

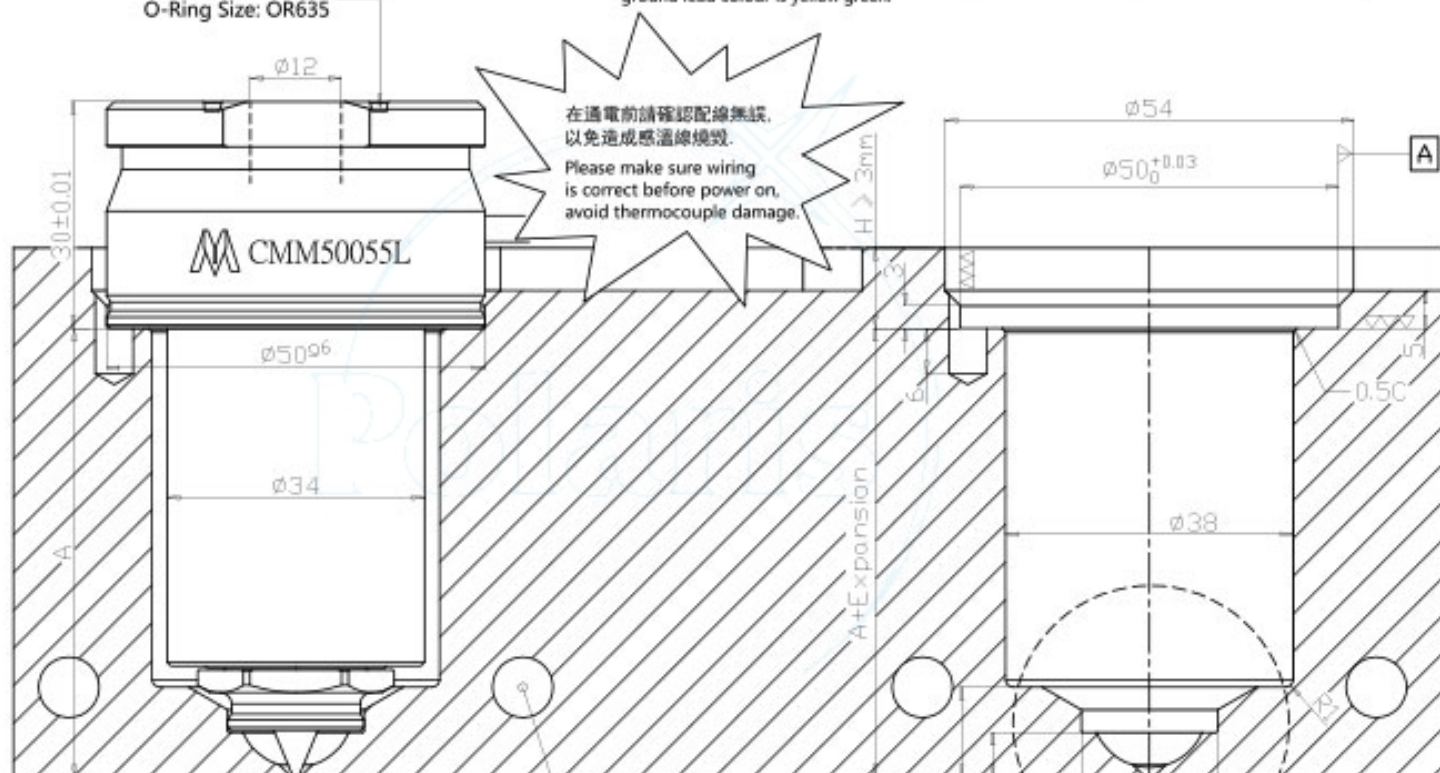


密封環規格: OR635
O-Ring Size: OR635

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列灌嘴長度亦可依模具設計 提供客製品, 相關產品圖面需求 請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50055L	55	CH-24055CY	550	
CMM50070L	70	CH-24055CY	550	
CMM50085L	85	CH-24062CY	620	
CMM50100L	100	CH-24062CY	620	
CMM50115L	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.

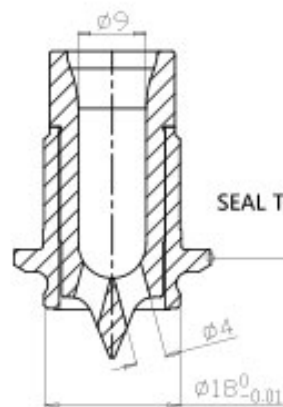


冷却水路
Cooling Circuit

灌嘴熱膨脹量參考表

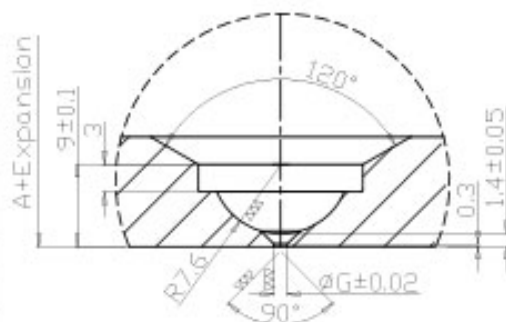
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35



SEAL TORQUE: 880kgf/cm
(86N.m)

23



Expansion = Nozzle Length(A) x 0.0000132 x (Nozzle temp - Mold temp)

For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 x 0.0000132 x (250 - 20)
= 0.17mm

請注意/Note:

滴口G大小範圍從1.5~4.0mm, 尺寸依
成型材質及成品厚度來決定。

G dimension selection from
1.5~4.0mm, the final size should be
determined by application.

