



Technical data sheet for Dewar flasks made of stainless steel type DSS and GSS

Area of application

- laboratory technique
- medicinal technique
- biotechnology
- storing and company internal short-distance transport for CO₂ and LN₂
- liquid or solid medias and solid matters
- pressure-less space for coolants

Features of performance

- reliably and economically
- nominal capacity from 0,5 to 6 litres
- Dewar flasks with and without grip and handle



Dewar flasks type DSS



Dewar flasks type GSS

Description of Dewar flasks

Types and accessories

- DSS = Dewar flasks from type DSS 1000 with handle
- handle = stainless steel
- lid = polyurethane

- GSS = Dewar flasks with side grip
- GSS = Dewar flasks from type GSS 1000 with handle and side grip
- handle = stainless steel
- Side grip = plastic
- lid = polyurethane

Description of Dewar flask

Material

- Stainless steel

Temperature range

- from -200°C to +150°C, for a short time +200°C
- lid to + 80°C

Pressures range

- Pressure / less

KGW - ISOTHERM

Karlsruher Glastechnisches Werk
76185 Karlsruhe Gablonzerstraße 6
Tel: 0721 95897-0 Fax: 0721 95897-77
E-Mail: info@KGW-ISOTHERM.COM
Internet: www.KGW-ISOTHERM.COM

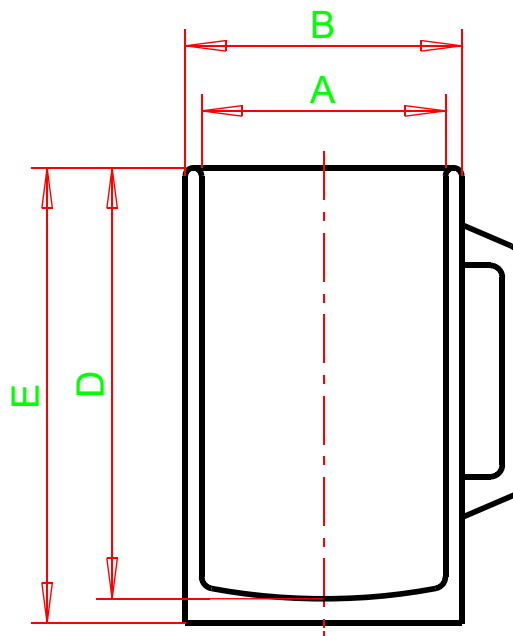
KGW-ISOTHERM Datenblatt DSS-GSS E 04-2011
Seite 1 von 2



Technical data sheet for Dewar flasks made of stainless steel type DSS and GSS

Safety advises and regulations

- always wear protective glasses and protective gloves
- national regulations for laboratories
- company- internal regulations
- safety regulations for handling with liquid gases
- ADR regulations



Measurements data

Typ	max. Inhalt	A	B	D	E	Gewicht	Standzeit LN2	Verdampfungsrate LN2
Type	max. Content					Weight	Holding time LN2	Evaporation rate LN2
	ca. [ml]	mm	mm	mm	mm	ca. [kg]	ca. [h]	ca. [L / d]
GSS 500	500	65	87	180	203	0,6	12	1,0
GSS 1000	1000	85	107	206	231	0,9	21	0,9
GSS 1000 W	1000	100	122	157	177	0,7	15	1,6
GSS 2000	2000	100	122	285	312	1,3	42	1,1
GSS 3000	3000	185	200	160	190	1,5	22	3,1
GSS 6000	6000	185	200	270	300	2,2	49	2,9

Order data

1 l, celonerezová, s madlem a uchem, typ GSS, (2300) cena: 10.067,- Kč bez DPH
1 l, celonerezová bez madla, s uchem, typ DSS (2103), cena: 10.010,- Kč bez DPH

Typ	Artikel Nr.		Stopfen für Typ	Artikel Nr.
Type	Article No.		Plug for type	Article No.
GSS 500	2304		GSS 500	2680
GSS 1000	2300		GSS 1000	2681
GSS 1000 W	2301		GSS 1000 W	2682
GSS 2000	2303		GSS 2000	2682
GSS 3000	2302		GSS 3000	2683
GSS 6000	2305		GSS 6000	2683

víko, cena: 884,- Kč bez DPH

KGW - ISOTHERM

Karlsruher Glastechnisches Werk
76185 Karlsruhe Gablonzerstraße 6
Tel: 0721 95897-0 Fax: 0721 95897-77
E-Mail: info@KGW-ISOTHERM.COM
Internet: www.KGW-ISOTHERM.COM

KGW-ISOTHERM Datenblatt DSS-GSS E / 04-2011
Seite 2 von 2