

Price list 2016



KAESER
KOMPRESSOREN



OIL.FREE AIR



Dry-Running Screw Compressors

air-cooled (A)	Rated power in kW	FAD in m ³ /min	page
Standard design			
CSG-2 A - FSG-2 A	37 - 315	5,40 - 50,10	2 - 4
Design with frequency controller			
CSG-2 SFC A - FSG-2 SFC A	55 - 355	3,23 - 50,77	5 - 7
Design with rotation dryer i.HOC			
CSG-2 RD A - DSG-2 RD A	90 - 200	5,40 - 28,55	8 - 9
Design with frequency controller and rotation dryer i.HOC			
CSG-2 RD SFC A - DSG-2 RD SFC A	110 - 200	3,23 - 30,04	10 - 11
Design with refrigeration dryer			
CSG-2 T A	37 - 90	5,40 - 12,97	12
Design with frequency controller and refrigeration dryer			
CSG-2 T SFC A	55 - 90	3,23 - 13,35	13
water-cooled (W)	Rated power in kW	FAD in m ³ /min	page
Standard design			
CSG-2 W - FSG-2 W	37 - 355	5,57 - 50,10	14 - 16
Design with frequency controller			
CSG-2 SFC W - FSG-2 SFC W	55 - 355	3,49 - 50,77	17 - 19
Design with rotation dryer i.HOC			
CSG-2 RD W - DSG-2 RD W	90 - 200	5,57 - 28,55	20 - 21
Design with frequency controller and rotation dryer i.HOC			
CSD-2 RD SFC W - DSG-2 RD SFC W	110 - 200	3,62 - 30,04	22 - 23
Design with refrigeration dryer			
CSG-2 T W	37 - 90	5,4 - 12,97	24
Design with frequency controller and refrigeration dryer			
CSG-2 T SFC W	55 - 90	3,49 - 13,48	25

Price list

Dry-Running Screw Compressors

OIL.FREE AIR

**37 - 90 kW,
air-cooled**

material group 71



CSG-2 air-cooled

FAD (ISO 1217:2009, Annex C)	
at 4 bar gauge pressure	m ³ /min
at 6 bar gauge pressure	m ³ /min
at 8 bar gauge pressure	m ³ /min
at 10 bar gauge pressure	m ³ /min
Rated power	kW
Separate fan motor	kW
Permiss. disch. duct p.drop	Pa
Max. useable warm air	m ³ /h
Required air inlet opening	m ²
Insulation class drive motor	
Electrical supply	
Dimensions W x D x H	mm
Compressed air connection	
Weight	kg
Sound pressure level ¹⁾	dB(A)
Condensate separation	

CSG-2 series air-cooled				
CSG 55-2 A	CSG 70-2 A	CSG 90-2 A	CSG 120-2 A	CSG 130-2 A
on request	8,92	10,52	12,97	-
on request	7,77	9,62	12,92	-
5,40	6,65	8,80	12,00	12,88
-	-	7,67	10,43	12,85
37	45	55	75	90
2,2	2,2	2,2	2,2	2,2
80	70	70	60	60
13000	13000	13000	13000	13000
1	1,2	1,4	1,8	2,2
IP 55				
400 V / 3 / 50 Hz				
2490 x 1660 x 2145				
DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16
2270	2310	2375	2515	2640
71	71	72	73	74
2x condensate separator, 2x electronic condensate drain ECO-DRAIN				

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.
6 bar _(g)	Part No.
8 bar _(g)	Part No.
10 bar _(g)	Part No.
Price	€
Communication module	€/Set
Conn. cable (for base load switching)	€/m
Connec. plug set per compr.	€/Set

screw	screw	screw	screw	-
screw	screw	screw	screw	-
screw	screw	screw	screw	screw
-	-	screw	screw	screw
111.705,-	117.095,-	124.650,-	132.200,-	139.215,-
material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

material group 59

Silencer for ventilation opening	€
Outlet for regeneration air for HOC	€
Adjustable machine mountings	€
Cooling air filter mats	€

910,-
4.345,-
915,-
1.180,-

non-configurable options (extended delivery time)

Indoor installation to -10°C	€
Special colour (RAL no.)	€
Outdoor installation to -10°C (under a roof)	
External air inlet	€

2.550,-
2.110,-
on request
335,-

Accessories

material group 67

Axial compensator	Connection, Part No. €
Butterfly valve	Part No. €
Compensator for outlet reg. air for HOC	

155 mm; 8.0786.00010; 344,-
8.0742.2; 249,-
DN65 PN25; 8.1782.0; 935,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