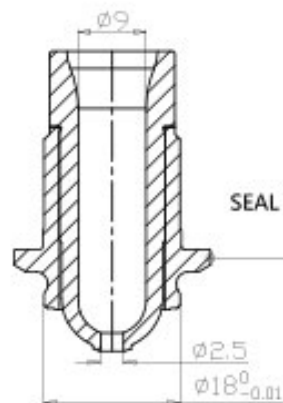
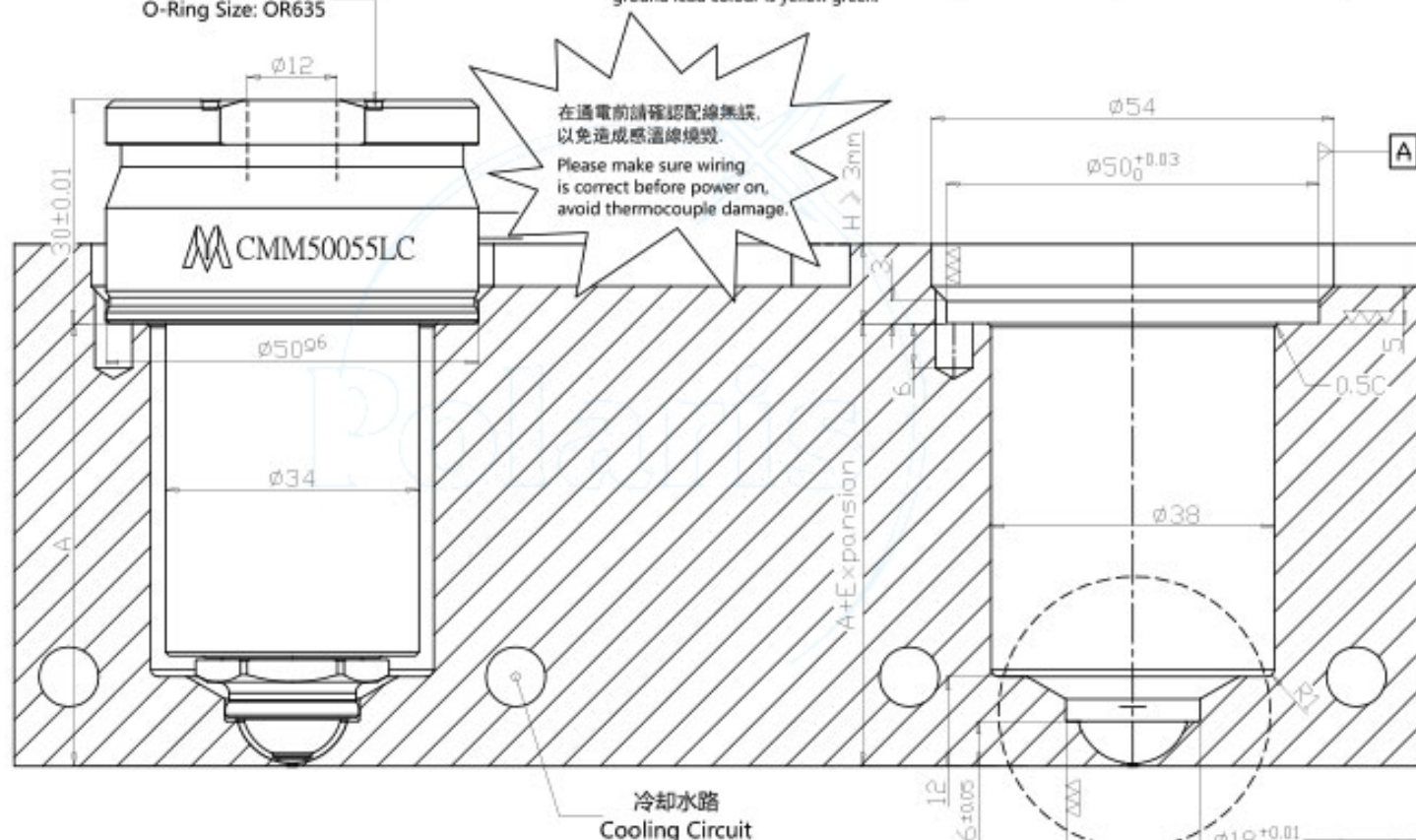


密封環規格: OR635
O-Ring Size: OR635

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列灌嘴長度亦可依模具設計 提供客製品, 相關產品圖面需求 請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50055LC	55	CH-24055CY	550	
CMM50070LC	70	CH-24055CY	550	
CMM50085LC	85	CH-24062CY	620	
CMM50100LC	100	CH-24062CY	620	
CMM50115LC	115	CH-24070CY	700	

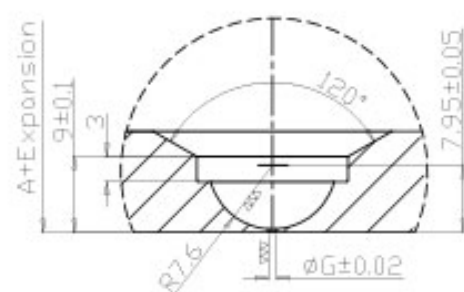
請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



灌嘴熱膨脹量參考表
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35



Expansion = Nozzle Length(A) x 0.0000132 x (Nozzle temp - Mold temp)

For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 x 0.0000132 x (250 - 20)
= 0.17mm

請注意/Note:
滴口G大小範圍從1.0~2.5mm, 尺寸依
成型材質及成品厚薄來決定。

G dimension selection from
1.0~2.5mm, the final size should be
determined by application.

