

RECEIVER VALVES

The receiver valves can be divided into three categories:

- Two-way valves, 90° angle connections, types 6110 and 6120
- Three-way valves; two main connections (90° angle) plus a third one for charging, type 6132. The access connection may be shut off by the back-sealing of the spindle
- Two-way valves, 120° angle connections, type 6140

The main parts of the receiver valves are made with the following materials:

- Hot forged brass EN 12420 – CW 617N for the body.
- Steel, with proper surface protection, for the spindle.
- Chloroprene rubber (CR) and aramid fibres for gland seal
- Glass-reinforced PBT for the protective cap that covers the spindle.

TABLE 3: General characteristics of receiver valves

Catalogue Number	Connections			Kv Factor [m ³ /h]	PS [bar]	TS [°C]		TA [°C]		Risk Category according to PED Recast
	SAE Flare		NPT			min.	max.	min.	max.	
	(1)	(2)	(3)							
6110/21	-	1/4"	1/8"	0,44	45	-40	-40	+50	Art. 4.3	
6110/22		1/4"	1/4"							
6110/X15	1/4" F	1/4"	-							
6110/X11	-	-	1/4" M/F							
6110/23	-	1/4"	3/8"	0,45						
6110/32		3/8"	1/4"	1,35						
6110/33		3/8"	3/8"							
6110/X13		3/8" F	3/8"							-
6110/43	-	1/2"	3/8"							2,40
6110/44		1/2"	1/2"	3,40						
6110/54		5/8"	1/2"							
6110/66		3/4"	3/4"	6,00						
6120/22		1/4"	1/4"	0,44						
6120/23		1/4"	3/8"	0,45						
6120/32		3/8"	1/4"	1,35						
6120/33		3/8"	3/8"	1,35						
6120/43		1/2"	3/8"	2,40						
6120/44		1/2"	1/2"	3,40						
6120/54		5/8"	1/2"							
6120/66		3/4"	3/4"	6,00						
6132/22	1/4"	1/4"	1/4"	0,45						
6132/33		3/8"	3/8"	1,20						
6132/44		1/2"	1/2"	2,20						
6132/54		5/8"	1/2"	3,85						
6140/22	-	1/4"	1/4"	0,36						
6140/23		1/4"	3/8"							