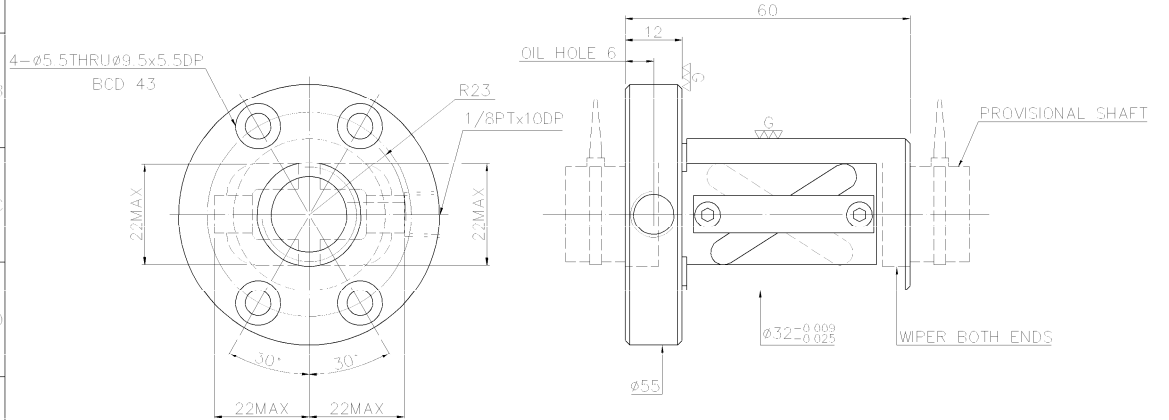
A114AVA4 | Released by HIWIN design group



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

SPEC: 2R16-16A2-DFSV

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

PRELOAD (kgf)	−
R.D	−
S.F (kgf)	
DRAG TORQUE (kgf-cm)	
DIRECTION OF TURN	R
PC DIA	16.62
BALL DIA.	3.175
BACKLASH ⚠1	0.03MAX
CIRCUIT	1.5*2
LEAD ANGLE	17.04
DYNAMIC (kgf)	704
STATIC (kgf)	1376
LEAD /TITCH	16/3

THREAD LENGTH

UNCHAMFERED USE ☐R0.5 ■R1 ☐R

RANGE MAX.	MIN.	M/C	GRD.
250	6.50	0.40	
2	100	999	

SCALE 1 : X

UNIT:G, O/MIN mm

DR	N	30	120	500	1000	1200	POWER
	G	30	120	500	1000	1200	POWER
		±0.1	±0.2	±0.3	±0.4	±0.5	±0.6	±1.0	±1.5

E300 −

MATAL: SH: ROLLED | DATE: 2007.07.16
NT: SNCM220/SCM415 | DWG: JANET
THREAD BALL TRACK HRC 56 ~ 62 | APPD: Michelle | PROVES: WI | G

CUSTR: H-CHICAGO

DWG.NO: A114AVA4

HIWIN ® BALLSCREWS

DATE	MODIFICATION	APPROVED
2007.07.16	⚠1 MOD.	Michelle

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

*BREW SHARP EDGE UNLESS OTHER SPECIFIED
*未重新倒角處以R0.5MAX

THREAD END ALLOW ABOVE LENGTH OUT OF HARDNESS TOLERANCE