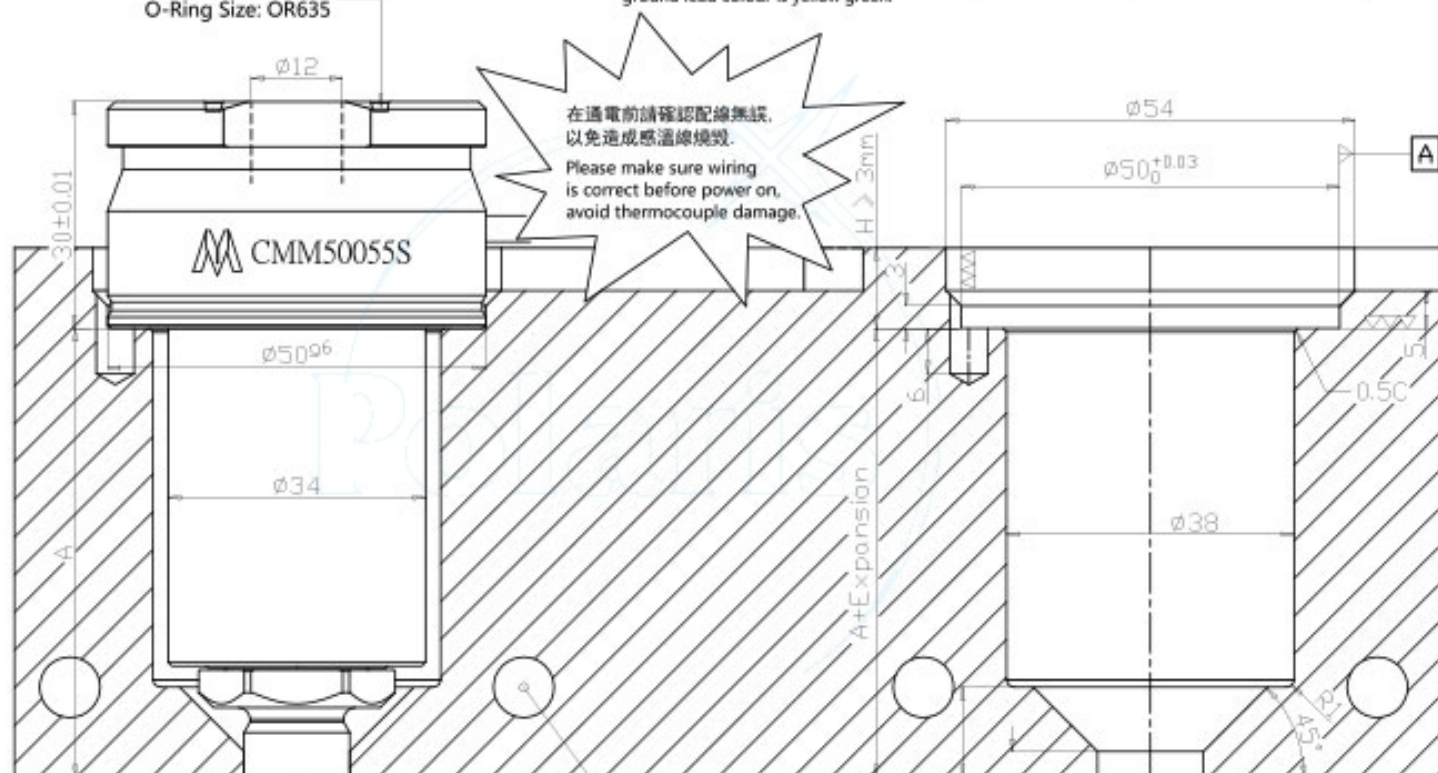


密封環規格: OR635
O-Ring Size: OR635

噴嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列噴嘴長度亦可依模具設計 提供客製品, 相關產品圖面需求 請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50055S	55	CH-24055CY	550	
CMM50070S	70	CH-24055CY	550	
CMM50085S	85	CH-24062CY	620	
CMM50100S	100	CH-24062CY	620	
CMM50115S	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.

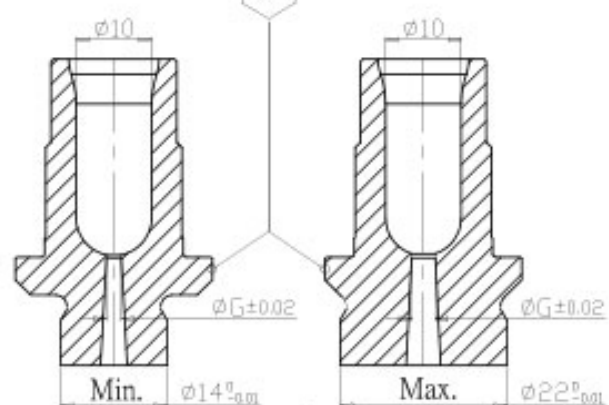


冷却水路
Cooling Circuit

噴嘴熱膨脹量參考表
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 14.0	3.5
Max. 22.0	7.5



Expansion = Nozzle Length(A) × 0.0000132 × (Nozzle temp - Mold temp)

For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 × 0.0000132 × (250 - 20)
= 0.17mm

請注意/Note:
滴口G大小範圍從2.0~4.0mm, 尺寸依
成型材質及成品厚薄來決定。
G dimension selection from
2.0~4.0mm, the final size should be
determined by application.

