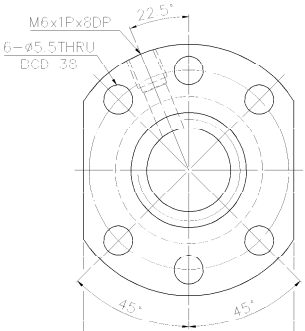
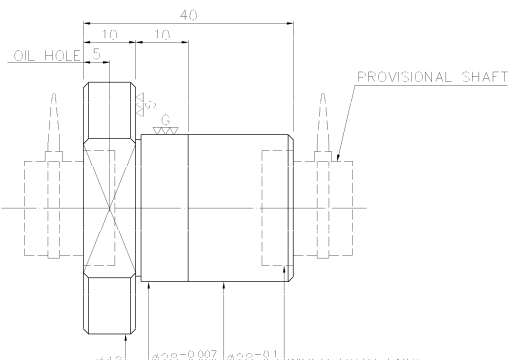
A114IEA3 | Released by HIWIN design group





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: R16-5T3-FSI

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

PRELOAD(kgf)	~
R.D	~
S.F (kgf)	~~~~~
DRAG TORQUE(kgf-m)	~~~~~
DIRECTION OF TURN	R
PC DIA.	16.175
BALL DIA	3.175
BACKLASH △	0.03MAX
CIRCUIT	3
LEAD ANGLE	5.62
DYNAMIC (kgf)	664
STATIC (kgf)	1195
LEAD	5

THREAD LENGTH

E300 ~

UNCHAMFERED USE ☐R0.5 ■R1 ☐R
WORK MACHIN. M/C GRD. 6.3 1.6 0.4 SCALE 1:X

UNTOL DIMN mm

UP	~	30	120	300	600	1200	OVER
3	30	120	315	1000	2000	4000	4000
±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	
CUSTR	H-CHICAGO
DWG NO	A114IEA3
DATE	2007.07.16
DWG	JANET
APPD	MICHELLE
PROCESS NO.	G

HIWIN® BALLSCREWS

*NEW CHAMFERED ENDS, OTHER SPECIFICATIONS ARE THE SAME AS THE PREVIOUS ONE.
*未畫倒角者皆為C0.5MAX

THREAD END ALLOWS ABOVE LENGTH OUT OF HARDNESS TOLERANCE

DATE	MODIFICATION	APPROVED
2007.07.16	MOD△	MICHELLE

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