



Type Examination Certificate

No. C5AUK 022629 0071 Rev. 00

Holder of Certificate: **Karl Dungs GmbH & Co. KG**
Karl-Dungs-Platz 1
73660 Urbach
GERMANY

Product: **Fittings (Gas)**
Multifunctional controls

MBC-, W-MF-

The Approved Body of TUV SUD BAPT Unlimited confirms according to the Gas Appliances (Enforcement) and Miscellaneous Amendment Regulations, UKSI 2018:389 (as amended by UKSI 2019:696), that in the conformity assessment procedure in accordance with Article 14 the listed product has been assessed in a type examination (module B - production type) and complies with the relevant provisions according to Annex I on appliances burning gaseous fuels. It refers only to the sample submitted for testing and certification and on its technical documentation. See also notes overleaf.

Test report no.: V-M 1726-00/22

Valid until: 2032-10-18

Date, 2022-10-25

(Johannes Steiglechner)



Type Examination Certificate

No. C5AUK 022629 0071 Rev. 00

Model(s):

MBC-300-VV
 MBC-300-SE-S02
 MBC-300-SE-S22
 MBC-300-SE-S82
 MBC-300-SE-S302
 MBC-300-SLE-S22
 MBC-300-SLE-S82
 MBC-300-SLE-S302
 MBC-300-VEF
 MBC-300-N
 MBC-300-WND
 MBC-700-VV
 MBC-700-SE-S02
 MBC-700-SE-S22
 MBC-700-SE-S82
 MBC-700-SE-S302
 MBC-700-SLE-S22
 MBC-700-SLE-S82
 MBC-700-SLE-S302
 MBC-700-VEF
 MBC-700-N
 MBC-700-WND
 MBC-1200-SE-S02
 MBC-1200-SE-S22
 MBC-1200-SE-S82
 MBC-1200-SE-S302
 MBC-1200-SLE-S22
 MBC-1200-SLE-S82
 MBC-1200-SLE-S302
 MBC-1200-VEF
 W-MF-507 C01
 W-MF-SE 507 C01 S22
 W-MF-SE 507 C01 S82
 W-MF-SE 507 C01 S302
 W-MF-SLE 507 C01 S22
 W-MF-SLE 507 C01 S82
 W-MF-SLE 507 C01 S302

Page 2 of 6

Approved Body according to Regulation (EU) 2016/426 and the Gas Appliances (Enforcement) and Miscellaneous Amendments Regulations 2018 with identification No. 0168.



Type Examination Certificate

No. C5AUK 022629 0071 Rev. 00

W-MF-VEF 507 C01
W-MF-512 C01
W-MF-SE 512 C01 S22
W-MF-SE 512 C01 S82
W-MF-SE 512 C01 S302
W-MF-SLE 512 C01 S22
W-MF-SLE 512 C01 S82
W-MF-SLE 512 C01 S302
W-MF-VEF 512 C01



Type Examination Certificate

No. C5AUK 022629 0071 Rev. 00

Models

type designation	alternative designation	nominal width
MBC-300-VV MBC-300-SE-S02 MBC-300-SE-S22 MBC-300-SE-S82 MBC-300-SE-S302 MBC-300-SLE-S22 MBC-300-SLE-S82 MBC-300-SLE-S302 MBC-300-VEF MBC-300-N MBC-300-WND	W-MF-507 C01 — W-MF-SE 507 C01 S22 W-MF-SE 507 C01 S82 W-MF-SE 507 C01 S302 W-MF-SLE 507 C01 S22 W-MF-SLE 507 C01 S82 W-MF-SLE 507 C01 S302 W-MF-VEF 507 C01 — —	Rp 1/2, Rp 3/4, Rp 1, Rp 1 1/4; (DN15; DN20, DN25, DN32)
MBC-700-VV MBC-700-SE-S02 MBC-700-SE-S22 MBC-700-SE-S82 MBC-700-SE-S302 MBC-700-SLE-S22 MBC-700-SLE-S82 MBC-700-SLE-S302 MBC-700-VEF MBC-700-N MBC-700-WND	W-MF-512 C01 — W-MF-SE 512 C01 S22 W-MF-SE 512 C01 S82 W-MF-SE 512 C01 S302 W-MF-SLE 512 C01 S22 W-MF-SLE 512 C01 S82 W-MF-SLE 512 C01 S302 W-MF-VEF 512 C01 — —	Rp 1, Rp 1 1/4, Rp 1 1/2, Rp 2; (DN25, DN32, DN40, DN50)
MBC-1200-SE-S02 MBC-1200-SE-S22 MBC-1200-SE-S82 MBC-1200-SE-S302 MBC-1200-SLE-S22 MBC-1200-SLE-S82 MBC-1200-SLE-S302 MBC-1200-VEF	— — — — — — — —	Rp 1, Rp 1 1/4, Rp 1 1/2, Rp 2; (DN25, DN32, DN40, DN50)



