

Last update 01/07/2007

Translation

Appendix to the 6th edition of the leaflet (November 2003):

**Brakes -
Regulations concerning the design of brake components**

- **Appendix J to UIC Leaflet 541-1 is given below and entitled as follows:
“Quick-release valve accepted in international traffic”**
- **The tables given on this website are:**
 - ⇒ **updated regularly,**
 - ⇒ **correspond to the date of update given above.**
 - ⇒ **and replace the tables which appear in UIC Leaflet 541-1 at present
and will be removed on its next revision**



International Union of Railways

Appendix J - Quick-release valves accepted in international traffic

Table 1 - Quick-release valves for modern brakes^a

Manufacturer	Type	Date of acceptance tests	
<i>Installed in the distributor</i>			
OERLIKON	LV3 : LV3F	March	1961
OERLIKON	LV7	May	1963
CHARMILLES	C3P1	December	1962
CHARMILLES	C3P2	May	1963
KNORR	ALV3a, ALV7, ALV9, ALV9a	May	1963
WESTINGHOUSE (Italy)	SA1	May	1963
WESTINGHOUSE (Italy)	SA1V	April	1966
KNORR	ALV11	March	1968
WESTINGHOUSE (Great Britain)	A1 and A2	September	1968
<i>Applicable to existing distributors, when their circuits provide for the emptying of the control reservoir only</i>			
OERLIKON	LV3	March	1961
OERLIKON	LV4F	December	1962
WESTINGHOUSE (France)	W 104, W 204	December	1962
WESTINGHOUSE (Italy)	SA1	May	1963
WESTINGHOUSE (Italy)	SA1V	April	1966

a.. Modern brakes are understood as being those approved for international services after 1.1.1948.

Table 2 – Quick-release valves for old brakes

Manufacturer	Type	Date of acceptance tests	
KNORR	ALV4 ^a	March	1961
OERLIKON	LV3	March	1961
OERLIKON	LV4F	December	1962
WESTINGHOUSE (France)	W 104, W 204	December	1962
WESTINGHOUSE (Italy)	SA/CG, SA/RA	December	1962
WESTINGHOUSE (Italy)	SA1	May	1963
KNORR	L2 ^b	May	1965
WESTINGHOUSE (Italy)	SARAV	April	1966
HARDY	L3 ^b	February	1967

a. The KNORR ALV4 quick-release valve is applicable to the modern KNORR KE distributor since the latter's release valve only empties the control reservoir (the auxiliary reservoir is emptied by another means: isolating cock).

b. Applicable only to the HIK distributor.

Table 3 - Quick-release valves for moderns or old brakes ^{a)}

Manufacturer	Type	Date of acceptance test	
WESTINGHOUSE (France)	W3, W4	March	1961
DAKO	OS1	December	1962
KNORR	ALV4b	March	1961
BDZ	BRV ^b	April	1976

b. Modern brakes are understood as being those approved for international services after 1.1.1948.

b Applicable only to the HIK distributor

Record of update:

Date of update	Body	Decision
07.04.2004	CTR Steering Committee	Creation of a website for UIC approved components; removal of the corresponding appendices from UIC leaflets
01.07.2007	SG 5 Braking and Running Gear	1st publication of Appendix L to UIC Leaflet 541-5 as a web page, table taken from the leaflet without modifications