



QM-C-7.1/AB/0004/Q

Inspection Plan(Check Sheet)

Item : Overhauling / repair kit (general) check valve wagon & passenger coaches
Spec. : 02-ABR-02
Amd. : 3 of Apr'2010
Drg. No. & Alt. : SK – 98111/SK 98112/WD – 83062- S-03

1. Firm's name :
2. Date (Period) of inspection :
3. Contract Details :
 - a) Contract No. & Date :
 - b) Order placing authority :
 - c) Specification No. :
(As mentioned in contract)
 - d) Drawing No. :
(As mentioned in contract)
4. Quantity on order :
5. Quantity offered for inspection on Date :
6. Consignee :

These check sheets do not detail all the dimensions or technical requirements of respective assemblies/components. These check sheets are issued only for General Guidance & assistance of inspecting officials. Notwithstanding the above, the inspecting officials are advised to refer to relevant drawings and/or relevant specifications to confirm conformity to the specified dimensions and technical details.

Signature of Firm's Representative

Signature of RDSO Official



AIR BRAKE EQUIPMENT

Lot size = 1000 nos

Visual Checking = 5%

Dimensional Checking – 1% or min 10nos for lot size upto 1000 nos.

0.5% for lot size above 2000 nos.

ITEM & DESCR PTION	CHECK VALVE DETAILS TO DRG NO: SK – 98111	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 1 HOUSING	L = 100	
	I.D = 20	
	I.D = 13.5	
	P.C.D = 70 ± 0.2	
	DEPTH = 79	

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ITEM / DESCR PTION	CHECK VALVE DETAILS TO DRG NO: SK – 98111	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 2 FILTER	THK = 6.5 ^{+0.5} - _{0.2}	
	I.D = 12	
ITEM – 3 CHOKE	THK = 5	
	I/D = 3	
	SLOT = 3	

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ITEM / DESCR PTION	CHECK VALVE DETAILS TO DRG NO: SK – 98111	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 4 VALVE SEALING RING	THK = $4.5^{-0.2}$	
	O.D. = $24.8^{-0.3}$	
	OD = $28^{\pm 0.2}$	
	I.D. = $17^{+0.2}_{-0.1}$	
	I.D. = $18.4^{+0.2}$	

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ITEM / DESCR PTION	CHECK VALVE DETAILS TO DRG NO: SK – 98111	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 5 PISTON	O.D = $30.5^{-0.13}$	
	DIA = $27^{+0.033}$	
	DIA = $18^{+0.1}$	
	DEPTH = $4.4^{-0.1}$	
	Length-56	

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ITEM / DESCR IPTION	CHECK VALVE DETAILS TO DRG NO: SK – 98111	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 6 COMPR- -SSION SPRING	COIL = 20 DIA.	
	COIL WIRE = 1.2 DIA	
	Length = 55.5	

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ITEM / DESCR PTION	CHECK VALVE DETAILS TO DRG NO: SK – 98111	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 7 SEALING RING	O.D = $45.9^{-0.2}$	
	I.D = $39.3^{+0.3}$	
	THK = $2^{\pm 0.2}$	
ITEM – 8 LOCKING PLUG	L = 32	
	O.D. 46	

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ITEM / DESCR PTION	CHECK VALVE DETAILS TO DRG NO: SK – 98111	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 9 BUSH	O.D. = 36 $\begin{matrix} +0.06 \\ +0.1 \end{matrix}$	
	I.D = 31 $\begin{matrix} +0.16 \\ +0.0 \end{matrix}$	
	L = 45	

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ITEM / DESCR IPTION	CHECK VALVE DETAILS TO DRG NO: SK – 98111	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM-10 VALVE SEAT	O.D. = 24 $\begin{matrix} +0.12 \\ +0.08 \end{matrix}$	
	I.D. = 20	
	L = 12	
	O.D. = 30	

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