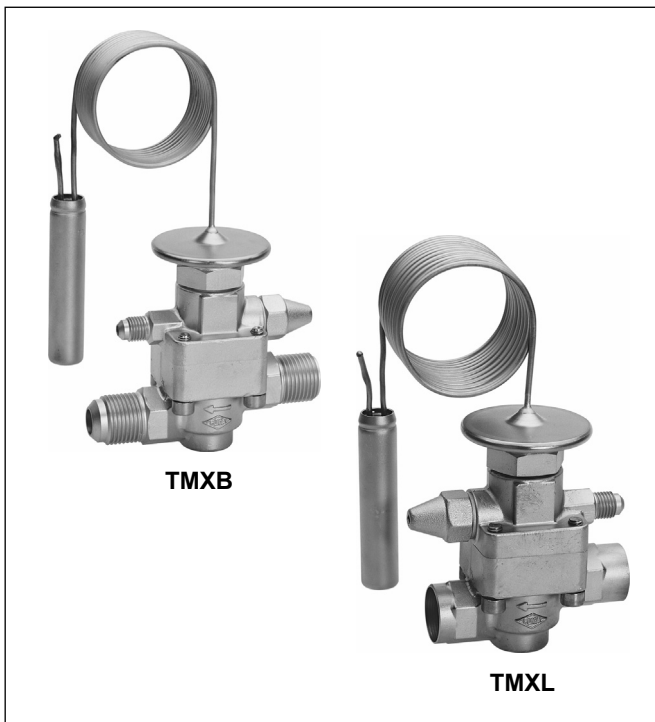


## Series TMX

### THERMOSTATIC EXPANSION VALVES

### INTERCHANGEABLE ORIFICE CARTRIDGE, BALANCED PORT

#### PRODUCT DATA



#### Features

- **TMXL:** TMX and solder base, two-way construction or angle construction
- **TMXB:** TMX and flare base, two way construction
- Damped gas charge with pressure limiting MOP
- Liquid charge
- Adjustable superheat setting
- Solder connections or flare connections
- External pressure equalisation is integrated in the valve body
- Extreme durable due to stainless steel head and stainless steel diaphragm welded using protective gas
- Balanced port construction
- Interchangeable orifice cartridges
- Refrigerants: R22, R23, R124, R134a, R227, R236fa, R401A, R404A, R407C, R410A, R422D, R507A, R508B, ISC89  
Further refrigerants and MOP on request.

#### Specification

<b>Nominal capacity range</b>	17.0 to 75.1 kW R22
<b>Evaporating temperature range</b>	see table on page 2
<b>Maximum pressure PS</b>	see table on page 2
<b>Maximum test pressure PF</b>	see table on page 2
<b>Max. ambient temperature</b>	100 °C
<b>Max. bulb temperature</b>	gas charge: 140 °C liquid charge: 70 °C
<b>Static superheat</b>	approx. 3.5 K
<b>Length of capillary tube</b>	2 m
<b>Bulb diameter</b>	16 mm

#### Application

Thermostatic expansion valves series TMX are used in general refrigeration and for original equipment. Plants with one or more refrigerant circuits such as refrigerated cabinets, deep freezing plants, milk cooling units, water chillers, air conditioning systems, cold stores and heat pumps. For plants with single and multiple injections, with high or low flow resistance, for all kind of distributors.

#### Materials

<b>Body</b>	brass
<b>Thermal head</b>	stainless steel
<b>Base</b>	brass

### Dimensions and Weights

Type	Connections			Weight (kg)
	Inlet (A) + (B)	Outlet (C) + (D)	Pressure equaliser	
TMX	-	-	7/16" UNF	approx. 0.60
XD	-	-	-	approx. 0.14
XLS two-way construction	12 + 16 mm ODF	16 + 22 mm ODF	-	approx. 0.41
	1/2" + 5/8" ODF	5/8" + 7/8" ODF	-	
XLS angle construction	12 + 16 mm ODF	16 + 22 mm ODF	-	approx. 0.32
	1/2" + 5/8" ODF	5/8" + 7/8" ODF	-	
XBS two-way construction	7/8" UNF	7/8" UNF	-	approx. 0.49