KAESER
KOMPRESSOREN

90 - 200 kW,
air-cooled

material group 71



DSG-2 air-cooled

DSG-2 series air-cooled

		DSG 140-2 A	DSG 180-2 A	DSG 220-2 A	DSG 260-2 A	DSG 290-2 A
FAD (ISO 1217:2009, Annex C)						
at 4 bar gauge pressure	m ³ /min	on request	21,70	26,15	28,61	-
at 6 bar gauge pressure	m ³ /min	on request	19,20	23,00	26,10	28,55
at 8 bar gauge pressure	m ³ /min	13,18	18,40	21,60	26,00	28,50
at 10 bar gauge pressure	m ³ /min	13,12	16,10	19,10	22,90	26,00
Rated power	kW	90	110	132	160	200
Separate fan motor	kW	5,5	5,5	5,5	5,5	5,5
Permiss. disch. duct p.drop	Pa	200	200	160	120	80
Max. useable warm air	m ³ /h	24000	24000	24000	24000	24000
Required air inlet opening	m ²	2,3	2,5	3	4	5
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	3435 x 1750 x 2385				
Compressed air connection		DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16
Weight	kg	3400	3550	3700	3850	4000
Sound pressure level ¹⁾	dB(A)	77	78	78	79	81
Condensate separation		2x condensate separator, 2x electronic condensate drain ECO-DRAIN				

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	on request	screw	screw	screw	-
6 bar _(g)	Part No.	on request	screw	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw	screw	screw
10 bar _(g)	Part No.	screw	screw	screw	screw	screw
Price	€	177.335,-	185.190,-	197.540,-	212.125,-	225.600,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

material group 59

Silencer for ventilation opening	€	1.055,-
Outlet for regeneration air for HOC	€	5.045,-
Adjustable machine mountings	€	1.405,-
Cooling air filter mats	€	1.580,-

non-configurable options (extended delivery time)

Indoor installation to -10°C	€	3.170,-
Special colour (RAL no.)	€	2.850,-
Outdoor installation to -10°C (under a roof)		on request
External air inlet	€	425,-
Separable base frame	€	on request

Accessories

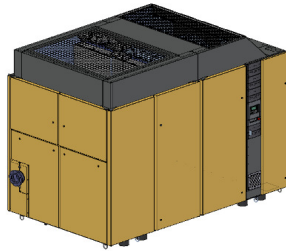
material group 67

Axial compensator	Connection, Part No. €	165 mm, 8.0787.00010, 380,-
Butterfly valve	Part No. €	8.0743.2, 274,-
Compensator for outlet reg. air for HOC		180 mm, PN25; 8.1722.0, 1.035,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list Dry-Running Screw Compressors OIL.FREE AIR

160 - 315 kW,
air-cooled



FSG-2 air-cooled

material group 71

FSG-2 series air-cooled

	FSG 300-2 A	FSG 350-2 A	FSG 420-2 A	FSG 450-2 A	FSG 500-2 A	
FAD (ISO 1217:2009, Annex C)						
at 4 bar gauge pressure	m ³ /min	35,12	42,15	50,14	-	
at 6 bar gauge pressure	m ³ /min	29,40	37,30	45,70	50,10	
at 8 bar gauge pressure	m ³ /min	29,30	34,90	42,00	45,60	
at 10 bar gauge pressure	m ³ /min	on request	29,20	37,10	41,90	
Rated power	kW	160	200	250	315	
Separate fan motor	kW	5,5	9	9	9	
Permiss. disch. duct p.drop	Pa	80	200	160	120	
Max. useable warm air	m ³ /h	24000	37000	37000	37000	
Required air inlet opening	m ²	4	5	6	7	
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	3525 x 2075 x 2730				
Compressed air connection		DN125 PN16	DN125 PN16	DN125 PN16	DN125 PN16	
Weight	kg	5800	6000	6250	6400	
Sound pressure level ¹⁾	dB(A)	78	79	80	81	
Condensate separation		2x condensate separator, 2x electronic condensate drain ECO-DRAIN				

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw	-	-
6 bar _(g)	Part No.	screw	screw	screw	screw	-
8 bar _(g)	Part No.	screw	screw	screw	screw	screw
10 bar _(g)	Part No.	-	screw	screw	screw	screw
Price	€	277.230,-	290.695,-	303.040,-	331.105,-	331.105,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

Silencer for ventilation opening	Part No., €	221349.0, 1 175,-
Outlet for regeneration air for HOC	€	6.560,-
Adjustable machine mountings	€	1.495,-
Cooling air filter mats	€	2.080,-

material group 59

non-configurable options (extended delivery time)