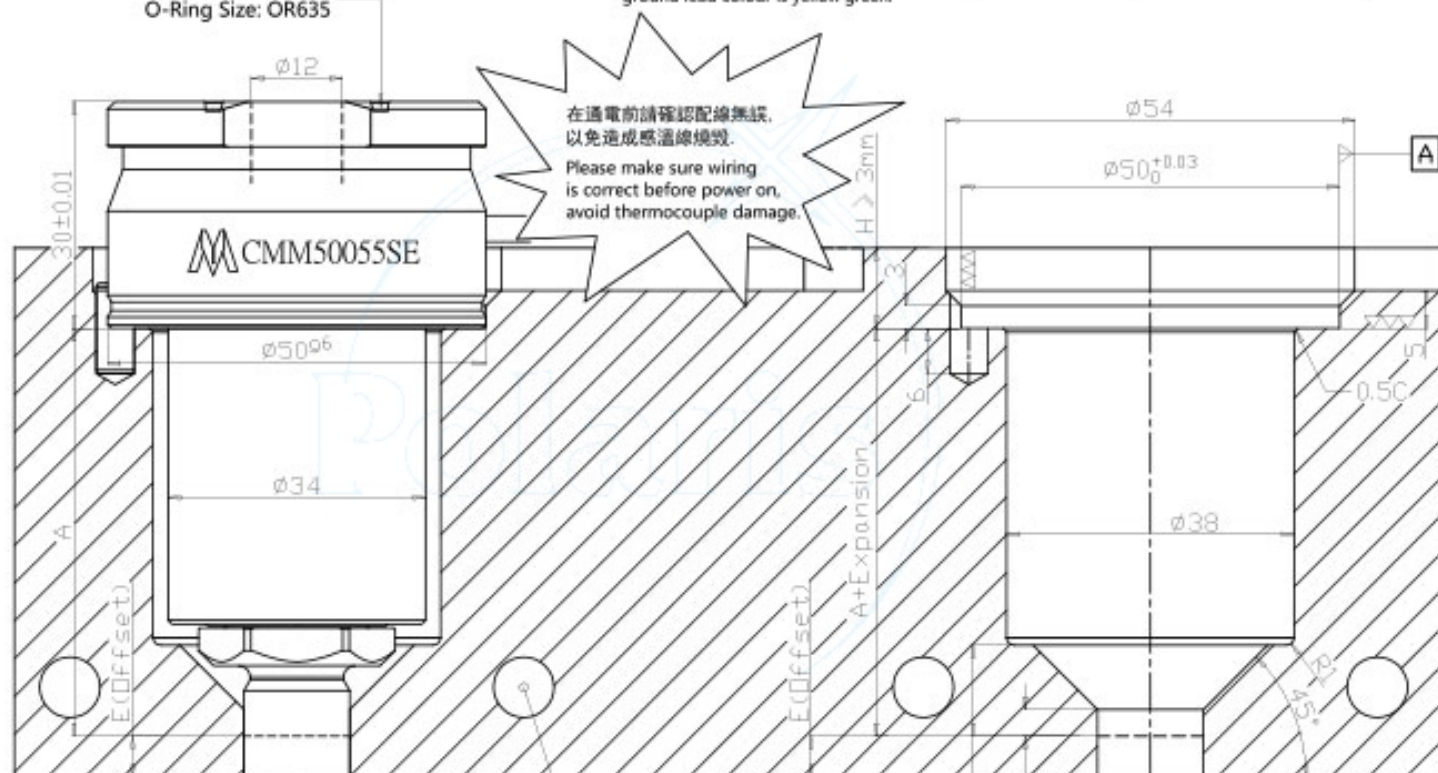


密封環規格: OR635
O-Ring Size: OR635

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列灌嘴長度亦可依模具設計 提供客製品, 相關產品圖面需求 請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50055SE	55	CH-24055CY	550	
CMM50070SE	70	CH-24055CY	550	
CMM50085SE	85	CH-24062CY	620	
CMM50100SE	100	CH-24062CY	620	
CMM50115SE	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



SEAL TORQUE: 1600kgf/cm
(156N.m)

冷却水路
Cooling Circuit

灌嘴熱膨脹參考表
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 14.0	3.5
Max. 22.0	7.5

請注意/Note:

E尺寸可依客戶模具需求訂制合適的長度尺寸。

Dimension E can be customized by customer demand.

Expansion = Nozzle Length(A) × 0.0000132 × (Nozzle temp - Mold temp)

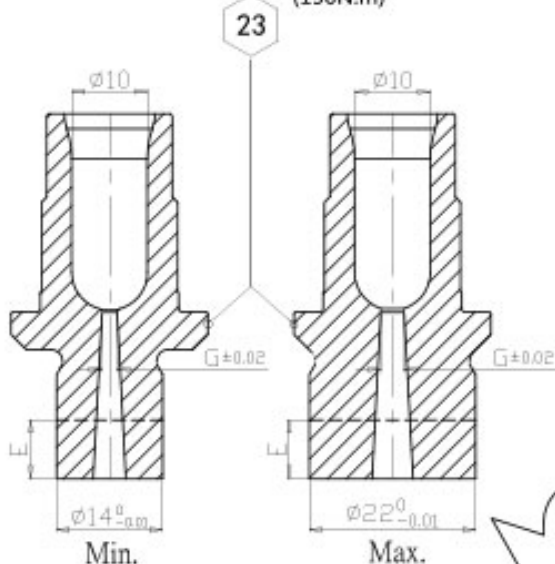
For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 × 0.0000132 × (250 - 20)
= 0.17mm

請注意/Note:

澆口G大小範圍從2.0~4.0mm, 尺寸依成型材質及成品厚薄來決定。

G dimension selection from 2.0~4.0mm, the final size should be determined by application.