Type Examination Certificate

No. C5AUK 022629 0071 Rev. 00

Electrical data:

type designation	solenoid actuator	rated voltage
MBC-300-VV MBC-300-SE-S02 MBC-300-SE-S22 MBC-300-SE-S82 MBC-300-SE-S302 MBC-300-SLE-S22 MBC-300-SLE-S82 MBC-300-SLE-S302 MBC-300-VEF MBC-300-N MBC-300-WND	032/P, 032/2P	AC 110 V, AC 230 V
MBC-300-SE-S02 MBC-300-SE-S22 MBC-300-SE-S82	032/P	DC 24 V
MBC 300-VEF	032/P	AC 100 V, AC 200 V
MBC-700-VV MBC-700-SE-S02 MBC-700-SE-S22 MBC-700-SE-S82 MBC-700-SE-S302 MBC-700-SLE-S22 MBC-700-SLE-S82 MBC-700-SLE-S302 MBC-700-VEF MBC-700-N MBC-700-WND	042/P, 042/2P	AC 110 V, AC 230 V
MBC-700-SE-S02 MBC-700-SE-S82	042/P	DC 24 V
MBC-700-VEF	042/P	AC 100 V, AC 200 V
MBC-1200-SE-S02 MBC-1200-SE-S22 MBC-1200-SE-S82 MBC-1200-SE-S302 MBC-1200-SLE-S22 MBC-1200-SLE-S82 MBC-1200-SLE-S302 MBC-1200-VEF	052/P	AC 110 V, AC 230 V
MBC-1200-SE-S22 MBC-1200-SE-S82 MBC-1200-SE-S302	052/P	DC 24-28 V



Type Examination Certificate

No. C5AUK 022629 0071 Rev. 00

The different functions of the models are defined by the following type code:

...-SE-...	adjustable servo pressure regulator (class A),
...-SLE-...	adjustable servo pressure regulator (class A) opening slowly
...-VEF-...	gas/air-ratio control with compensation of the combustion chamber pressure (class A)
...-N-...	zero pressure regulator (class A)
...-SE-S02	zero pressure regulator (class A)
...-WND-...	Whirlwind version with zero pressure regulator (class A)
...-VV	no pressure regulator

The outlet pressure ranges of the servo pressure regulators are defined as follows:

S02	0 bis ±1 mbar / 0 bis ±0,1 kPa
S22:	4 to 20 mbar / 0,4 to 2 kPa
S82:	5 to 80 mbar / 0,5 to 8 kPa
S302:	30 to 300 mbar / 3 to 30 kPa

Further technical data:

gas family	all gases of 1 st , 2 nd and 3 rd gas family
valve class acc. to DIN EN 161	A
regulator class acc. to DIN EN 88-1	A
group according to DIN EN 13611	2
max. operating pressure	MBC-...: 360 mbar / 36 kPa W-MF-...: 500 mbar / 50 kPa
outlet pressure range	see models
ambient temperature	-15°C to +70°C
degree of protection	IP 54

Tested according to:
DIN EN 126:2012
DIN EN 161:2013
DIN EN 88-1:2016
DIN EN 13611:2011