Indoor installation to -10°C	€	3.825,-
Special colour (RAL no.)	€	3.845,-
Outdoor installation to -10°C (under a roof)		on request
External air inlet	€	630,-
Separable base frame	€	on request

Accessories

Axial compensator	Connection, Part No. €	185 mm, 8.0788.00020, 526,-
Butterfly valve	Part No. €	8.0745.2, 472,-
Compensator for outlet reg. air for HOC		235 mm, PN25; 8.1723.0, 1 135,-

material group 67

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

KAESER
KOMPRESSOREN

55 - 90 kW,
air-cooled,
frequency controlled



CSG-2 SFC air-cooled

material group 71

CSG-2 SFC series air-cooled

	CSG 90-2 SFC A	CSG 120-2 SFC A	CSG 130-2 SFC A
FAD (ISO 1217:2009, Annex C) at 4 bar gauge pressure	m ³ /min 3,32 - 10,62	m ³ /min 3,94 - 13,23	m ³ /min 4,23 - 13,35
at 6 bar gauge pressure	m ³ /min 3,23 - 9,45	m ³ /min 4,51 - 12,31	m ³ /min 4,64 - 13,26
at 8 bar gauge pressure	m ³ /min 3,47 - 8,20	m ³ /min 5,08 - 11,20	m ³ /min 5,05 - 13,17
at 10 bar gauge pressure	m ³ /min on request	m ³ /min 4,81 - 10,00	m ³ /min 5,47 - 12,57
Rated power	kW 55	kW 75	kW 90
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 2,2	kW 2,2	kW 2,2
Permiss. disch. duct p.drop	Pa 70	Pa 60	Pa 60
Max. useable warm air	m ³ /h 13000	m ³ /h 13000	m ³ /h 13000
Required air inlet opening	m ² 1,4	m ² 1,8	m ² 2,2
Insulation class drive motor	IP 55		
Electrical supply	400 V / 3 / 50 Hz		
Dimensions W x D x H	2490 x 1660 x 2145		
Compressed air connection	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg 2435	kg 2575	kg 2700
Sound pressure level ¹⁾	dB(A) 72	dB(A) 73	dB(A) 74
Frequency converter	made Siemens		
Certified acc. to EMC directive EN 55011	• (class A1 for industrial networks)		
Noise filter and mains commutating choke	•		
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	•		
Condensate separation	•		
	2x condensate separator, 2x electronic condensate drain ECO-DRAIN		

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw
6 bar _(g)	Part No.	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw
10 bar _(g)	Part No.	screw	screw	screw
Price	€	139.585,-	148.895,-	158.520,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-		
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70		
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-		

configurable options

	€	material group 59
Silencer for ventilation opening	€	910,-
Outlet for regeneration air for HOC	€	4.345,-
Adjustable machine mountings	€	915,-
Cooling air filter mats	€	1.180,-

non-configurable options (extended delivery time)

Indoor installation to -10°C	€	2.550,-
Special colour (RAL no.)	€	2.110,-
Outdoor installation to -10°C (under a roof)		auf Anfrage
External air inlet	€	335,-

Accessories

	€	material group 67
Axial compensator Connection, Part No.	€	155 mm; 8.0786.00010; 344,-
Butterfly valve Part No.	€	8.0742.2; 249,-
Compensator for outlet reg. air for HOC		DN65PN25; 8.1782.0; 935,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

110 - 200 kW,
air-cooled,
frequency controlled



DSG-2 SFC air-cooled

material group 71

DSG-2 SFC series air-cooled

	DSG 180-2 SFC A	DSG 220-2 SFC A	DSG 260-2 SFC A	DSG 290-2 SFC A
FAD (ISO 1217:2009, Annex C) at 4 bar gauge pressure	m ³ /min 8,58 - 22,52	m ³ /min 7,84 - 22,51	m ³ /min 8,59 - 27,71	m ³ /min 9,07 - 30,09
at 6 bar gauge pressure	m ³ /min 9,46 - 20,79	m ³ /min 8,68 - 22,45	m ³ /min 9,36 - 27,66	m ³ /min 10,27 - 30,04
at 8 bar gauge pressure	m ³ /min 8,51 - 18,56	m ³ /min 9,51 - 21,80	m ³ /min 9,62 - 25,44	m ³ /min 11,47 - 30,00
at 10 bar gauge pressure	m ³ /min 9,54 - 16,43	m ³ /min 9,95 - 19,50	m ³ /min 10,30 - 23,30	m ³ /min 12,33 - 28,00
Rated power	kW 110	kW 132	kW 160	kW 200
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 5,5	kW 5,5	kW 5,5	kW 5,5
Permiss. disch. duct p.drop	Pa 200	Pa 160	Pa 120	Pa 80
Max. useable warm air	m ³ /h 24000	m ³ /h 24000	m ³ /h 24000	m ³ /h 24000
Required air inlet opening	m ² 2,4	m ² 2,9	m ² 3,9	m ² 4,4
Insulation class drive motor	IP 55			
Electrical supply	400 V / 3 / 50 Hz			
Dimensions W x D x H	mm 3435 x 1750 x 2385			
Compressed air connection	DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16
Weight	kg 4150	kg 4300	kg 4450	kg 4600
Sound pressure level ¹⁾	dB(A) 79	dB(A) 79	dB(A) 80	dB(A) 82
Frequency converter	made Siemens			
Certified acc. to EMC directive EN 55011	● (class A1 for industrial networks)			
Noise filter and mains commutating choke	●			
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	●			
Condensate separation	2x condensate separator, 2x electronic condensate drain ECO-DRAIN			

