

SPECIFICATION - DISTRIBUTOR VALVE (Equivalent C3 Type)

Technical Parameters		specification	
maximum brake cylinder pressure		3.8 ± 0.1 bar	
time for building up to 95% of maximum brake cylinder pressure		6 – 12 sec	
time for brake cylinder pressure release (to 40 Kpa)		30 – 45 sec	
operating pressure	Position	brake pipe	brake cylinder
	Release	5bar	0 bar
	Full Application	3.5 bar	3.8 bar
	Emergency Application	0 bar	4.1 bar

Features	Specifications	
	Freight	Passenger
Operating pressure (release position)	5 Bar	6 Bar
Filling time to 95% of brake cylinder pressure	18 – 30 S	3 – 6 S
Release time of train after full service brake application	max. 70 S	max. 25 S
Control reservoir volume	7,5 Liters	
Control reservoir filling time (4.8bar)	240 - 280 S	
Auxiliary reservoir volume	100Liters	
Auxiliary reservoir filling time (4.8 bar)	240 – 300 S	
Recharging of pressure losses in the brake cylinder	must be ensured	
Operational reliability of the brake at operating pressure of 4 bar and 6 bar	must be ensured	
Brake cylinder diameter	14'355mm)	
Brake cylinder stroke	100 ± 10 mm	
Maximum brake cylinder pressure full application)	3,8 ± 0.1 Bar	
Emergency application pressure	4.1 ± 0.15 Bar	
Brake pipe diameter	1.25 in. (31.75mm)	