



QM-C-7.1/AB/0018/R
Inspection Plan(Check Sheet)

Item: C3W Distributor Valve with control reservoir
Specn. : MP.0.01.00.19, Rev.01 of June'2010
Amd.:
Drg. No. & Alt.: WEBCO PC No. 560504 (WEBCO Test Spec. No. T-2447-0)

1. Name of Manufacturer
2. Description of material
3. Purchase Order
4. Total Quantity ordered
5. Quantity Earlier passed
6. Quantity now offered
7. Consignee
8. D.P.

Signature of firms Representative

RDSO Representative



SIL DRG.NO. 99309701

	<u>VALVE SERIAL NO.</u>								
01.	Control Reservoir charging time upto 4.8 kg./cm ² 260 ± 20 sec.								
02.	Aux. Reservoir charging time upto 4.8 kg./cm ² 270 ± 30 sec.								
03.	Tightness brake released. Check leakage by soap water.								
04.	Break cylinder filling time upto 3.6 kg/cm ² G = 18 to 30 sec. P = 3 to 6 sec.								
05.	During application in 'P' position value of in shot valve pressure should be within 0.3 to 0.7 kg./cm ² .								
06.	Max. pressure in brake cylinder 3.8 kg/cm ² ± 0.1 bar								
07.	Break cylinder release time upto 0.4 kg/cm ² G = 45 to 60 sec. P = 16 to 20 sec.								
08.	Graduate application / release.	App	Rel	App	Rel	App	Rel	App	Rel
		BC	BC	BC	BC	BC	BC	BC	BC
	4.5 3.4								
	4.4 3.6								
	4.3 3.8								
	4.2 4.0								
	4.1 4.2								
	4.0 4.4								
	3.9 4.5								
09.	Application BP 3.4 kg./cm ² BC 3.8 kg/cm ² ± 0.1 bar.								
10.	Tightness after full brake application. CR. Pressure should not drop more than 0.05 kg./cm ² in 120 sec.								

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11.	Settling return pressure :- Brake should remain on at 0.3 kg/cm ² BC pressure.				
12.	Insensitiveness : BP pressure drop 0.4 kg/cm ² in 60 sec. brake should not apply.				
13.	Overcharge protection cover BP upto 6 kg./cm ² for 45 sec. CR should not increased by more than 0.1 kg./cm ² in "G" Position.				
14.	Overcharge reduction (pull lever, reduce overcharge).				
15.	Recharge BP until BC has fallen to 0.3 kg./cm ² through 0.8 mm Ø choke. Brake must remain applied. Continue recharging BP upto 4.83 kg./cm ² Maintain BP at the value for 1 minute. Full release position must be obtained before BP reaches 4.83 kg./cm ² .				
16.	BP drops to 0.8 kg./cm ² causing leakage in BC. BC must not decrease more than 0.15 kg./cm ² .				
17.	Automatic release in Full Service application. BP to decrease to 3.5 kg./cm ² making a short pull on the release valve lever. BC decreases but must not fall below 1 kg./cm ² in 'G' Position.				
18.	Automatic release in Emergency with brake in running position with a short pull on the lever CR vented Completely from 5 to 0.4 kg./cm ² within 65 sec. CR and BC must be vented completely in 'G' position.				
19.	Empty Aux. Reservoir Manually.				

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Signature of firms Representative

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