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw	screw
6 bar _(g)	Part No.	screw	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw	screw
10 bar _(a)	Part No.	screw	screw	screw	screw
Price	€	217.045,-	229.395,-	253.730,-	276.000,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-			
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70			
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-			

configurable options

Silencer for ventilation opening	€	1.055,-	material group 59		
Outlet for regeneration air for HOC		5.045,-			
Adjustable machine mountings	€	1.405,-			
Cooling air filter mats	€	1.580,-			

non-configurable options (extended delivery time)

Indoor installation to -10°C	€	3.170,-			
Special colour (RAL no.)	€	2.850,-			
Outdoor installation to -10°C (under a roof)		on request			
External air inlet	€	425,-			
Separable base frame	€	on request			

Accessories

Axial compensator	Connection, Part No.	€	165 mm, 8.0787.00010, 380,-	material group 67	
Butterfly valve	Part No.	€	8.0743.2, 274,-		
Compensator for outlet reg. air for HOC			180 mm, PN25; 8.1722.0, 1.035,-		

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw compressors
OIL.FREE AIR 

KAESER
KOMPRESSOREN

250 - 355 kW,
air-cooled,
frequency controlled



FSG-2 SFC air-cooled

material group 71

FSG-2 SFC series air-cooled

	FSG 420-2 SFC A	FSG 500-2 SFC A	FSG 520-2 SFC A
FAD (ISO 1217:2009, Annex C)			
at 4 bar gauge pressure	m ³ /min 12,95 - 45,84	15,48 - 50,77	15,48 - 50,77
at 6 bar gauge pressure	m ³ /min 14,79 - 42,18	16,94 - 48,66	16,94 - 50,70
at 8 bar gauge pressure	m ³ /min 16,63 - 38,52	18,41 - 44,93	18,40 - 50,63
at 10 bar gauge pressure	m ³ /min 18,48 - 34,85	19,88 - 41,21	19,88 - 48,59
Rated power	kW 250	315	355
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 9	9	9
Permiss. disch. duct p.drop	Pa 160	80	80
Max. useable warm air	m ³ /h 37000	37000	37000
Required air inlet opening	m ² 6	7	8
Insulation class drive motor	IP 55		
Electrical supply	400 V / 3 / 50 Hz		
Dimensions W x D x H	mm 4135 x 2075 x 2730		
Compressed air connection	DN125 PN16	DN125 PN16	DN125 PN16
Weight	kg 7050	7200	7450
Sound pressure level ¹⁾	dB(A) 81	83	84
Frequency converter	made Siemens		
Certified acc. to EMC directive EN 55011	• (class A1 for industrial networks)		
Noise filter and mains commutating choke	•		
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	•		
Condensate separation	•		
	2x condensate separator, 2x electronic condensate drain ECO-DRAIN		

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw
6 bar _(g)	Part No.	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw
10 bar _(a)	Part No.	screw	screw	screw
Price	€	362.480,-	403.175,-	434.090,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-		
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70		
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-		

configurable options

Silencer for ventilation opening	Part No., €	221349.0, 1.175,-
Outlet for regeneration air for HOC		6.560,-
Adjustable machine mountings	€	1.495,-
Cooling air filter mats	€	2.080,-

material group 59

non-configurable options (extended delivery time)

Indoor installation to -10°C	€	3.825,-
Special colour (RAL no.)	€	3.845,-
Outdoor installation to -10°C (under a roof)		on request
External air inlet	€	630,-
Separable base frame	€	on request

