

CERTIFICATE

No. 30555401E/SW/04.04.2025

The valve with the brand name

**ball valve H025/025HVD2-T11
DN25/PN25**

of the manufacturer

**Jouka Oy
FI – 33470 Ylöjärvi**

was tested according to DIN EN ISO 15848-1 (dated July 2017). The following sealing systems were used:

stem sealings:

- 2 pcs. o-ring; material: FPM; dimensions: \varnothing 14.38 x \varnothing 10.82 x 1.78 mm,
- 1 pc. bearing; material: PTFE.

body sealings:

- 2 pcs. o-ring; material: FPM; dimensions: \varnothing 54.14 x \varnothing 48.9 x 2.62 mm.

In the laboratory of amtec a test with the test no. 25-206 was conducted under the following test conditions:

endurance class:	CO3	
test temperatures:	RT	°C
test pressures:	25	bar
medium:	He	
tightness class:	AH	
mechanical cycles:	2500	pcs.
shaft movement:	90	° (rotation)
shaft diameter D_o :	12.2	mm
number of shaft seal adjustments (SSA):	0	pcs.

The maximal leak rate measured with the helium leak detector during the test with 2500 mechanical cycles and 0 thermal cycles was $9.4 \cdot 10^{-6}$ mg/(s·m) for the shaft sealing. The concentration for the body sealing was less than 50 ppmv.

The performance class of the tested valve is:

ISO FE AH – CO3 – SSA 0 – tRT – PN25 – ISO 15848-1

This qualification may be transferred to untested valves with a shaft diameter of $D_o / 2 \leq D \leq 2 \cdot D_o$, provided that the criteria listed in Chapter 8 of DIN EN ISO 15848-1 are met. This certificate is valid only in connection with the test report 3055541/- and the boundary conditions listed therein.

amtec Advanced Measurement Messtechnischer Service GmbH

Lauffen, April 4th, 2025



Dipl.-Ing. S. Weiler
Deputy Head of Laboratory



M. Sc. J. Pospichl
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