



CERTIFICATE

valid until: 17.07.2032

Type examination (Module B) - production type

Certificate No.: Z-IS-TAF-MUC-22-07-2652066-18115448

Name and address of manufacturer: Karl Dungs GmbH & Co. KG
Karl-Dungs-Platz 1
73660 Urbach (GERMANY)

We herewith certify that the production type mentioned below meets the requirements of the Pressure Equipment (Safety) Regulations 2016 as amended.

Certification based on report No.: V 1709-00/22

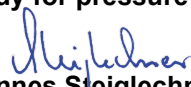
Scope of certification: safety relief valve
type FRSBV
as safety accessory
models see page 3

Manufacturing plant: Karl Dungs GmbH & Co. KG
Karl-Dungs-Platz 1
73660 Urbach (GERMANY)

18.07.2022
(Date of issue)

Verification of Certificate by TÜV SÜD App Verify

TUV SUD BABT Unlimited
Approved Body for pressure equipment


Johannes Steiglechner
Name of certifier

Approved Body 0168
TUV SUD BABT Unlimited
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Details of manufacturer:

Karl Dungs GmbH & Co. KG, Karl-Dungs-Platz 1, 73660 Urbach (GERMANY)

Notes on the certificate

The right to use the symbol depicted in the certificate only applies to the product named in the certificate.

All necessary operating and safety instructions according to Schedule 2, Paragraph 21 and 22. have to be supplied with each product. For transportation purposes, the approved body may allow the holder of the certificate to disassemble the products marked with the symbol in such a way as is usual for product assembly in an installation.

The holder of the certificate is obliged to monitor the fabrication of the products marked with the symbol in order to ensure that production is carried out in accordance with the examination specifications. The holder of the certificate is particularly obliged to carry out monitoring examinations which are laid down in the examination specifications or required by the approved body.

If this certificate expires or is declared invalid it has to be returned to the approved body immediately.

A certificate can be declared invalid or terminated by the approved body, if any flaws appear after the examination which were not detectable or not found during the examination, or if the symbol is used for the purpose of misleading or in any other way illicit advertising, or due to facts which were not clearly detectable at the time of certification, further use of the symbol is not justifiable.

The holder of the certificate is obliged to report any damage to or incurred by certified products to the approved body.

The holder of the certificate is only allowed to pass on examination reports and certificates by using the full text and by stating the date of issue. Publication of excerpts or duplication of the documents requires prior consent by the approved body.

With the certificate holder's consent, the approved body reserves the right to publish a list of certified products for the purpose of consumer information.

Page 3 of certificate No. Z-IS-TAF-MUC-22-07-2652066-18115448

Basis of examination:

Pressure Equipment Safety Regulations, UKSI 2016:1105 (as amended by UKSI 2019:696)
DIN 33821:2009-03

Models:

designation	max. operating pressure	pressure ranges (addition to designation)	nominal width, connections standard / option "NPT"
FRSBV 10005	10 bar / 1000 kPa	ND or HD	thread G 1/2" / thread NPT 1/2"
FRSBV 5010	5 bar / 500 kPa	ND	thread G 1" / thread NPT 1"
FRSBV 10010	10 bar / 1000 kPa	HD	thread G 1" / thread NPT 1"
FRSBV 20010	20 bar / 2000 kPa	HD	thread G 1" / thread NPT 1"

Further technical data:

gas family	all gases of 1 st , 2 nd and 3 rd gas family
setting pressure ranges	
FRSBV 10005 ND:	0,010 to 0,35 bar / 1,0 to 35 kPa
FRSBV 10005 HD:	0,10 to 5,00 bar / 10 to 500 kPa
FRSBV 5010 ND:	0,032 to 2,00 bar / 3,2 to 200 kPa
FRSBV 10010 HD:	0,20 to 8,00 bar / 20 to 800 kPa
FRSBV 20010 HD:	0,20 to 8,00 bar / 20 to 800 kPa
accuracy class acc. to DIN 33821	AC 2,5 - 20
lock up pressure group acc. to DIN 33821	SG 10 (all models except FRSBV 10005 ND) SG 20 (FRSBV 10005 ND)
ambient temperature	-20°C to +60°C
installation position	spring dome in vertical to horizontal position
electrical data	—

If necessary, possible hazards resulting from external fire or from traffic, wind and earthquake loading shall be examined separately depending on the installation situation of the pressure equipment.