Accessories

Axial compensator	Connection, Part No. €	185 mm, 8.0788.00020, 526,-
Butterfly valve	Part No. €	8.0745.2, 472,-
Compensator for outlet reg. air for HOC		235 mm, PN25; 8.1723.0, 1 135,-

material group 67

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

37- 90 kW,
air-cooled
i. HOC

material group 71

CSG-2 RD series air-cooled

CSG-2 RD air-cooled

		CSG 55-2 RD A	CSG 70-2 RD A	CSG 90-2 RD A	CSG 120-2 RD A	CSG 130-2 RD A
FAD (ISO 1217:2009, Annex C)		on request	7,77	9,62	12,92	-
at 6 bar gauge pressure	m ³ /min	5,40	6,65	8,80	12,00	12,88
at 8 bar gauge pressure	m ³ /min	-	-	7,67	10,43	12,85
at 10 bar gauge pressure	m ³ /min					
Rated power	kW	37	45	55	75	90
Separate fan motor	kW	2,2	2,2	2,2	2,2	2,2
Permiss. disch. duct p.drop	Pa	80	70	70	60	60
Max. useable warm air	m ³ /h	13000	13000	13000	13000	13000
Required air inlet opening	m ²	1	1,2	1,4	1,8	2,2
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	3140 x 1660 x 2145				
Compressed air connection		DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg	2985	3025	3090	3230	3355
Sound pressure level ¹⁾	dB(A)	71	71	72	73	74
Condensate separation		2x condensate separator, 4x electronic condensate drain ECO-DRAIN				
Rotation dryer (RD)						
Pressure dew point ²⁾ at 6 bar gauge pressure		-29	-27	-24	-18	-
Pressure dew point ²⁾ at 8 bar gauge pressure		-36	-35	-32	-28	-27
Pressure dew point ²⁾ at 10 bar gauge pressure		-	-	-36	-34	-31

Version with SIGMA CONTROL 2

		on request	screw	screw	screw	screw
6 bar _(g)	Part No.					
8 bar _(g)	Part No.					
10 bar _(a)	Part No.					
Price	€	166.205,-	171.595,-	179.150,-	191.700,-	198.715,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

material group 59

Pressure dew point options						
Pressure dew point measurement	€	3.125,-				
Pressure dew point adjustment	€	6.350,-			7.710,-	
Pressure dew point control	€	8.275,-			9.485,-	
Adjustable machine mountings	€	915,-				
Silencer for ventilation opening	€	910,-				
Heat exchanger after RD	€	7.750,-				
Cooling air filter mats	€	1.180,-				

non-configurable options (extended delivery time)

Special colour (RAL no.)	€	2.110,-				
External air inlet	€	335,-				

Accessories

material group 67

Axial compensator	Connection, Part No.	€	155 mm; 8.0786.00010; 344,-			
Butterfly valve	Part No.	€	8.0742.2; 249,-			

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

²⁾ Pressure dew points applies to ambient temperature +20°C, rel. humidity 60%, inlet pressure 1 bar(a)

Price list Dry-Running Screw Compressors OIL.FREE AIR

90 - 200 kW,
air-cooled
i. HOC

material group 71



DSG-2 RD air-cooled

DSG-2 RD series air-cooled

		DSG 140-2 RD A	DSG 180-2 RD A	DSG 220-2 RD A	DSG 260-2 RD A	DSG 290-2 RD A
FAD (ISO 1217:2009, Annex C)		on request	19,20	23,00	26,10	28,55
at 6 bar gauge pressure	m ³ /min	13,18	18,40	21,60	26,00	28,50
at 8 bar gauge pressure	m ³ /min	13,12	16,10	19,10	22,90	26,00
at 10 bar gauge pressure	m ³ /min					
Rated power	kW	90	110	132	160	200
Separate fan motor	kW	5,5	5,5	5,5	5,5	5,5
Permiss. disch. duct p.drop	Pa	200	200	160	120	80
Max. useable warm air	m ³ /h	24000	24000	24000	24000	24000
Required air inlet opening	m ²	2,3	2,5	3	4	5
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	4270 x 1750 x 2385				
Compressed air connection		DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16
Weight	kg	4500	4650	4800	4950	5100
Sound pressure level ¹⁾	dB(A)	77	78	78	79	81
Condensate separation		2x condensate separator, 4x electronic condensate drain ECO-DRAIN				
Rotation dryer (RD)						
Pressure dew point ²⁾ at 6 bar gauge pressure		on request	- 26 °C	- 26 °C	- 25 °C	- 24 °C
Pressure dew point ²⁾ at 8 bar gauge pressure		- 34 °C	- 33 °C	- 33 °C	- 31 °C	- 31 °C
Pressure dew point ²⁾ at 10 bar gauge pressure		- 36 °C	- 36 °C	- 35 °C	- 34 °C	- 33 °C

