



QM-C-7.1/AB/0004/P

Inspection Plan(Check Sheet)

Item : Overhauling / repair kit (general) Isolating cock for brake van &
Passenger coaches (w.v & w.o.v.)
Spec. : 02-ABR-02
Amd. : 3 of Apr'2010
Drg. No. & Alt. : WD-83062-S-04/SK-97003/SK-98013

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	ISOLATING COCK FOR BRAKE VAN & PASSENGER COACHES (W.V & W.O.V.) TO DRG NO: WD-83062-S-04/SK-97003/SK-98013	
	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (MM)
ITEM – 1 BODY	$L = 85 \pm 0.1$	
	$L = 56 \pm 0.1$	
	$\phi 16.2^{+0.1}_{-0.0}$	
	Height 17.75 ± 0.1	
	I.D = 19^{+1}	
	HOLE = 13.5	
	70 ± 0.4	

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	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 2 SIDE PIECE	$L = 28 \pm 0.1$	
	$O.D = 25.8^{+0.1}$	
	$I.D = 19 \pm 0.1$	

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	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 3 BALL	O.D. = 31 ± 0.1	
	I.D. = 19 ± 0.2	
	L = 23.2 ± 0.2	
	SLOT = 4.75 ± 0.1	

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	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 4 SEAT RING	O.D = 31 ± 0.1	
	I.D. = 19 ± 0.1	
	THK = 5 ± 0.1	

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	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 5 SEALING WASHER	O.D. = 31 ± 0.1	
	I.D. = 25.7 ± 0.1	
	THK = 2 ± 0.1	

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	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM - 6 SPINDLE	O.D = $10.4^{+0.0}_{-0.05}$	
	W = $4.75^{-0.13}_{-0.04}$	
	8 S Q ^{-0.1}	
	L = 60	

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	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM – 7 GLAND	$L = 14.5 \pm 0.2$	
	$I.D = 10.5^{+0.1}$	
ITEM – 8 GLAND PACKING	$O.D. = 15.8^{+0.2}$	
	$I.D. = 10.7 \pm 0.1$	
	$THK = 2.5 \pm 0.1$	

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	SPECIFIED DIMENSION IN MM	OBSERVED DIMENSION (mm)
ITEM-9 HANDLE	HANDLE = 19 WIDTH	
	THK = 5	
	L = 125	
	$8.1 \text{ S Q}^{+0.1}_{-0.05}$	

Signature of Firm's Representative

Signature of RDSO Official