Product leaflet

Product	Model No.	Ordering No.
Face shield	SR 570	H06-6512

Product Description

The SR 570 face shield together with the battery-powered SR 500, SR 500 EX or SR 700 fan and approved filters are included in the Sundström fan-assisted respiratory protection device systems. The breathing hose of the face shield is to be connected to the fan, equipped with filters. The pressure generated in the face shield prevents particles and other pollutants from entering the face shield.
The SR 570 can also be used with the SR 507 compressed air equipment. This combination forms a breathing apparatus designed for continuous air flow, for connection to a compressed air supply.
The equipment can be used as an alternative to filter respirators in all situations for which filter respirators are recommended. This applies particularly to work that is hard, warm or of long duration.

The characteristics of the SR 570 face shield are as follows:
Protects the breathing zone and the crown of the head • Hinged visor unit • Scratch resistant and chemicals resistant PC visor • Adjustable head harness • Airflow deflector for optimal comfort • The supply air flow keeps the visor demisted • Replaceable breathing air hose • Standardfastener for hearing protection • Optional protective films • PC visor and visor frame protects from high speed particles 120 m/s at extremes of temperature, liquid splashes and molten metal • Equipped with an exhalation valve • Optional TAC visor • Available in one size.

The face shield together with the SR 500 EX fan is approved for use in a potentially explosive atmosphere, with exclusion for protective film and its clips, bump cap, flame retardant face seal/neck cover and hearing protectors as accessories.

A. SR 570
B. SR 507
C. SR 500
D. SR 500 EX
E. SR 700
F. Hearing protectors

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Product	Model No.	Ordering No.
Face shield	SR 570	H06-6512

Technical specification

	SR 570+SR 500/ SR 500 EX/SR 700	EN 12941:1998 + A2:2008	SR 570+SR 507	EN 14594:2005
Working pressure	-	-	5–7 bar	≤ 10 bar
Air flow rate	175/240 l/min (SR 500) 175/225 l/min (SR 500 EX/SR 700)	≥ 120 l/min	175–260 l/min	175-260 l/min
Service temperature	-10 – +55 °C, < 90 % RH	-	-10 – +55 °C, < 90 % RH	-
Storage temperature	-20 – +40 °C, < 90 % RH	-	-20 – +40 °C, < 90 % RH	-
Low flow warning level	< 175 l/min	≤ 175 l/min	< 175 l/min	≤ 175 l/min
Weight with breathing hose	≈ 860 g	≤ 1 500 g	≈ 860 g	≤ 1 500 g
Impact test with 6 mm dia. steel ball against visor	120 m/s	-	120 m/s	-
Assigned Protection Factor[1]	40 (TH3)	-	100 (3A,3B)	-
Nominal Protection Factor[2]	500 (TH3)	-	200 (3A,3B)	-

Approvals	Directive	Standards	Classification/marking
	PPE Regulation (EU) 2016/425	EN 12941:1998 + A2:2008 EN 14594:2005 EN 812:2012 with Bump cap EN 166:2001	TH3 3A, 3B
	ATEX 2014/34/EU	EN IEC 60079-0:2018, EN 60079-11:2012	Ex II 2 G Ex ib IIB T3 Gb [3] Ex II 2 D Ex ib IIIC T195°C Db [3]
	IECEx Scheme	IEC 60079-0:2017, IEC 60079-11:2011	Ex ib IIB T3 Gb [3] Ex ib IIIC T195°C Db [3]

1) Specified in BS EN 529 and applies regardless of the test results.
2) According to EN 529:2005.
3) Together with fan SR 500 EX.

Key to EX marking

Ex	ATEX Explosion protection mark.
II	ATEX Equipment group (explosive atmospheres other than mines with fire damp).
2 G	ATEX Equipment category (2 = High level of protection for Zone 1, G = Gas).
2 D	ATEX Equipment category (2 = High level of protection for Zone 21, D = Dust).
Ex	Explosion protected.
ib	Type of protection (Intrinsic safety).
IIB	Gas group (Ethylene).
IIIC	Dust material group (zone with conductive dust).
T3	Temperature class, gas (maximum surface temperature +200°C).
T195°C	Temperature class, dust (maximum surface temperature +195°C).
Gb	Equipment Protection Level, gas (high protection).
Db	Equipment Protection Level, dust (high protection).

Approved hearing protectors according to EN 352-3 to SR 570:

Zekler	401H
	402H
	403H

ISO 9001 SWEDAC ACKREDITERING Ackred. nr. 1450 Certifiering av Ledningssystem ISO/IEC 17021
KVALITETS-CERTIFIERAD BMG TRADA CERTIFIERING

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