



Physical Technical Testing Institute, Ostrava-Radvanice
National testing authority No 210,
Certification body No. 3051 accredited by ČIA Praha

Certificate No.: FTZÚ 09 Ex 0028

fire endurance verification of ball valves

This certificate is issued for: **Fire-safe ball valve type KM 91XX.X- X.....**

Manufacturer: **KE-ARM, s.r.o., Pekařská 1639/79A, 747 05 Opava, Czech Republic**

Applicant: **KE-ARM, s.r.o., Pekařská 1639/79A, 747 05 Opava, Czech Republic**

Above mentioned product and any of its variant are specified in Annex of the certificate and in documentation, list of which is attached in Annex of this certificate.

FTZÚ – National testing authority No. 210 confirms, that product comply with requirements following standards:

EN ISO 10497:2004 (ISO 10497:2004) resp. API 607 5th edition: 2005.

Test results are in test protocol No.:

00.0242-26, 00.0243-26, 00.0437-26, 09.0423-88 and 09.0605-88

According to EN ISO 10497:2004 (ISO 10497:2004) or API 607:2005 and clause 7 the validity of issued certificate is restricted to nominal inside diameter DN 10 + 250 or NPS3/8"+10" for pressure PN 16, 25, 40; 63, 100 or Class rating 150, 300, 400, 600.

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in Annex of the certificate and for successful performance of all specified routine tests and verification.

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 22. 12. 2009

Number of pages: 1/
Annexes: 2

This certificate is valid only for products described in this certificate and doesn't replace any other documents.
This certificate shall not be reproduced except in full without written approval of authorized entity (FTZÚ).



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Annex 1 to fire endurance verification certificate No. FTZÚ 09 Ex 0028

List of documentation

Drawing No.:	KM 9138.X1-568	01.06.2009	4.KE 3219-138 .X	02.03.2000
	3 KE 8420-207.X	14.12.2005	2 KE 4126-015.X	26.05.2000
	3 KE 4130-135.X	07.02.2005	1.KE 4131-015 X	25.05.2000
	4.KE 3219-145 .X	21.06.2000	4.KE 3219-129 .X	12.06.2007
	4.KE 5810-184 .X	30.06.2005	4.KE 7318-111 .X	28.01.1998
	4.KE 2318-081 .X	30.06.2005	3.KE 4126-006 .X	12.06.2001
	KM 9138.X3-322	23.06.2009	2.KE 4131-007 .X	28.11.2007
	3 KE 4130-252.X	16.06.2009	3.KE 4131-001 .X	23.11.2007
	3 KE 8420-371.X	16.06.2009	3.KE 4126-001 .X	12.06.2001
	4.KE 3219-136 .X	10.01.2003	3219-117 .X	12.06.2007
	4.KE 2318-113 .X	17.06.2009	4.KE 7318-067 .X	23.03.1998
	4.KE 5810-241 .X	17.06.2009	KM 9108.X1-406	14.12.2005
	4.KE 7318-146 .X	24.05.2000	4.KE 7318-150 .X	04.05.2005

Bill of material No.:	K KE KM 9108.15-568 (3 sheets)	01.06.2009
	K KE 4130-135.5 (1 sheet)	14.12.2005
	K KE 9003-176 (1 sheet)	04.07.2008
	K KE KM 9138.13-322 (3 sheets)	24.06.2009
	K KE8442-223.1 (1 sheet)	24.06.2009
	K KE4130-252.1 (1 sheet)	24.06.2009
	K KE7342-028.1 (1 sheet)	24.06.2009
	K KE2976-020.1 (1 sheet)	24.06.2009
	K KM 9108.11-115 (2 sheets)	29.05.2000
	K KE 4131-015.1 (1 sheet)	29.05.2000
	K KE 9002-009 (1 sheet)	24.09.1999
	K KE KM 9108.11-079 (2 sheets)	26.08.1999
	K KE 4131-007.1 (1 sheet)	04.02.2005
	K KE KM 9108.11-074 (2 sheets)	18.02.1999
	K KE 4131-001.1 (1 list)	01.10.2007
	K KE KM 9108.51-406 (3 sheets)	14.12.2005
	K KE 4130-135.5 (1 sheet)	14.12.2005
	K KE KM 9103-176 (1 sheet)	04.08.2008

Design description:

- floating ball
- journal sealing with compressed graphite rings and O-ring

(one of two sets of documentation was marked and return back to manufacturer)





Annex 2 to fire endurance verification certificate No. FTZÚ 09 Ex 0028

SPECIFICATION OF VALVE CATALOG NUMBER GENERATION

BALL VALVE

KM 9 1 X X . X - X

