Access valves

Internal mechanisms

Drawing type 1:



MC-01
MC-03
MC-06

Drawing type 2:



MC-02
MC-04
MC-05

Mod.	Color	Drawing	Temperature range (°C)	Maximum working pressure PS (bar)	Tightening torque (Nm)	Fatigue strenght	Refrigerants	Cost
MC-01		Tipo 1	-35 ÷ +125	60 bar	0,3 ÷ 0,35	High	HFC HFO HC CO_2	Medium
MC-02		Tipo 2	-35 ÷ +125	140 bar	0,4 ÷ 0,5	High		High
MC-03		Tipo 1	-40 ÷ 150	200 bar	0,3 ÷ 0,35	Medium		High
MC-04		Tipo 2	-40 ÷ +150	120 bar	0,4 ÷ 0,5	High		High
MC-05		Tipo 2	-40 ÷ +150	60 bar	0,4 ÷ 0,5	Medium		Medium
MC-06		Tipo 1	-40 ÷ +150	140 bar	0,3 ÷ 0,35	Medium		Low

Nota: Upon request, internal mechanisms can also be supplied already mounted on valves and charging fittings.

Selection

The MC-06 internal mechanism is suitable for most applications and offers an excellent performance-to-cost ratio. For specific requirements or to select the most suitable alternative, please consult our technical department.

Fatigue resistance

Some mechanisms use compounds with high fatigue strength and better withstand vibrations, tending to maintain their performance unchanged even when used for long periods in high-vibration environments.

Connection recommendations

Remove the mechanism before brazing to avoid problems due to overheating.