

This is to certify that the DN25 (NPS 1) Class 150 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.

2021/FET/TR/ MUM/01

Valve Details	DN25 (NPS 1), Class 150, Floating Ball Valve (ASTM A351 Gr. CF8M) Serial no. 201206721/06/21	
Stem Seal	PTFE V-SEAL (Stem Diameter : 15.5 mm)	
Body Seal	Primary Seal : PTFE, Secondary Seal : Flexible Graphite	
Test Conditions	Fluid	Helium
	Pressure	19 bar / 13.7 bar
	Temperature	RT/200° 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	3
	Number of stem seal adjustment (SSA)	2
Test Results	Allowable Leakage- For Stem Seal : 2.75×10^{-5} mbar l/sec [Stem Dia: Ø15.5mm] Observed –Less than Allowable Leakage Limit(Refer MPPL/FET/01 for details) Found satisfactory.	
Qualification Extension**	Stem diameter qualified	Floating Ball Valve with stem seal diameter ranging from 7.75mm to 31mm
	Class Qualified	Class 150 and below
	Temperature class	Room temperature to 200°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/01**
Dated 18/06/2021. & TUV report no. TR/ MUM/166558487/IR /01 dated 21/06/2021




Date:-21st June, 2021

Sign
21/06/2021

This is to certify that the DN80 (NPS 3) Class 150 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.

2021/FET/ TR/ MUM/02

Valve Details	DN80 (NPS 3), Class 150, Floating Ball Valve (ASTM A351 Gr. CF8M) Serial no. 201206727/06/21	
Stem Seal	PTFE V-SEAL (Stem Diameter : 22.0 mm)	
Body Seal	Primary Seal : PTFE, Secondary Seal : Flexible Graphite	
Test Conditions	Fluid	Helium
	Pressure	19 bar / 13.7 bar
	Temperature	RT/200° C
	Test method	Sniffing method (annex B of ISO 15848 Part-1)
	Tightness class	BH
	Endurance class	CO1
	No. of mechanical Cycles	205
	No. of thermal cycles	2
	Number of stem seal adjustment (SSA)	1
Test Results	Allowable Leakage- For Stem Seal : 3.92×10^{-5} mbar l/sec [Stem Dia: Ø22.0mm] Observed –Less than Allowable Leakage Limit(Refer MPPL/FET/02 for details) Found satisfactory.	
Qualification Extension**	Stem diameter qualified	Floating Ball Valve with stem seal diameter ranging from 11mm to 44mm
	Class Qualified	Class 150 and below
	Temperature class	Room temperature to 200°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/02**
Dated 19/06/2021. & TUV report no. TR/ MUM/166558487/IR /01 dated 21/06/2021




Date:21stJune, 2021

Sign
21/06/2021