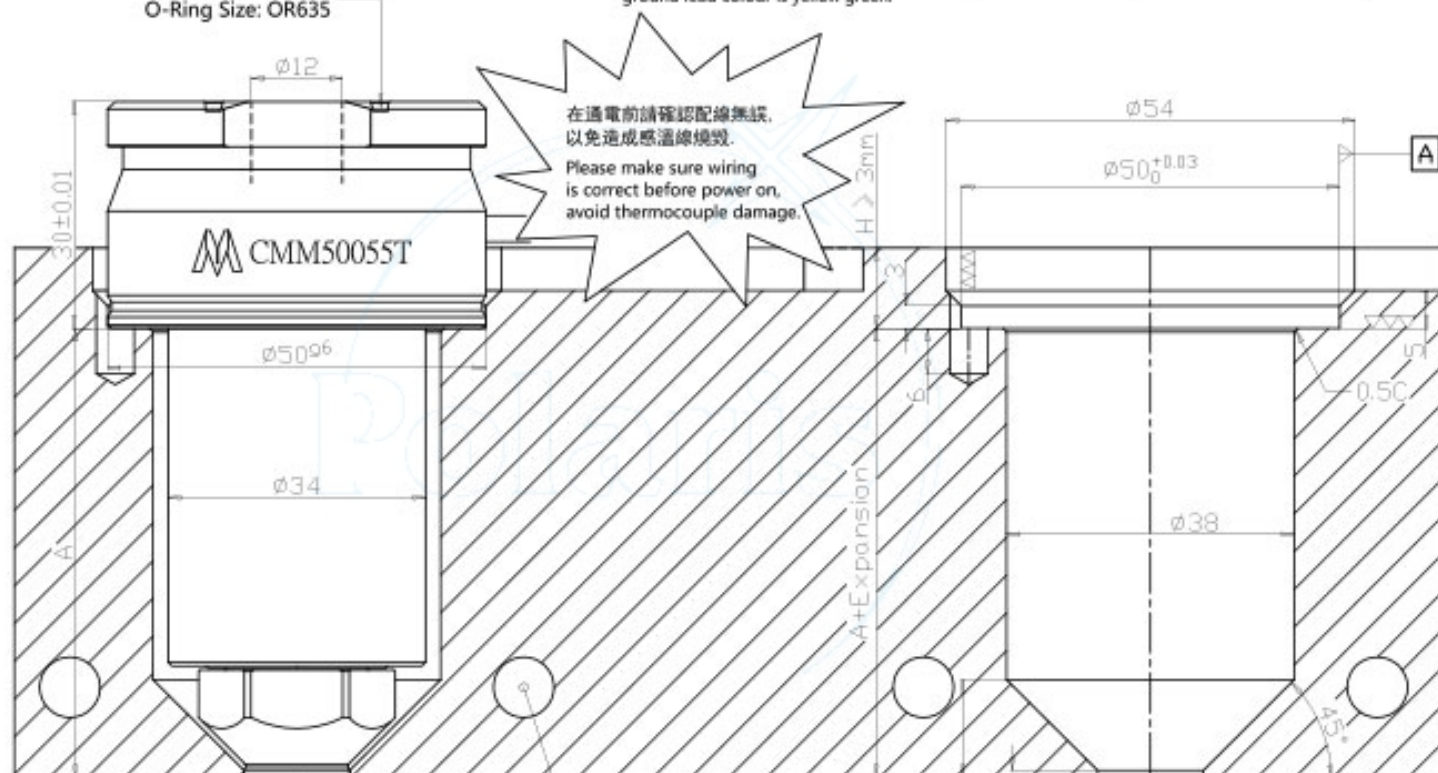


密封環規格: OR635
O-Ring Size: OR635

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列灌嘴長度亦可依模具設計 提供客製品, 相關產品圖面需求 請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50055T	55	CH-24055CY	550	
CMM50070T	70	CH-24055CY	550	
CMM50085T	85	CH-24062CY	620	
CMM50100T	100	CH-24062CY	620	
CMM50115T	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



SEAL TORQUE: 880kgf/cm
(86N.m)

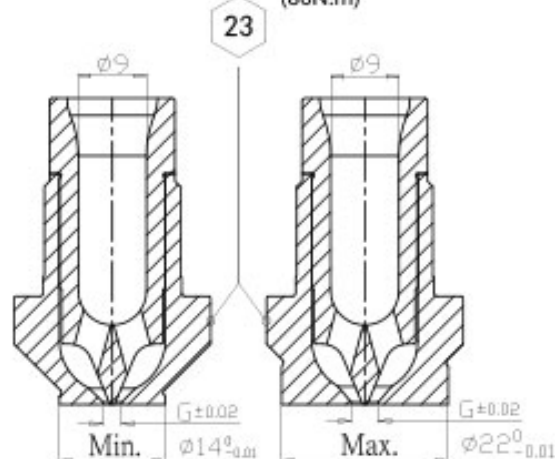
冷却水路
Cooling Circuit

灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 14.0	1.0
Max. 22.0	5.0



Expansion = Nozzle Length(A) × 0.0000132 × (Nozzle temp - Mold temp)

For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 × 0.0000132 × (250 - 20)
= 0.17mm

請注意/Note:

澆口G大小範圍從Ø1.5~4.0mm, 尺寸依
成型材質及成品厚薄來決定。

G dimension selection from
Ø1.5~4.0mm, the final size should be
determined by application.

