

Sistemul Dublu perete DP 25 - fisa tehnica

DP 25 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 25mm • 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 80 mm to Øi 300 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-AEAI 	<p>Acessorii</p> <ul style="list-style-type: none"> • Coliere de legatura pentru fixarea elemen telor 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>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 25 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 80 mm to Øi 300 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-AEAI <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

Doppia parete DP25 / DP 25 Double wall

Diametr u Intern diameter (mm)	Diametr u Extern Outer diameter (mm)	Grosime perete intern Inner wall* thickness (mm)	Grosime perete extern Outer wall* thickness (mm)	Resistenta Termica Thermal resistance (m ² K/W)
80	130	0.4/0.5	0.4	0.318
100	150	0.4/0.5	0.4	0.332
130	180	0.4/0.5	0.4	0.347
150	200	0.4/0.5	0.4	0.354
180	230	0.5	0.4	0.362
200	250	0.5	0.4	0.366
250	300	0.5	0.5	0.372
300	350	0.5	0.5	0.378

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

Perete extern din otel inox
AISI 304 (1.4301)
Outer wall in AISI 304
(1.4301) stainless steel

Vata minerala de mare densitate
grosime 50 mm
Insulation provided by 50 mm
thick high density mineral wool

Perete intern din otel inox
AISI 316L (1.4404)
Inner wall in AISI 316L
(1.4404) stainless steel

