

TYPE APPROVAL CERTIFICATE

This is to certify:

That the **Butterfly Valves**

with type designation(s)
SPV, VSS HT, MTV HT

Issued to

AB Somas Ventiler
Säffle, Värmlands Län, Sweden

is found to comply with

DNV rules for classification – Ships Pt.4 Ch.6 Piping systems

DNV rules for classification – Ships Pt.6 Ch.7 Sec.7 Emission reduction system for NOx or SOx – ER

DNV class programme DNV-CP-0186 – Type approval – Valves

Application :

Product(s) approved by this certificate is/are accepted for installation on vessels classed by DNV.

Type:	Temperature range:	Max. working press.:	Sizes:
SPV	0 to 525°C (see page 2)	PN10	DN80 to DN1200 (see page 2)
VSS HT	0 to 675°C (see page 2)	PN10 or PN25 (see page 2)	DN400 to DN1200 (see page 2)
MTV HT	0 to 675°C (see page 2)	PN25	DN80 to DN350 (see page 2)

Issued at **Høvik** on **2023-09-15**

for **DNV**

This Certificate is valid until **2028-09-14**.

DNV local station: **Sweden CMC**

Approval Engineer: **Maheshraja Venkatesan**

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Zeinab Sharifi
Head of Section

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 300,000 USD.

