



Certificate no.:
TAM00001EB

TYPE APPROVAL CERTIFICATE

This is to certify:
that the Air Compressor

with type designation(s)
BM5.1, BM6.1, BM10.1, BM 20.1, BM30.1, BM40.1, BM50.1, BM60.1, BM70.1 Series

issued to
BAUER KOMPRESSOREN Shanghai Ltd
Shanghai, China

is found to comply with
DNV rules for classification – Ships Pt.4 Ch.5 Rotating machinery – driven units

Application:

Products approved by this certificate are accepted for installation on all vessels classed by DNV.

Max. working press.: 30 - 100 bar
Operating media: Air

Issued at **Høvik** on **2025-04-07**

This Certificate is valid until **2030-04-06**.

for **DNV**

DNV local unit: **Shanghai**

Approval Engineer: **Geir Olav Moen**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product Description

Air cooled piston compressor for compression of air.

Application/Limitation

The BM- compressor types listed below is type approved for use of air application:

Compressor Type	Stages	Compressor Model	Gas Type	Stroke (mm)	Max. Final Pressure (bar)	Safety Valve Setting (bar)	Test Pressure (bar)
BM5.1	2	BM5.1/30-7.5-V	air	64	30	33	30
BM6.1	2	BM6.1/30-11	air	72	30	33	30
		BM6.1/30-15	air	72	30	33	30
	3	BM6.1/40-11	air	72	40	44	40
		BM6.1/40-15	air	72	40	44	40
		BM6.1/100-11	air	72	100	110	100
		BM6.1/100-15	air	72	100	110	100
BM10.1	2	BM10.1/30-15	air	72	30	33	30
		BM10.1/30-15-V	air	72	30	33	30
		BM10.1/30-18.5	air	72	30	33	30
		BM10.1/30-18.5-V	air	72	30	33	30
	3	BM10.1/40-15	air	72	40	44	40
		BM10.1/40-18.5	air	72	40	44	40
		BM10.1/40-22	air	72	40	44	40
		BM10.1/100-18.5	air	72	100	110	100
		BM10.1/100-22	air	72	100	110	100
BM20.1	3	BM20.1/40-30	air	90	40	44	40

		BM20.1/40-37	air	90	40	44	40
		BM20.1/40-45	air	90	40	44	40
		BM20.1/100-37	air	90	100	110	100
		BM20.1/100-45	air	90	100	110	100
		BM20.1/100-55	air	90	100	110	100
BM30.1	3	BM30.1/40-45	air	90	40	44	40
		BM30.1/40-55	air	90	40	44	40
		BM30.1/100-55	air	90	100	110	100
		BM30.1/100-75	air	90	100	110	100
BM40.1	3	BM40.1/40-75	air	90	40	44	40
		BM40.1/100-75	air	90	100	110	100
		BM40.1/100-55	air	90	100	110	100
BM50.1	3	BM50.1/40-75	air	90	40	44	40
		BM50.1/40-55	air	90	40	44	40
		BM50.1/100-90	air	90	100	110	100
		BM50.1/100-75	air	90	100	110	100
BM60.1	3	BM60.1/40-90	air	90	40	44	40
		BM60.1/40-75	air	90	40	44	40
		BM60.1/100-110	air	90	100	110	100
		BM60.1/80-90	air	90	80	88	80
		BM60.1/100-90	air	90	100	110	100
BM70.1	3	BM70.1/40-110	air	90	40	44	40
		BM70.1/40-90	air	90	40	44	40

		BM70.1/100-132	air	90	100	110	100
		BM70.1/80-110	air	90	80	88	80
		BM70.1/100-110	air	90	100	110	100

Type Approval documentation

TA Application dated on 2024-07-09.

TA Assessment Report dated on 2024-11-20.

Drawings and documentation submitted and filed in order A1563626, job 262.1-042150-1.

Place of production

Bauer Kompressoren Shanghai Ltd.,
 No.97 Honghe Road, Min Hang Shanghai 200245, China

Marking of product

The product shall be marked with manufacturer's name or trademark and type number identification.

Periodical assessment

For retention of the type approval, a DNV surveyor shall perform an assessment after 2 years and after 3.5 years to verify that the conditions of the type approval are complied with. A renewal assessment will be performed at renewal of the certificate.

Other conditions

The approval is valid for the compressors only, i.e. the approval does not cover attached equipment.

END OF CERTIFICATE