



# 隔膜设计

## DIAPHRAGM DESIGN

隔膜有软性人造橡胶 (EPDM) 和硬性人造橡胶 (TFM) 可供选择。硬性人造橡胶由软性人造橡胶支撑。2片式设计允许两片人造橡胶各自独立地工作, 这样可减少因不同的热属性而引起的张紧。

每种应用有不同的工作条件, 因此对隔膜也有不同的要求。为选出最适合您的应用之隔膜, 需考虑以下因素: 工作压力、应用温度、工艺流体。

软性人造橡胶 (EPDM) 适用于大多数应用, 并适用于工作温度较高的应用。软性人造橡胶隔膜的典型特点是其对于机械污染介质的适用性。

The diaphragm has soft artificial rubber (EPDM) and hard artificial rubber (TFM) for chosen. Rigid artificial rubber is supported by soft rubber. 2 chip design allows two pieces of artificial rubber to work independently, so that it can reduce the tension caused by different thermal properties.

Each application has a different working condition, so the diaphragm also has different requirements. In order to select the most suitable for your application of the diaphragm, the following factors should be considered: working pressure, application temperature, process fluid.

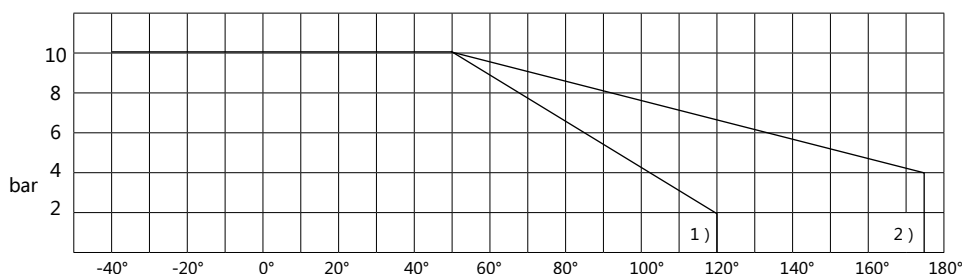
Soft synthetic rubber (EPDM) is suitable for most applications, and it is suitable for the application of higher operating temperature. The typical characteristic of soft artificial rubber diaphragm is its applicability to mechanical pollution medium.



特征	EPDM	EPDM+TFM
温度范围	-40°C -130°C	-5°C -160°C
耐酸性	好	极好
耐碱性	极好	极好
耐油性	一般	较好
耐颗粒	较好	一般

Standard	EPDM-TFM	EPDM
DN15		C1415014TE000015WH
DN20	C1415006TF000015WH	C1415004EP000015BL
	C1415003EP000015BL	
DN25	C1415006TF000040WH	C1415004EP000025BL
	C1415003EP000040BL	
DN40	C1415006TF000050WH	C1415004EP000040BL
	C1415003EP000050BL	
DN65\80		C1415004SI000080RE

建议的压力-温度



1) 仅限执行装置DN65/80

2) 除C/C手柄以外的所有其他执行装置和手柄