Version with SIGMA CONTROL 2

6 bar _(g)	Part No.	on request	screw	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw	screw	screw
10 bar _(a)	Part No.	screw	screw	screw	screw	screw
Price	€	259.235,-	267.090,-	279.440,-	294.025,-	307.500,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

material group 59

Pressure dew point options					
Pressure dew point measurement	€		3.125,-		
Pressure dew point adjustment	€		7.055,-		8.565,-
Pressure dew point control	€		8.980,-		10.340,-
Adjustable machine mountings	€		1.405,-		
Silencer for ventilation opening	€		1.055,-		
Heat exchanger after RD	€		8.890,-		
Cooling air filter mats	€		1.580,-		

non-configurable options (extended delivery time)

Special colour (RAL no.)	€		2.850,-		
External air inlet	€		425,-		

Accessories

material group 67

Axial compensator	Connection, Part No.	€	165 mm, 8.0787.00010, 380,-
Butterfly valve	Part No.	€	8.0743.2, 274,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

²⁾ Pressure dew points applies to ambient temperature +20°C, rel. humidity 60%, inlet pressure 1 bar(a)

Price list Dry-Running Screw Compressors OIL.FREE AIR

55 - 90 kW,
air-cooled,
frequency controlled,
i.HOC



CSG-2 RD SFC air-cooled

material group 71

CSG-2 RD SFC serie air-cooled

	CSG 90-2 RD SFC A	CSG 120-2 RD SFC A	CSG 130-2 RD SFC A
FAD (ISO 1217:2009, Annex C) at 6 bar gauge pressure	m ³ /min 3,23 - 9,45	4,51 - 12,31	4,64 - 13,26
at 8 bar gauge pressure	m ³ /min 3,47 - 8,20	5,08 - 11,20	5,05 - 13,17
at 10 bar gauge pressure	m ³ /min on request	4,81 - 10,00	5,47 - 12,57
Rated power	kW 55	75	90
Separate fan motor	kW 2,2	2,2	2,2
Permiss. disch. duct p.drop	Pa 70	60	60
Max. useable warm air	m ³ /h 13000	13000	13000
Required air inlet opening	m ² 1,4	1,8	2,2
Insulation class drive motor	IP 55		
Electrical supply	400 V / 3 / 50 Hz		
Dimensions W x D x H	mm 3140 x 1660 x 2145		
Compressed air connection	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg 3150	3290	3415
Sound pressure level ¹⁾	dB(A) 72	73	74
Condensate separation	2x condensate separator, 4x electronic condensate drain ECO-DRAIN		
Rotation dryer (RD)			
Pressure dew point ²⁾ at 6 bar gauge pressure	-24	-19	-17
Pressure dew point ²⁾ at 8 bar gauge pressure	-33	-29	-27
Pressure dew point ²⁾ at 10 bar gauge pressure	on request	-34	-32
Frequency converter	made Siemens		
Certified acc. to EMC directive EN 55011	• (class A1 for industrial networks)		
Noise filter and mains commutating choke	•		
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	•		

Version with SIGMA CONTROL 2

6 bar _(g)	Part No.	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw
10 bar _(a)	Part No.	screw	screw	screw
Price	€	199.085,-	208.395,-	218.020,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-		
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70		
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-		

configurable options

material group 59

Pressure dew point options			
Pressure dew point measurement	€	3.125,-	
Pressure dew point adjustment	€	6.350,-	7.710,-
Pressure dew point control	€	8.275,-	9.485,-
Adjustable machine mountings	€	915,-	
Silencer for ventilation opening	€	910,-	
Heat exchanger after RD	€	7.750,-	
Cooling air filter mats	€	1.180,-	

non-configurable options (extended delivery time)

Special colour (RAL no.)	€	2.110,-
External air inlet	€	335,-

Accessories

material group 67

Axial compensator	Connection, Part No.	€	155 mm; 8.0786.00010; 344,-
Butterfly valve	Part No.	€	8.0742.2; 249,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

²⁾ Pressure dew points applies to ambient temperature +20°C, rel. humidity 60%, inlet pressure 1 bar(a)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

