

Fig1. MEASURING METHOD

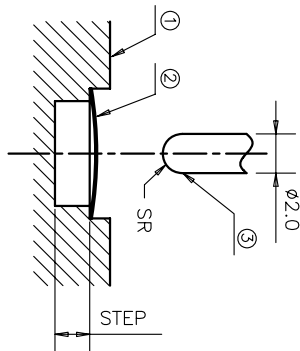


Fig2. OPERATING PERFORMANCE

NOTES:
 1. ALL THE OPERATING PERFORMANCE SPEC. IN BELLOW TABLE SHOULD BE MET. THE MEASURE METHOD IS SHOWN AS FIG.1. OPERATE THE DOME 10 TIMES BEFORE MEASURING.

REV	ECON NO.	APPD
A	HC060009	ZO
B	HC060033	ZO
C	HC100168	ZO
D	HC110001	ZO
E	HC140005	ZO
F	HC160002	ZO

F_p : PEAK FORCE
 F_r : RETURN FORCE
 $T1$: CONTACT POINT
 $T2$: BUTTON POINT
 $C/R=(F_p - F_r)/F_p *100\%$
 REMARK:
 1. T2 TESTED WHEN THE SETP IS DEEP ENOUGH TO NOT CONTACT WITH DOME DURING MEASURING.
 $2. T1 < T2$

- 1) TEST SPEED : 120 SPM
- 2) TEST FORCE : F_p
- 3) MATERIAL : ALUMINUM.
2. OBVIOUS BURR, SCRATCHES, CRACKES IS FORBIDDEN.
3. DIMENSIONS MARKED ∇ SHOULD BE CHECKED BY O.C. AND P.E.
4. DIMENSIONING SHALL BE INTERPRETED PER ANSI Y14.5M-1982.
5. HARMFUL MATERIAL CONTROL PLEASE FOLLOW DOC: "HY-QW-02"
6. PART PERFORMANCE TABLE ∇

PART NAME	D	H	P.F(gf)	C/R(%)
600-5***-****	$\phi 5^{+0.05}$	0.25 ± 0.05	CP±15	C/R±10
600-C***-****	$\phi 4.5^{+0.05}$	0.22 ± 0.05	CP±15	C/R±10
600-4***-****	$\phi 4^{+0.05}$	0.2 ± 0.05	CP±15	C/R±10
600-B***-****	$\phi 3.5^{+0.05}$	0.18 ± 0.05	CP±15	C/R±10
600-3***-****	$\phi 3^{+0.05}$	0.16 ± 0.05	CP±15	C/R±10
600-L***-****	$\phi 2.92^{+0.02}$	0.15 ± 0.05	CP±15	C/R±10
600-J***-****	$\phi 2.9^{+0.05}$	0.15 ± 0.05	CP±15	C/R±10
600-K***-****	$\phi 2.85^{+0.02}$	0.15 ± 0.05	CP±15	C/R±10
600-A***-****	$\phi 2.5^{+0.05}$	0.15 ± 0.05	CP±15	C/R±10
600-D***-****	$\phi 2.2^{+0.05}$	0.15 ± 0.05	CP±15	C/R±10
600-2***-****	$\phi 2.0^{+0.05}$	0.15 ± 0.05	CP±15	C/R±10

TYPE:	DIMPLE:	D:	C/R:	STEP:	MATERIAL:	CP:
601111	01345	2= $\phi 2.0$ mm 3= $\phi 3.0$ mm 4= $\phi 4.0$ mm 5= $\phi 5.0$ mm 6= $\phi 6.0$ mm A= $\phi 2.5$ mm B= $\phi 3.5$ mm C= $\phi 4.5$ mm D= $\phi 2.2$ mm	0=60% 1=65% 2=55% 3=45% 4=35% 5=25% 6=15%	0=0.00mm 1=0.01mm 2=0.02mm 3=0.03mm 4=0.04mm 5=0.05mm 6=0.06mm 7=0.07mm 8=0.08mm 9=0.09mm A=0.10mm	0=Ni-SUS 1=Ni-SUS S=Ag-SUS 1=PB	060=060gf 080=080gf 100=100gf 130=130gf 160=160gf 180=180gf 200=200gf 250=250gf
圆形	ND	E= $\phi 2.3$ mm F= $\phi 2.4$ mm G= $\phi 2.7$ mm H= $\phi 2.8$ mm J= $\phi 2.9$ mm K= $\phi 2.85$ mm L= $\phi 2.92$ mm	1=65% 2=55% 3=45% 4=35% 5=25% 6=15%	1=0.01mm 2=0.02mm 3=0.03mm 4=0.04mm 5=0.05mm 6=0.06mm 7=0.07mm 8=0.08mm 9=0.09mm A=0.10mm	0=Ni-SUS 1=Ni-SUS S=Ag-SUS 1=PB	060=060gf 080=080gf 100=100gf 130=130gf 160=160gf 180=180gf 200=200gf 250=250gf

X ± 0.2	X' ± 3'	UNITS	FINISH	NAME(INTENDED USE)	APPD:	DWG NO.:
.XX ± 0.05	.XX' ± 1'	MM	.XXX ± 0.05	METAL DOME FOR TACT SWITCH	ZO 3/18/2014	600-0000-000
.XX ± 0.1	.X' ± 2'	MATL	.XXX ± 0.5			

HON YUAN
 HON YUAN PRECISION IND. CO.,LTD.
 SHENZHEN, CHINA, R.O.C.

TITLE: DOME CUSTOMER DRAWING

600-0000-000

SCALE	SHEET	REV.
1/1	1/5	F