CMM50-Type TC

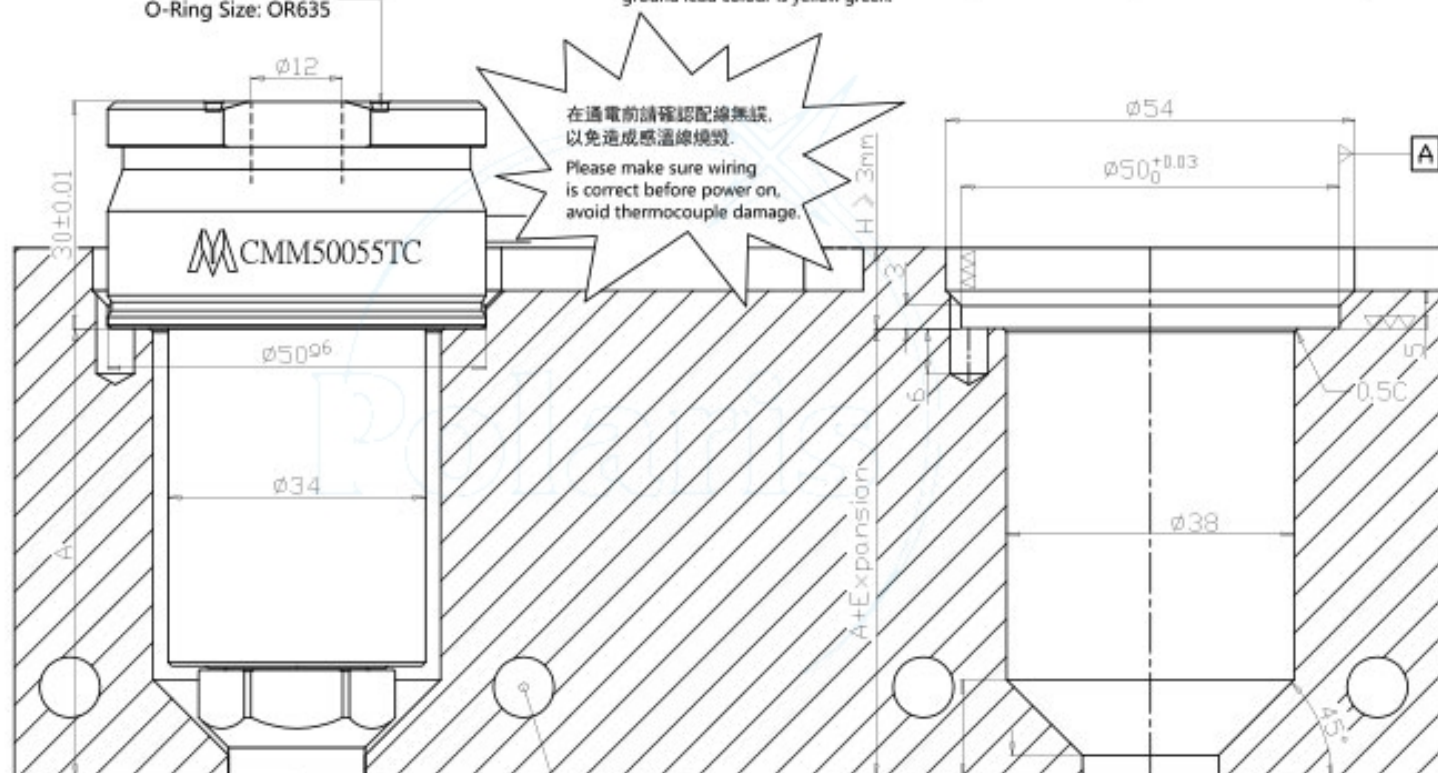


密封環規格: OR635
O-Ring Size: OR635

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列灌嘴長度亦可依模具設計 提供客製品, 相關產品圖面需求 請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50055TC	55	CH-24055CY	550	
CMM50070TC	70	CH-24055CY	550	
CMM50085TC	85	CH-24062CY	620	
CMM50100TC	100	CH-24062CY	620	
CMM50115TC	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



冷却水路
Cooling Circuit

灌嘴熱膨脹參考表
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 18.0	3.0
Max. 22.0	5.0

$$\text{Expansion} = \text{Nozzle Length}(A) \times 0.0000132 \times (\text{Nozzle temp} - \text{Mold temp})$$

For Example,

Nozzle Length=55mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=55x0.0000132x(250-20)
=0.17mm

請注意/Note:
澆口G大小範圍從1.5~2.6mm, 尺寸依
成型材質及成品厚薄來決定。

G dimension selection from
1.5~2.6mm, the final size should be
determined by application.