KAESER
KOMPRESSOREN

110 - 200 kW,
air-cooled,
frequency controlled,
i.HOC



DSG-2 RD SFC air-cooled

material group 71

DSG-2 RD SFC series air-cooled

	DSG 180-2 RD SFC A	DSG 220-2 SFC RD A	DSG 260-2 RD SFC A	DSG 290-2 RD SFC A
FAD (ISO 1217:2009, Annex C) at 6 bar gauge pressure	m ³ /min 9,46 - 20,79	m ³ /min 8,68 - 22,45	m ³ /min 9,36 - 27,66	m ³ /min 10,27 - 30,04
at 8 bar gauge pressure	m ³ /min 8,51 - 18,56	m ³ /min 9,51 - 21,80	m ³ /min 9,62 - 25,44	m ³ /min 11,47 - 30,00
at 10 bar gauge pressure	m ³ /min 9,54 - 16,43	m ³ /min 9,95 - 19,50	m ³ /min 10,30 - 23,30	m ³ /min 12,33 - 28,00
Rated power	kW 110	kW 132	kW 160	kW 200
Separate fan motor	kW 5,5	kW 5,5	kW 5,5	kW 5,5
Permiss. disch. duct p.drop	Pa 200	Pa 160	Pa 120	Pa 80
Max. useable warm air	m ³ /h 24000	m ³ /h 24000	m ³ /h 24000	m ³ /h 24000
Required air inlet opening	m ² 2,5	m ² 3	m ² 4	m ² 5
Insulation class drive motor	IP 55			
Electrical supply	400 V / 3 / 50 Hz			
Dimensions W x D x H	mm 4270 x 1750 x 2385			
Compressed air connection	DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16
Weight	kg 5250	kg 5400	kg 5550	kg 5700
Sound pressure level ¹⁾	dB(A) 79	dB(A) 79	dB(A) 80	dB(A) 82
Condensate separation	2x condensate separator, 4x electronic condensate drain ECO-DRAIN			
Rotation dryer (RD)				
Pressure dew point ²⁾ at 6 bar gauge pressure	- 26 °C	- 26 °C	- 25 °C	- 24 °C
Pressure dew point ²⁾ at 8 bar gauge pressure	- 33 °C	- 32 °C	- 31 °C	- 30 °C
Pressure dew point ²⁾ at 10 bar gauge pressure	- 36 °C	- 35 °C	- 34 °C	- 33 °C
Frequency converter	made Siemens			
Certified acc. to EMC directive EN 55011	● (class A1 for industrial networks)			
Noise filter and mains commutating choke	●			
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	●			

Version with SIGMA CONTROL 2

	6 bar _(g)	8 bar _(g)	10 bar _(g)	
Part No.	screw	screw	screw	screw
Part No.	screw	screw	screw	screw
Part No.	screw	screw	screw	screw
Price	€ 298.945,-	€ 311.295,-	€ 335.630,-	€ 357.900,-
Communication module	€/Set material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-			
Conn. cable (for base load switching)	€/m material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70			
Connec. plug set per compr.	€/Set material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-			

configurable options

material group 59

Pressure dew point options			
Pressure dew point measurement	€	3.125,-	
Pressure dew point adjustment	€	7.055,-	8.565,-
Pressure dew point control	€	8.980,-	10.340,-
Adjustable machine mountings	€	1.405,-	
Silencer for ventilation opening	€	1.055,-	
Heat exchanger after RD	€	8.890,-	
Cooling air filter mats	€	1.580,-	

non-configurable options (extended delivery time)

Special colour (RAL no.)	€	2.850,-	
External air inlet	€	425,-	

Accessories

material group 67

Axial compensator	Connection, Part No.	€	165 mm, 8.0787.00010, 380,-
Butterfly valve	Part No.	€	8.0743.2, 274,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

²⁾ Pressure dew points applies to ambient temperature +20°C, rel. humidity 60%, inlet pressure 1 bar(a)

