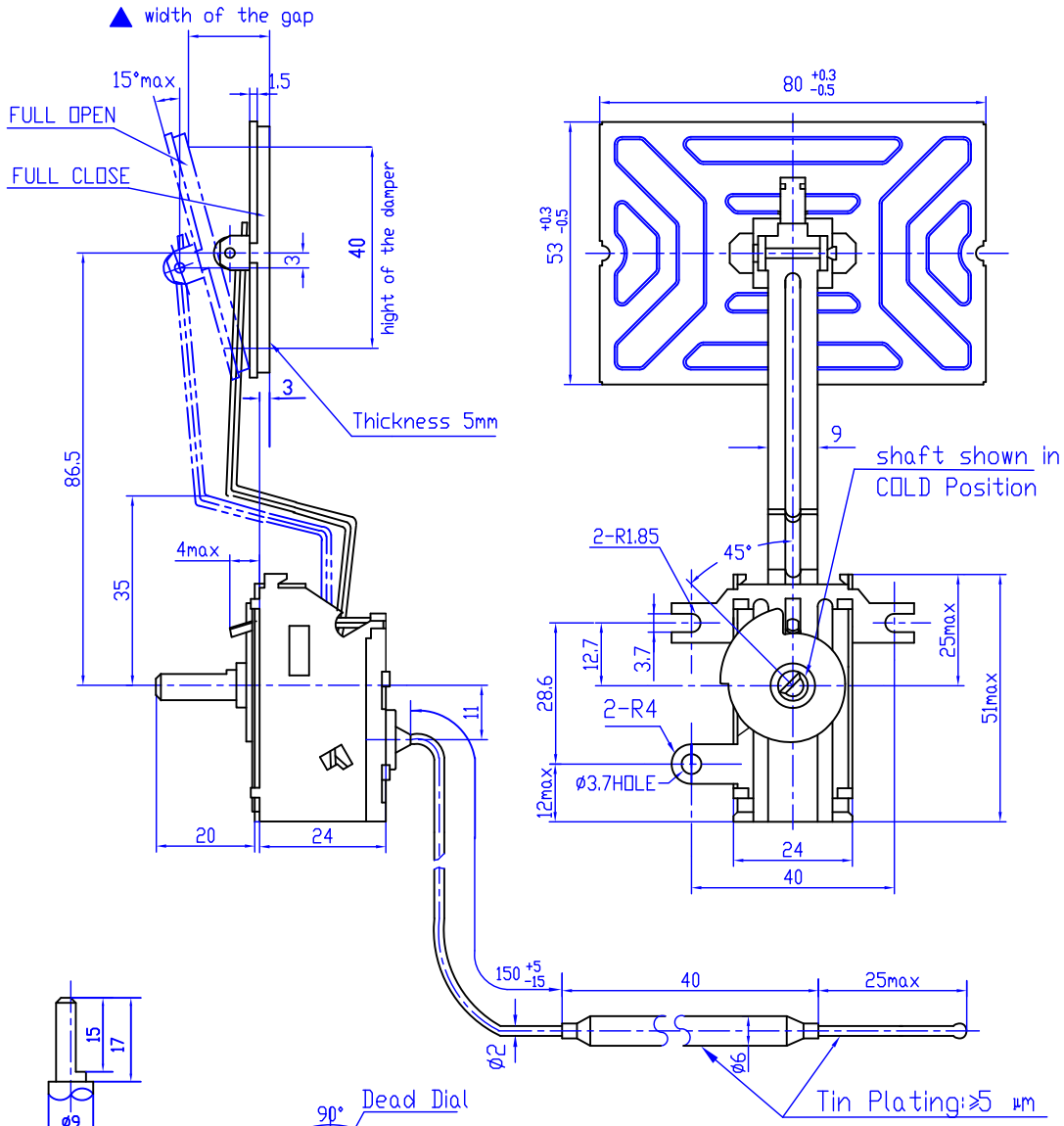
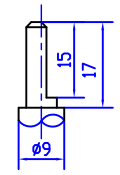
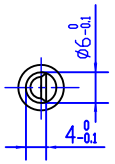
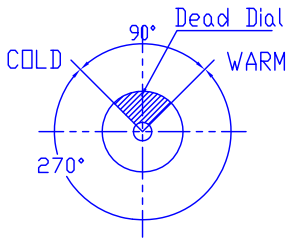


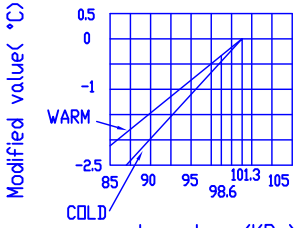


Adjusting shaft





Rotating Angle



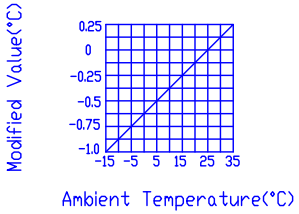
Barometer Compensation Chart

Operating Temperature		COLD(max)	NORMAL	WARM(min)
740mmHg	FULL OPEN (°C)	5±2.5	———	19±2.5
	FULL CLOSE(°C)	-17±2	———	-1±1.5
760mmHg	FULL OPEN (°C)	5.4±2.5	———	19.3±2.5
	FULL CLOSE(°C)	-16.6±2	———	-0.7±1.5

1. Storke :(width from Full Open to Full Close) 27±2.5mm.
2. The second testing temp is taken as an accurate value.
3. All temperature settings are at 25°C ambient tem-Perature and 101.3 KPa atmosphere.

Execution standard	GB/T22688
Kind of charge	CHARCOAL
Conditions of Operating Temp.	TS ≧ TB TS: Temperature Around the Main Frame TB: Temperature around the Sensing Element
Response Characteristic of Sensing Element	Testing medium: Liquid Temp. change rate: ≤ 0.5°C/min
Max. Temperature	Around the Main Frame: 70°C Around the Sensing Element :55°C
life of stroke	100,000 cycles
Rotating Moment of Adjusting shaft	COLD —— WARM 0.02-0.35N.m

Remarks :1. The calibration is made at the horizontal shaft and the vertical damper.
2. When the damper plate closed any edge of plate must be within 1.5mm.
3. Before delivery, the shaft at WARM position.
4. Ambient Compensation chart (10°C changing of ambient temperature, modidfied 0.25°C.)



For example: When the ambient temperature is 5°C and the temperature setting is -16.5°C, modified value is -0.5°C. Thus, the operating temperature at 25°C ambient temperature is converted into :

(-16.5°c)+(-0.5°c)=-17°c

A01.1			
版 本	更改单号	签名	日期
设 计	谭伟力		2017-05-24
校 对			
审 核	卢伟成		2017-05-25
工 艺			
批 准	朱裕君		2017-05-25

Damper Type Thermostat

WIRING DIAGRAM RoHS

WMF17J-709-400

图样标记	数量	重量(公斤)	比 例
S			

第 张 共 张

FOSHAN TONGBAO HUATONG CONTRPLLER CO., LTD

旧底图总号	
底图总号	
日期	签字