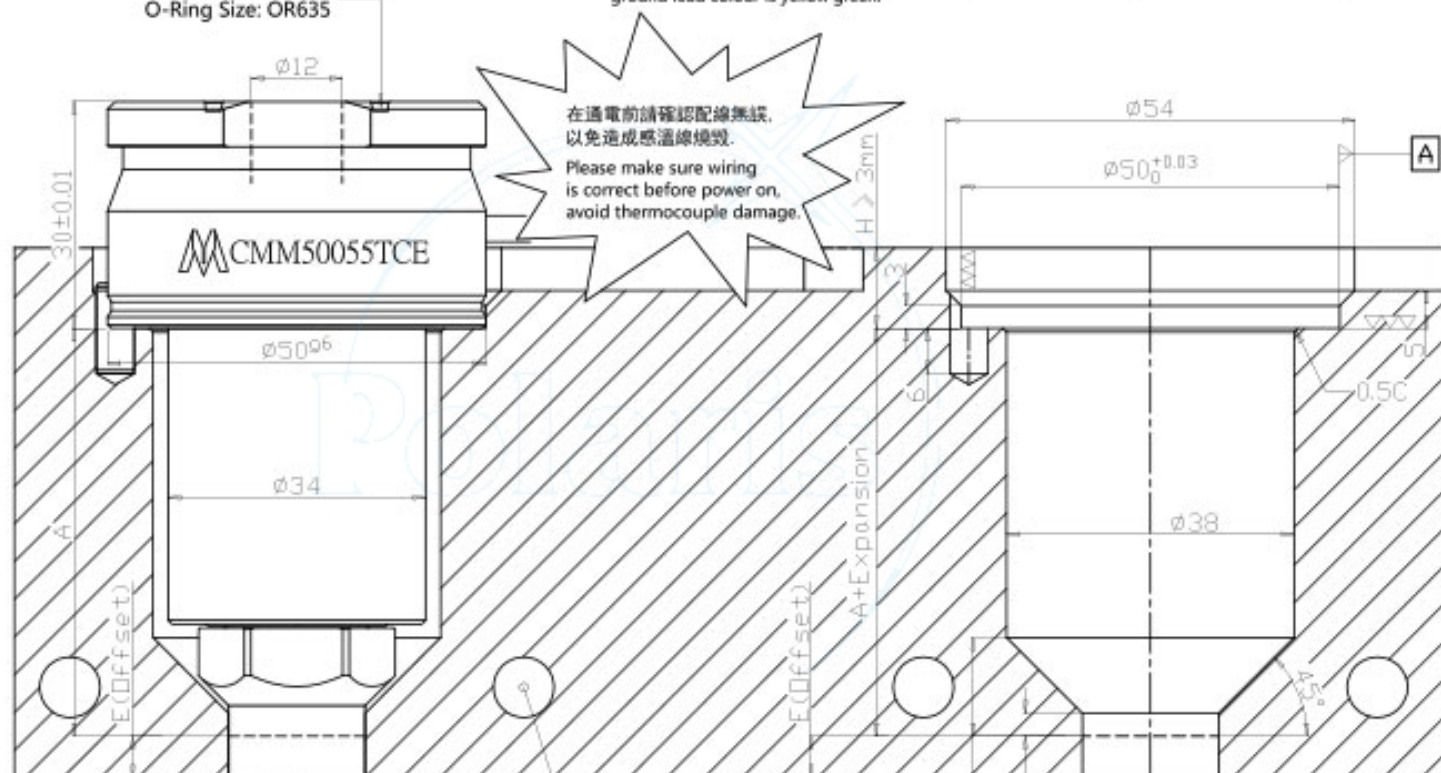


密封環規格: OR635
O-Ring Size: OR635

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列灌嘴長度亦可依模具設計 提供客製品, 相關產品圖面需求 請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50055TCE	55	CH-24055CY	550	
CMM50070TCE	70	CH-24055CY	550	
CMM50085TCE	85	CH-24062CY	620	
CMM50100TCE	100	CH-24062CY	620	
CMM50115TCE	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



冷却水路
Cooling Circuit

SEAL TORQUE: 880kgf/cm
(86N.m)

灌嘴熱膨脹參考表
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 18.0	3.0
Max. 22.0	5.0

請注意/Note:

E尺寸可依據客戶模具需求訂制合適的長度尺寸。

Dimension E can be customized by customer demand.

Expansion = Nozzle Length(A) × 0.0000132 × (Nozzle temp - Mold temp)

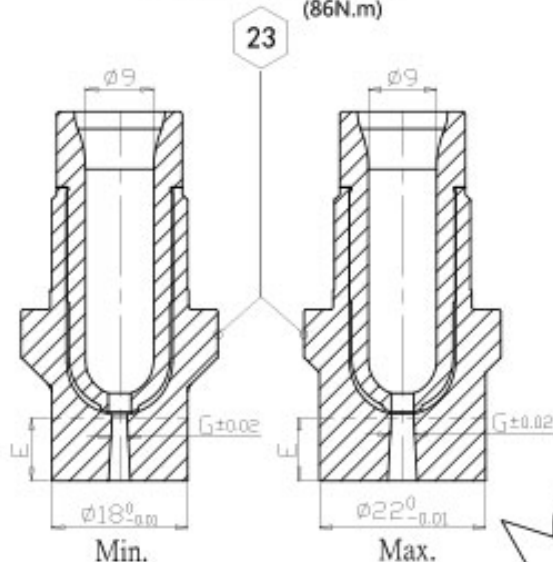
請注意/Note:

澆口G大小範圍從2.0~2.6mm, 尺寸依成型材質及成品厚薄來決定。

G dimension selection from 2.0~2.6mm, the final size should be determined by application.

