

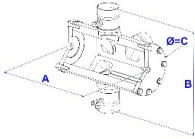









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Four way reversing valves Technical Specifications

modello	200XR	300XR	400XR	400XRA	500XR	500XRA	600XR
							
A (mm)	287,3	322,8	393,8	393,8	496,8	496,8	592,0
B (mm)	285,8	305,0	483,0	483,0	485,5	485,5	485,5
C (mm)	133,8	155,0	200,0	200,0	243,0	243,0	268,0
n° 1 connection	Ø=54	Ø=64	Ø=76	2"1/2	Ø=89	3"	Ø=108
n° 3 connections	Ø=54	Ø=76	Ø=89	4"	Ø=108	5"	Ø=133
connection material	copper	copper	copper	steel	copper	steel	copper
load sockets							
1/4"-1/4" SAE	•	•					
1/4" SAE			•	•	•	•	•
3/8" SAE	•	•	•	•	•	•	•
flange sockets							
3/8" NPT	•	•	•	•			
1/2"NPT					•	•	•
max pressure (bar)	50	50	50	50	50	50	50
max temperature (°C)	150	150	150	150	150	150	150
pressure test	•	•	•	•	•	•	•
hydrostatic test ok (bar)	150	150	150	150	150	150	150
mass (kg)	22	30	64	64	104	104	144



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4-WAY VALVES: Minimum passage sections (mm²) with piston in the working position

VALVOLA200XR
VALVOLA300XR
VALVOLA400XR
VALVOLA500XR
VALVOLA600XR

Ø = COPPER TERMINAL				
N° 1 SUNCTION		N° 3 DISCHARGES		
54 x 2		54 x 2	54 x 2	54 x 2
64 x 2		76 x 2	76 x 2	76 x 2
76 x 2		89 x 2	89 x 2	89 x 2
89 x 2		108 x 2,5	108 x 2,5	108 x 2,5
108 x 2,5		133 x 3	133 x 3	133 x 3

	N° 1 SUNCTION				N° 3 DISCHARGES			
	Ø SYSTEM TUBE (mm)	SYSTEM PIPE SECTION (mm ²)	Minimum passage sections (mm ²) with piston in the working position	INCREASE COMPARED TO LOWER MODEL	Ø SYSTEM TUBE (mm)	SYSTEM PIPE SECTION (mm ²)	Minimum passage sections (mm ²) with piston in the working position	INCREASE COMPARED TO LOWER MODEL
VALVOLA200XR	54 x 2	1.963	1.727		54 x 2	1.963	1.727	
VALVOLA300XR	64 x 2	2.826	2.662	54%	76 x 2	4.069	2.662	54%
VALVOLA400XR	76 x 2	4.069	3.217	21%	89 x 2	5.672	4.536	70%
VALVOLA500XR	89 x 2	5.672	5.674	76%	108 x 2,5	7.328	8.435	86%
VALVOLA600XR	108 x 2,5	8.328	8.336	47%	133 x 3	12.661	12.083	43%



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**4-WAY VALVE: Minimum passage sections (mm²)
with the pistons in the most unfavorable mid-stroke position**

VALVOLA200XR
VALVOLA300XR
VALVOLA400XR
VALVOLA500XR
VALVOLA600XR

∅ = COPPER TERMINAL			
1	2	3	4
54 x 2	54 x 2	54 x 2	54 x 2
64 x 2	76 x 2	76 x 2	76 x 2
76 x 2	89 x 2	89 x 2	89 x 2
89 x 2	108 x 2,5	108 x 2,5	108 x 2,5
108 x 2,5	133 x 3	133 x 3	133 x 3

VALVOLA200XR
VALVOLA300XR
VALVOLA400XR
VALVOLA500XR
VALVOLA600XR

PASSAGE mm ²		PASSAGE mm ²		PASSAGE mm ²		PASSAGE mm ²	
1	2	3	4	1	3	2	4
211	211	211	211	211	211	211	211
427	427	427	427	427	427	427	427
269	629	964	964	269	629	964	964
499	1.727	1.899	1.899	499	1.899	1.899	1.899
470	2.320	2.805	2.805	470	2.327	2.805	2.805

