



AISI 304 (1.4301)

Outer wall in AISI 304

(1.4301) stainless steel

Insulation provided by 50 mm

thick high density mineral wool

AISI 316L (1.4404)

Inner wall in AISI 316L

(1.4404) stainless steel

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* higher thicknesses for inner/outer wall may be supplied upon request

Applications

- Fume exhaust for dry and wet working

condition with N1 negative pressure

(without gasket) or P1 positive pressure

(with gasket)

- Ventilation exhaust

Technical and manufacturing characteristics

- Internal wall material: AISI 316L (1.4404)

austenitic stainless steel

- External wall material: AISI 304 (1.4301)

austenitic stainless steel

- Insulation: incombustible high density

mineral wool layer, thickness 50 mm

- Longitudinal seam welding of inside/

outside walls by automatic laser and TIG

procedures

- “Triple lip” silicone gasket for P1 positive



pressure working condition which guarantees the tightness of elements (not supplied standard, but only on request)

- Diameters available from \varnothing i 200 mm to \varnothing i 700 mm
- For technical characteristics see table

Working temperature

- For working condition with N1 negative pressure without gasket maximum 600°C
- For working condition with P1 positive pressure with gasket maximum 200°C

Fuels

- Gaseous and liquid fuels with wet and dry working condition
- Solid fuels with dry working condition

Certifications

- CE (EN 1856-1)
- TÜV, IMQ Quality-CIG (gas and condensate tightness test) VKF-AEAI

Accessories

- Double-groove joint band supplied standard;
- Stainless steel bolts and nuts

Options

- Copper outside wall
- Antique finish copper painted steel outer wall

(we do not recommend it for operation at temperatures higher than 500°C)

- Painted stainless steel outside wall



according to RAL tables

- Stainless steel Aisi 316L outside wall

(recommended for installations where the corrosion

caused by chloride of marine environment is

particularly considerable)

Product designation EN 1856-1

- For working condition with negative

pressure

T600 N1 W V2 L50050 G50

Certificate N° 0036 CPD 9811 001

- For working condition with positive

pressure

T200 P1 W V2 L50050 O50

Certificate N° 0036 CPD 9811 002

Inner

diameter

(mm)

Outer

diameter

(mm)

Inner wall*

thickness

(mm)

Outer wall*

thickness

(mm)

Thermal

resistance

(m²K/W)

200 300 0,5 0,5 0,71



250 350 0,5 0,5 0,74

300 400 0,5 0,5 0,76

350 450 0,5 0,6 0,77

400 500 0,5 0,6 0,78

450 550 0,6 0,6 0,79

500 600 0,6 0,6 0,80

550 650 0,6 0,6 0,80

600 700 0,6 0,6 0,81

650 750 0,6 0,6 0,81

700 800 0,6 0,6 0,82

DP 50 double wall - technical sheet

Sistemul Dublu perete DP 50 - fisa tehnica

tiva N1 (fara garnitura) sau la presiune \varnothing 700 mm

- Material perete extern: Otel Inox
- Izolatie: vata minerala de inalta densi-

Diametrul Diametrul

intern extern

Grosime Grosime

perete intern perete extern

Dublu perete DP50 / DP 50 Double wall

* grosimi mai mari perete intern/extern la cerere

Perete extern din otel inox

Vata minerala de mare densitate

grosime 50 mm

Perete intern din otel inox

- Sudura perete intern/ extern cu laser

si TIG complet automatizata

- Garnitura siliconica "triplu efect" • CE (EN 1856-1)

Rezistenta

termica



- Diametre disponibile de la \emptyset

Vezi tabelul cu caracteristicile tehnice

- Evacuare aer sisteme de ventilatie

Caracteristici tehnico-costructive Temperatura de functionare

- Material perete intern: Otel Inox • Pentru functionare la presiune pentru cosuri cu functionare la presi-

Austenitic AISI 316L (1.4404) negativa N1 fara garnitura de etansare maxim 600°C

Austenitic AISI 304 (1.4301) •Pentru functionare la presiune pozitiva

P1 cu garnitura de etansare max. 200°C

te rezistenta la foc cu grosimea de Combustibili

- Gazosi si lichizi cu functionare in mediu

umed si/ sau uscat

- Solizi cu functionare in mediu uscat

Certificare

- TÜV, IMQ Quality-CIG (test de rezistenta

une pozitiva P1 pentru a realiza o la actiunea condensului si gazelor), VKF-AEAI

etansare foarte buna

Aplicatiia (disponibila numai la cerere) Acessorii

- Evacuarea fumului si a gazelor de arde- • Coliere de legatura pentru fixarea elemente umede sau uscate la p presiune nega- 200 mm la telor cosului intre ele in dotare standard

- Suruburi si piulite din otel inox

pozitiva P1 (cu garnitura) Optiuni

- Perete extern din cupru

- Perete extern din otel acoperit prin cuprare

(nu se recomanda a se utiliza la temperaturi de lucru

mai mari de 500°C)

- Perete extern din otel inox

vopsit conform tabel RAL

Perete extern din otel inox Aisi 316L



(recomandat pentru instalatii care lucreaza in

50 mm medii cu actiune puternic coroziva ex: cloruri sau in domeniul

naval)

Destinatie Produs EN 1856-1

- Functionare la presiune negativa

cod T600 N1 W V2 L50050 G50

Certificat N° 0036 CPD 9811 001

- Functionare la presiune pozitiva

cod T200 P1 W V2 L50050 O50

Certificat N° 0036 CPD 9811 002

Cosuri de Fum din Inox! /Stainless Steel Flue!

