

Ballorex® Venturi

3.1 Product data sheet

Ballorex Venturi

DN 15 female/female



Dimensions	Specifications
	<p>Max. temperature 120°C (135°C with high temperature measuring points)</p> <p>Min. temperature -20°C</p> <p>Max. pressure 25 bar</p> <p>Press ends 16 bar</p> <p>Marking on valve (Handle) DN, flow version, Kvm (Kv-measuring) (Valve body) DN, PN, flow direction</p> <p>Connection Female thread ISO 7/1 parallel</p> <p>Valve housing DR Brass CW602N</p> <p>Ball and needle DR Brass CW602N (chrome plated)</p> <p>Valve handle Polyamide (PA6.6 30%GF)</p> <p>Sealings O-rings EPDM Gaskets PTFE Test point sealing EPDM</p>

Valve	Article	Dimension	Nom. Inch	Kvs m ³ /h	Kvm m ³ /h	Flow range	
						l/s	l/h
	4350000U-001003	DN 15U	1/2"	0.23	0.163	0.0076-0.035	27-126
	4350000L-001003	DN 15L	1/2"	0.63	0.359	0.0172-0.074	62-226
	4350000S-001003	DN 15S	1/2"	1.62	0.746	0.036-0.148	130-530
	4350000H-001003	DN 15H	1/2"	2.49	1.56	0.074-0.325	267-1170

Note! The Kvs value refers to the pressure loss across the entire valve.
The Kvm value refers to the pressure loss across the measuring points and must be used only for flow verification during system commissioning.

Accessories	Article	Dimension	Description
	96M0240-000005	DN 15	Ballorex Venturi insulation jacket
	43500032-000003	M14 × 1 / quick coupling	Measuring point for high temperature medium - up to 135°C (installed in the P/T port of the Ballorex Venturi)
	83504006-000003 83504007-000003	15 mm × 1/2" 18 mm × 1/2"	Pre-sealed press adaptors (2 pcs), max. 16 bar
	43500200-001003	DN 15	High capacity drain valve (Kvs = 4,5 m ³ /h) 1/2" female/female threaded connection for installation in a system pipe

Ballorex® Venturi

3.1 Product data sheet

Ballorex Venturi

DN 20 female/female



Dimensions	Specifications
	<p>Max. temperature 120°C (135°C with high temperature measuring points)</p> <p>Min. temperature -20°C</p> <p>Max. pressure 25 bar</p> <p>Press ends 16 bar</p> <p>Marking on valve (Handle) DN, flow version, Kvm (Kv-measuring) (Valve body) DN, PN, flow direction</p> <p>Connection Female thread ISO 7/1 parallel</p> <p>Valve housing DR Brass CW602N</p> <p>Ball and needle DR Brass CW602N (chrome plated)</p> <p>Valve handle Polyamide (PA6.6 30%GF)</p> <p>Sealings O-rings EPDM Gaskets PTFE Test point sealing EPDM</p>

Valve	Article	Dimension	Nom. Inch	Kvs m ³ /h	Kvm m ³ /h	Flow range	
						l/s	l/h
	4450000L-001003	DN 20L	3/4"	1.43	0.746	0.036-0.148	130-530
	4450000S-001003	DN 20S	3/4"	2.82	1.56	0.074-0.325	267-1170
	4450000H-001003	DN 20H	3/4"	5.72	2.95	0.142-0.603	511-2170

Note! The Kvs value refers to the pressure loss across the entire valve. The Kvm value refers to the pressure loss across the measuring points and must be used only for flow verification during system commissioning.

Accessories	Article	Dimension	Description
	96M0241-000005	DN 20	Ballorex Venturi insulation jacket
	43500032-000003	M14 × 1 / quick coupling	Measuring point for high temperature medium - up to 135°C (installed in the P/T port of the Ballorex Venturi)
	84504006-000003 84504007-000003 84504008-000003	15 mm × 3/4" 18 mm × 3/4" 22 mm × 3/4"	Pre-sealed press adaptors (2 pcs), max. 16 bar
	44500200-001003	DN 20	High capacity drain valve (Kvs = 4,5 m ³ /h) 3/4" female/female threaded connection for installation in a system pipe

Ballorex® Venturi

3.1 Product data sheet

Ballorex Venturi

DN 25 female/female



Dimensions	Specifications
	<p>Max. temperature 120°C (135°C with high temperature measuring points)</p> <p>Min. temperature -20°C</p> <p>Max. pressure 25 bar</p> <p>Press ends 16 bar</p> <p>Marking on valve (Handle) DN, flow version, Kvm (Kv-measuring) (Valve body) DN, PN, flow direction</p> <p>Connection Female thread ISO 7/1 parallel</p> <p>Valve housing DR Brass CW602N</p> <p>Ball and needle DR Brass CW602N (chrome plated)</p> <p>Valve handle Polyamide (PA6.6 30%GF)</p> <p>Sealings O-rings EPDM Gaskets PTFE Test point sealing EPDM</p>

Valve	Article	Dimension	Nom. Inch	Kvs m ³ /h	Kvm m ³ /h	Flow range	
						l/s	l/h
	4550000S-001003	DN 25S	1"	7.54	2.95	0.142-0.603	511-2170
	4550000H-001003	DN 25H	1"	12.1	6.01	0.29-1.25	1044-4500

Note! The Kvs value refers to the pressure loss across the entire valve.
The Kvm value refers to the pressure loss across the measuring points and must be used only for flow verification during system commissioning.

