

This is to certify that the DN50 (NPS 2) Class 300 Floating Ball Valve
Manufactured and tested by

M/s. Micropneumatics Pvt. Ltd.

(Plot 133 – 134, Vasai Municipal Industrial Area, Umela Phata
Papdy, Vasai (W)- 401 207, Mumbai, Maharashtra , India.)

As per fugitive Emission standard ISO 15848- Part 1, Second Edition: 2015,
Amendment 1:2017 & MPPL Procedure: PRO 38 Rev-00.

2024/FET/ TR/ MUM/01

Valve Details	DN50 (NPS 2), Class 300, Floating Ball Valve (ASTM A351 Gr. CF8M) Serial no. 240600974	
Stem Seal	PTFE V-SEAL (Stem Diameter : 19mm)	
Body Seal	Primary Seal : PTFE, Secondary Seal : Flexible Graphite	
Test Conditions	Fluid	Helium
	Pressure	52 Kg/cm ²
	Temperature	Room Temperature (27°C)
	Test method	Sniffing method (annex B of ISO 15848 Part-1)
	Tightness class	BH
	Endurance class	CO2
	No. of mechanical Cycles	1500
	No. of thermal cycles	NA
	Number of stem seal adjustment (SSA)	0
Test Results	Allowable Leakage- For Stem Seal : 3.4×10^{-5} mbar l/sec [Stem Dia: Ø19 mm] Observed –Less than Allowable Leakage Limit (Refer MPPL/FET/24-1 for details) Found satisfactory.	
Qualification Extension**	Stem diameter qualified	Floating Ball Valve with stem seal diameter ranging from 9.5mm to 38.0mm
	Class Qualified	Class 300 and below
	Temperature class	-29 °C to + 40 °C
	**This qualification Extension applicable to untested sizes and classes of valves of the same type if clause 8 (a, b, c, d, h) criteria of ISO 15848- Part 1 are also met.	

This Certificate shall be valid in conjunction with test report No. **MPPL/FET/24-1**

Dated 25/07/2024. & TUV report no. TRI/MUM/MPPL/MPPL/IR-2024-02738 dated 25/07/2024




Date: 25th July, 2024

Sign