Sistemul Dublu perete DP 50 - fisa tehnica

DP 50 double wall - technical sheet

<p>Aplicatii:</p> <ul style="list-style-type: none"> • Evacuarea fumului si a gazelor de ardere umede sau uscate la presiune negativa N 1 (fara garnitura) sau la presiune pozitiva (cu garnitura) • Evacuare aer sisteme de ventilatie <p>Caracteristici tehnico-costructive</p> <ul style="list-style-type: none"> • Material perete intern: Otel Inox Austenitic AISI 316L (1.4404) • Material perete extern: Otel Inox Austenitic AISI 304 (1.4301) • Izolatie: vata minerala de inalta densitate rezistenta la foc cu grosimea de 50 mm • Sudura perete intern/ extern cu laser si TIG complet automatizata • Garnitura siliconica "triplu efect" pentru cosuri cu functionare la presiune pozitiva P1 pentru a realiza o etansare foarte buna (disponibila numai la cerere) 	<p>Diametre disponibile de la from Øi 200 mm to Øi 700 mm</p> <p>Vezi tabelul cu caracteristicile tehnice</p> <p>Temperatura de functionare</p> <ul style="list-style-type: none"> • Pentru functionare la presiune negativa N1 fara garnitura de etansare maxim 600°C • Pentru functionare la presiune pozitiva P1 cu garnitura de etansare max. 200°C <p>Combustibili</p> <ul style="list-style-type: none"> • Gazosi si lichizi cu functionare in mediu umed si/ sau uscat • Solizi cu functionare in mediu uscat <p>Certificare</p> <ul style="list-style-type: none"> • CE (EN 1856-1) • TÜV, IMQ Quality-CIG (test de rezistenta la actiunea condensului si gazelor), VKF-AEA I 	<p>Acessorii</p> <ul style="list-style-type: none"> • Coliere de legatura pentru fixarea elementelor cosului intre ele in dotare standard • Suruburi si piulite din otel inox <p>Optiuni</p> <ul style="list-style-type: none"> • Perete extern din cupru • Perete extern din otel acoperit prin cuprare (nu se recomanda a se utiliza la temperaturi de lucru mai mari de 500°C) • Perete extern din otel inox vopsit conform tabel RAL <p>Perete extern din otel inox Aisi 316L (recomandat pentru instalatii care lucreaza in medii cu actiune puternic coroziva ex: cloruri sau in domeniul naval)</p> <p>Destinatie Produs EN 1856-1</p> <ul style="list-style-type: none"> • Functionare la presiune negativa cod T600 N1 W V2 L50050 G50 Certificat N°0036 CPD 9811 001 • Functionare la presiune pozitiva cod T200 P1 W V2 L50050 O50
<p>Applications</p> <ul style="list-style-type: none"> • Fume exhaust for dry and wet working condition with N1 negative pressure (without gasket) or P1 positive pressure (with gasket) • Ventilation exhaust <p>Technical and manufacturing characteristics</p> <ul style="list-style-type: none"> • Internal wall material: AISI 316L (1.4404) austenitic stainless steel • External wall material: AISI 304 (1.4301) austenitic stainless steel • Insulation: incombustible high density mineral wool layer, thickness 50 mm • Longitudinal seam welding of inside/ outside walls by automatic laser and TIG procedures • "Triple lip" silicone gasket for P1 positive pressure working condition which guarantees the tightness of elements (not supplied standard, but only on request) 	<ul style="list-style-type: none"> • Diameters available from Øi 200 mm to Øi 700 mm • For technical characteristics see table <p>Working temperature</p> <ul style="list-style-type: none"> • For working condition with N1 negative pressure without gasket maximum 600°C • For working condition with P1 positive pressure with gasket maximum 200°C <p>Fuels</p> <ul style="list-style-type: none"> • Gaseous and liquid fuels with wet and dry working condition • Solid fuels with dry working condition <p>Certifications</p> <ul style="list-style-type: none"> • CE (EN 1856-1) • TÜV, IMQ Quality-CIG (gas and condensate tightness test) VKF-AEA I <p>Accessories</p> <ul style="list-style-type: none"> • Double-groove joint band supplied standard; • Stainless steel bolts and nuts 	<p>Options</p> <ul style="list-style-type: none"> • Copper outside wall • Antique finish copper painted steel outer wall <p>(we do not recommend it for operation at temperatures higher than 400°C)</p> <ul style="list-style-type: none"> • Painted stainless steel outside wall according to RAL tables • Stainless steel Aisi 316L outside wall (recommended for installations where the corrosion caused by chloride of marine environment is particularly considerable) <p>Product designation EN 1856-1</p> <ul style="list-style-type: none"> • For working condition with negative pressure T600 N1 W V2 L50050 G50 Certificate N°0036 CPD 9811 001 • For working condition with positive pressure T200 P1 W V2 L50050 O50 Certificate N°0036 CPD 9811 002

Dublu perete DP50 / DP 50 Double wall

Diametrul intern Inner diameter (mm)	Diametrul extern Outer diameter (mm)	Grosime prete intern Inner wall* thickness (mm)	Grosime prete extern Outer wall* thickness (mm)	Rezistenta termica Thermal resistance (m ² K/W)
200	300	0,5	0,5	0,71
250	350	0,5	0,5	0,74
300	400	0,5	0,5	0,76
350	450	0,5	0,6	0,77
400	500	0,5	0,6	0,78
450	550	0,6	0,6	0,79
500	600	0,6	0,6	0,80
550	650	0,6	0,6	0,80
600	700	0,6	0,6	0,81
650	750	0,6	0,6	0,81
700	800	0,6	0,6	0,82

Grosimi mai mari perete inter/extern la cerere
higher thicknesses for inner/outer wall may be supplied upon request