Accessories	Article	Dimension	Description
	96M0242-000005	DN 25	Ballorex Venturi insulation jacket
	43500032-000003	M14 × 1 / quick coupling	Measuring point for high temperature medium - up to 135°C (installed in the P/T port of the Ballorex Venturi)
	85504006-000003	28 mm × 1"	Pre-sealed press adaptors (2 pcs), max. 16 bar
	45500200-001003	DN 25	High capacity drain valve (Kvs = 4,5 m ³ /h) 1" female/female threaded connection for installation in a system pipe

Ballorex® Venturi

3.1 Product data sheet

Ballorex Venturi

DN 32 female/female



Dimensions	Specifications
	<p>Max. temperature 120°C (135°C with high temperature measuring points)</p> <p>Min. temperature -20°C</p> <p>Max. pressure 25 bar</p> <p>Press ends 16 bar</p> <p>Marking on valve (Handle) DN, flow version, Kvm (Kv-measuring) (Valve body) DN, PN, flow direction</p> <p>Connection Female thread ISO 7/1 parallel</p> <p>Valve housing DR Brass CW602N</p> <p>Ball and needle DR Brass CW602N (chrome plated)</p> <p>Valve handle Polyamide (PA6.6 30%GF)</p> <p>Sealings O-rings EPDM Gaskets PTFE Test point sealing EPDM</p>

Valve	Article	Dimension	Nom. Inch	Kvs m ³ /h	Kvm m ³ /h	Flow range	
						l/s	l/h
	4650000H-001003	DN 32H	1¼"	13.2	6.01	0.29-1.25	1044-4500

Note! The Kvs value refers to the pressure loss across the entire valve.
The Kvm value refers to the pressure loss across the measuring points and must be used only for flow verification during system commissioning.

Accessories	Article	Dimension	Description
	96M0243-000005	DN 32	Ballorex Venturi insulation jacket
	43500032-000003	M14 × 1 / quick coupling	Measuring point for high temperature medium - up to 135°C (installed in the P/T port of the Ballorex Venturi)
	86504006-000003	35 mm × 1¼"	Pre-sealed press adaptors (2 pcs), max. 16 bar

Ballorex® Venturi

3.1 Product data sheet

Ballorex Venturi

DN 40 female/female



Dimensions	Specifications
	<p>Max. temperature 120°C (135°C with high temperature measuring points)</p> <p>Min. temperature -20°C</p> <p>Max. pressure 25 bar</p> <p>Press ends 16 bar</p> <p>Marking on valve (Handle) DN, flow version, Kvm (Kv-measuring) (Valve body) DN, PN, flow direction</p> <p>Connection Female thread ISO 7/1 parallel</p> <p>Valve housing DR Brass CW602N</p> <p>Ball and needle DR Brass CW602N (chrome plated)</p> <p>Valve handle Polyamide (PA6.6 30%GF)</p> <p>Sealings O-rings EPDM Gaskets PTFE Test point sealing EPDM</p>

Valve	Article	Dimension	Nom. Inch	Kvs m ³ /h	Kvm m ³ /h	Flow range	
						l/s	l/h
	4750000H-001003	DN 40H	1½"	22.0	9.20	0.44-1.88	1580-6760

Note! The Kvs value refers to the pressure loss across the entire valve.
The Kvm value refers to the pressure loss across the measuring points and must be used only for flow verification during system commissioning.

Accessories	Article	Dimension	Description
	96M0244-000005	DN 40	Ballorex Venturi insulation jacket
	43500032-000003	M14 × 1 / quick coupling	Measuring point for high temperature medium - up to 135°C (installed in the P/T port of the Ballorex Venturi)
	87504006-000003	42 mm × 1½"	Pre-sealed press adaptors (2 pcs), max. 16 bar

Ballorex® Venturi

3.1 Product data sheet

Ballorex Venturi

DN 50 female/female



Dimensions	Specifications
	<p>Max. temperature 120°C (135°C with high temperature measuring points)</p> <p>Min. temperature -20°C</p> <p>Max. pressure 25 bar</p> <p>Press ends 16 bar</p> <p>Marking on valve (Handle) DN, flow version, Kvm (Kv-measuring) (Valve body) DN, PN, flow direction</p> <p>Connection Female thread ISO 7/1 parallel</p> <p>Valve housing DR Brass CW602N</p> <p>Ball and needle DR Brass CW602N (chrome plated)</p> <p>Valve handle Polyamide (PA6.6 30%GF)</p> <p>Sealings O-rings EPDM Gaskets PTFE Test point sealing EPDM</p>

Valve	Article	Dimension	Nom. Inch	Kvs m ³ /h	Kvm m ³ /h	Flow range	
						l/s	l/h
	4850000H-001003	DN 50H	2"	36.0	17.1	0.82-3.51	2950-12630

Note! The Kvs value refers to the pressure loss across the entire valve.
The Kvm value refers to the pressure loss across the measuring points and must be used only for flow verification during system commissioning.

Accessories	Article	Dimension	Description
	96M0245-000005	DN 50	Ballorex Venturi insulation jacket
	43500032-000003	M14 × 1 / quick coupling	Measuring point for high temperature medium - up to 135°C (installed in the P/T port of the Ballorex Venturi)
	88504006-000003	54 mm × 2"	Pre-sealed press adaptors (2 pcs), max. 16 bar