

**Table 1: General Characteristics of Body Assemblies of Thermostatic Expansion Valves**

Catalogue number		Connections							Refrigerant	Evaporating Temperature Range [°C]	MOP	Max bulb temperature [°C]	TS [°C]		PS [bar]	Risk Category according to PED						
internal equalizer	external equalizer	SAE Flare			ODS [mm]		ODS [in]						min	max								
		IN	OUT	Equal.	OUT	Equal.	OUT	Equal.														
2210/4			1/2"	-	-	-	-	-	R22 R407C	- 40	without	100 (1)	-60	+120	34	Art. 3.3						
2210/M12S	-		-	-	12	-	-	-														
2210/4S			-	-	-	-	1/2"	-														
	2210/4E		1/2"	1/4"	-	-	-	-														
-	2210/M12SE	3/8"	-	-	12	6	-	-														
	2210/4SE		-	-	-	-	1/2"	1/4"														
2211/4			1/2"	-	-	-	-	-		R407C	+ 10						+ 15 jC (95 psi)	100 (1)	-60	+120	34	Art. 3.3
2211/M12S	-		-	-	12	-	-	-														
2211/4S			-	-	-	-	1/2"	-														
	2211/4E		1/2"	1/4"	-	-	-	-														
-	2211/M12SE	3/8"	-	-	12	6	-	-														
	2211/4SE		-	-	-	-	1/2"	1/4"														
2220/4			1/2"	-	-	-	-	-	R134a	- 40	without	100 (1)	-60	+120	34	Art. 3.3						
2220/M12S	-		-	-	12	-	-	-														
2220/4S			-	-	-	-	1/2"	-														
	2220/4E		1/2"	1/4"	-	-	-	-														
-	2220/M12SE	3/8"	-	-	12	6	-	-														
	2220/4SE		-	-	-	-	1/2"	1/4"														
2221/4			1/2"	-	-	-	-	-		R134a	+ 10						+ 15 jC (55 psi)	100 (1)	-60	+120	34	Art. 3.3
2221/M12S	-		-	-	12	-	-	-														
2221/4S			-	-	-	-	1/2"	-														
	2221/4E		1/2"	1/4"	-	-	-	-														
-	2221/M12SE	3/8"	-	-	12	6	-	-														
	2221/4SE		-	-	-	-	1/2"	1/4"														
2230/4			1/2"	-	-	-	-	-	R404A R507	- 40	without	100 (1)	-60	+120	34	Art. 3.3						
2230/M12S	-		-	-	12	-	-	-														
2230/4S			-	-	-	-	1/2"	-														
	2230/4E		1/2"	1/4"	-	-	-	-														
-	2230/M12SE	3/8"	-	-	12	6	-	-														
	2230/4SE		-	-	-	-	1/2"	1/4"														
2231/4			1/2"	-	-	-	-	-		R404A R507	+ 10						+ 15 jC (120 psi)	100 (1)	-60	+120	34	Art. 3.3
2231/M12S	-		-	-	12	-	-	-														
2231/4S			-	-	-	-	1/2"	-														
	2231/4E		1/2"	1/4"	-	-	-	-														
-	2231/M12SE	3/8"	-	-	12	6	-	-														
	2231/4SE		-	-	-	-	1/2"	1/4"														
2234/4			1/2"	-	-	-	-	-	R404A R507	- 60	- 20 jC (30 psi)	100 (1)	-60	+120	34	Art. 3.3						
2234/M12S	-		-	-	12	-	-	-														
2234/4S			-	-	-	-	1/2"	-														
	2234/4E		1/2"	1/4"	-	-	-	-														
-	2234/M12SE	3/8"	-	-	12	6	-	-														
	2234/4SE		-	-	-	-	1/2"	1/4"														

(1) when valve is installed. 60 jC with element not mounted