For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 × 0.0000132 × (250 - 20)
= 0.17mm



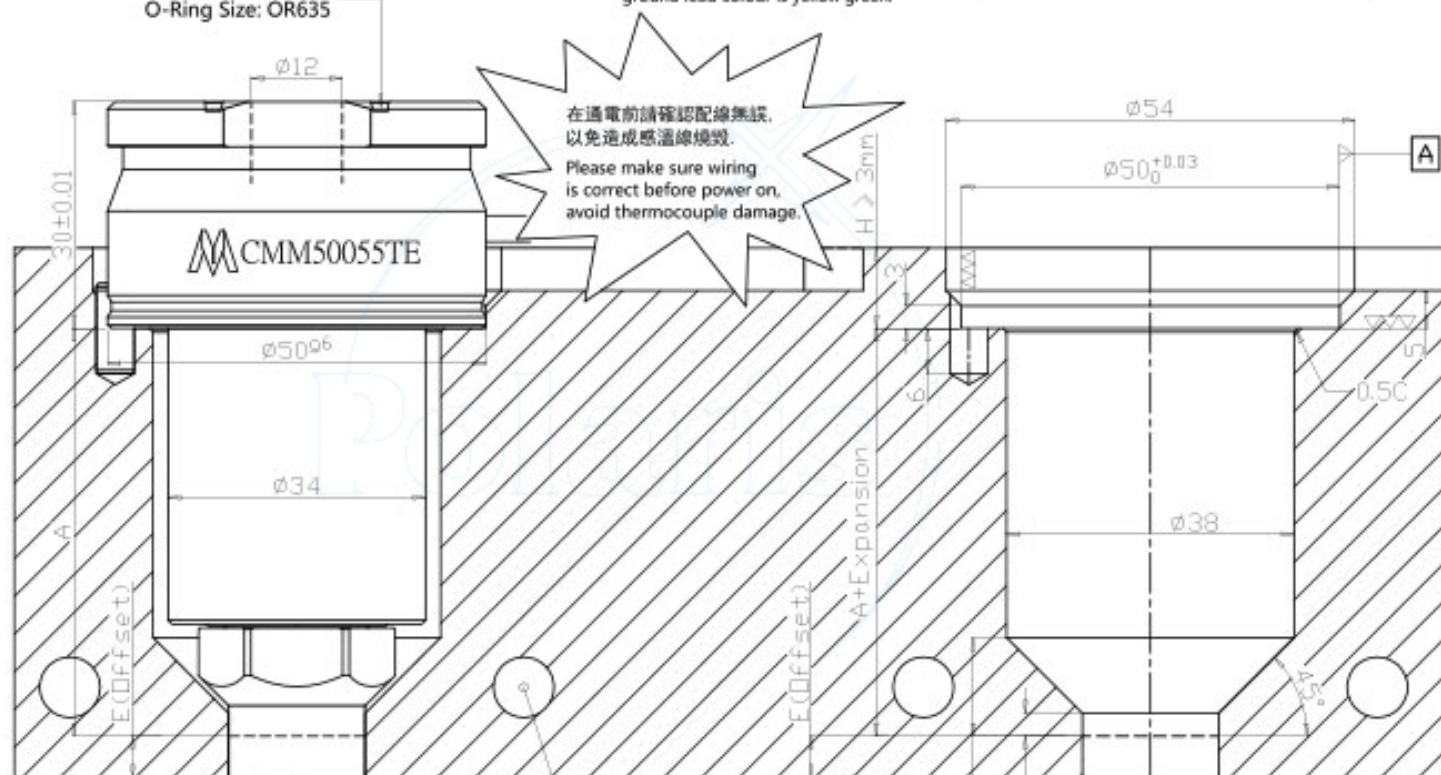


密封環規格: OR635
O-Ring Size: OR635

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	
CMM50055TE	55	CH-24055CY	550	本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢. For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50070TE	70	CH-24055CY	550	
CMM50085TE	85	CH-24062CY	620	
CMM50100TE	100	CH-24062CY	620	
CMM50115TE	115	CH-24070CY	700	

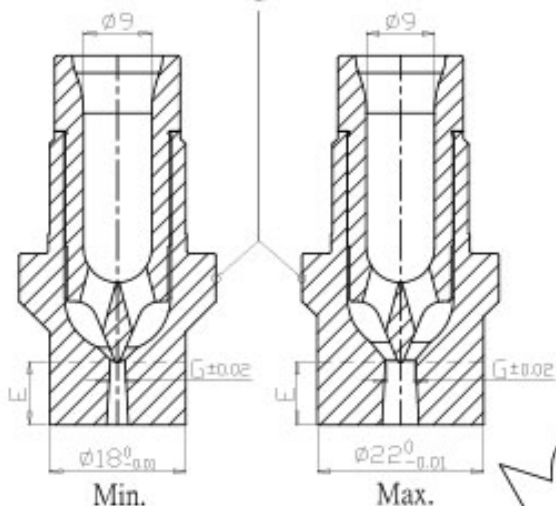
請注意：本系統加熱器出線共有五條，其中兩條是電熱線，顏色各為橘色與灰色，另外兩條為歐規J型絕緣式感溫線，紅色代表正極，藍色代表負極，最後一條是接地線，顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



SEAL TORQUE:880kgf/cm
(86N.m)

23



Cooling Circuit

灌嘴熱膨脹量參考表
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
温差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

$$\text{Expansion} = \text{Nozzle Length (A)} \times 0.0000132 \times (\text{Nozzle temp} - \text{Mold temp})$$

請注意/Note:
澆口G大小範圍從 $\phi 2.0 \sim 4.0\text{mm}$,尺寸依
成型材質及成品厚薄來決定.

G dimension selection from $\phi 2.0 \sim 4.0 \text{mm}$, the final size should be determined by application.

請注意/Note：

E尺寸可依據客戶模具需求訂制合適的長度尺寸。

Dimension E can be customized by customer demand.

For Example,

Nozzle Length=55mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=55x0.0000132x(250-20)
=0.17mm