Price list

Dry-Running Screw Compressors

OIL.FREE AIR

**37 - 90 kW,
air-cooled,
with ref. dryer**
material group 71



CSG-2 T air-cooled

CSG-2 T series air-cooled

		CSG 55-2 T A	CSG 70-2 T A	CSG 90-2 T A	CSG 120-2 T A	CSG 130-2 T A
FAD (ISO 1217:2009, Annex C)						
at 4 bar gauge pressure	m ³ /min	on request	8,92	10,52	12,97	-
at 6 bar gauge pressure	m ³ /min	on request	7,77	9,62	12,92	-
at 8 bar gauge pressure	m ³ /min	5,40	6,65	8,80	12,00	12,88
at 10 bar gauge pressure	m ³ /min	-	-	7,67	10,43	12,85
Rated power	kW	37	45	55	75	90
Separate fan motor	kW	2,2	2,2	2,2	2,2	2,2
Permiss. disch. duct p.drop	Pa	80	70	70	60	60
Max. useable warm air	m ³ /h	13000	13000	13000	13000	13000
Required air inlet opening	m ²	1,5	1,7	2	2,3	2,7
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	2840 x 1660 x 2145				
Compressed air connection		DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg	2520	2560	2625	2765	2890
Sound pressure level ¹⁾	dB(A)	71	71	72	73	74
Condensate separation		3x condensate separator, 3x electronic condensate drain ECO-DRAIN				
Refrigeration dryer						
Power consumption	kW	1,2	1,2	1,2	1,2	1,2
Pressure dew point	°C	3	3	3	3	3
Pressure loss	bar	0,05	0,05	0,1	0,1	0,1
Refrigerant		R 134a	R 134a	R 134a	R 134a	R 134a
Refrigerant charge	kg	1,85	1,85	1,85	1,85	1,85
CO ₂ equivalent	t	2,6	2,6	2,6	2,6	2,6
Greenhouse warming potential		1430	1430	1430	1430	1430
Energy-efficient controller		•	•	•	•	•
Electronic condensate drain		• (Eco Drain)	• (Eco Drain)	• (Eco Drain)	• (Eco Drain)	• (Eco Drain)
Electrical installation EN 60204-1		•	•	•	•	•

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw	screw	-
6 bar _(g)	Part No.	screw	screw	screw	screw	-
8 bar _(g)	Part No.	screw	screw	screw	screw	screw
10 bar _(g)	Part No.	-	-	screw	screw	screw
Price	€	122.405,-	129.595,-	139.250,-	146.800,-	153.815,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

Silencer for ventilation opening	€	910,-
Adjustable machine mountings	€	915,-
Cooling air filter mats	€	1.180,-

material group 59

non-configurable options (extended delivery time)

Indoor installation to -10°C	€	2.550,-
Special colour (RAL no.)	€	2.110,-
Outdoor installation to -10°C (under a roof)		on request
External air inlet	€	335,-

Accessories

Axial compensator	Connection, Part No.	€	155 mm; 8.0786.00010; 344,-
Butterfly valve	Part No.	€	8.0742.2; 249,-
Compensator for outlet reg. air for HOC			DN65 PN25; 8.1782.0; 935,-

material group 67

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

KAESER Kompressoren SE, PO Box 2143, D-96410 Coburg, Phone: +49 9561-640-0, Fax: +49 9561-640-130

This price list supersedes all previous lists. Subject to technical modifications.

Recommended prices, excl. VAT, Prices in Euro, ex works Coburg, excl. packing

2nd issue

Valid from 01.01.2016

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www.kaeser.com

**Price list
Dry-Running
Screw Compressors
OIL.FREE AIR**

**KAESER
KOMPRESSOREN**

55 - 90 kW,
air-cooled,
frequency controlled,



CSG-2 T SFC air-cooled

material group 71

CSG-2 T SFC series air-cooled

	CSG 90-2 T SFC A	CSG 120-2 T SFC A	CSG 130-2 T SFC A
FAD (ISO 1217:2009, Annex C) at 4 bar gauge pressure	m ³ /min 3,32 - 10,62	3,94 - 13,23	4,23 - 13,35
at 6 bar gauge pressure	m ³ /min 3,23 - 9,45	4,51 - 12,31	4,64 - 13,26
at 8 bar gauge pressure	m ³ /min 3,47 - 8,20	5,08 - 11,20	5,05 - 13,17
at 10 bar gauge pressure	m ³ /min on request	4,81 - 10,00	5,47 - 12,57
Rated power	kW 55	75	90
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 2,2	2,2	2,2
Permiss. disch. duct p.drop	Pa 70	60	60
Max. useable warm air	m ³ /h 13000	13000	13000
Required air inlet opening	m ² 2,0	2,3	2,7
Insulation class drive motor	IP 55		
Electrical supply	400 V / 3 / 50 Hz		
Dimensions W x D x H	mm 2840 x 1660 x 2145		
Compressed air connection	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg 2685	2825	2950
Sound pressure level ¹⁾	dB(A) 72	73	74
Frequency converter	made Siemens		
Certified acc. to EMC directive EN 55011	• (class A1 for industrial networks)		
Noise filter and mains commutating choke	•		
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	•		
Condensate separation	3x condensate separator, 3x electronic condensate drain ECO-DRAIN		
Refrigeration dryer			
Power consumption	kW 1,2	1,2	1,2
Pressure dew point	°C 3	3	3
Pressure loss	bar 0,1	0,1	0,1
Refrigerant	R 134a	R 134a	R 134a
Refrigerant charge	kg 1,85	1,85	1,85
CO ₂ equivalent	t 2,6	2,6	2,6
Greenhouse warming potential	1430	1430	1430
Energy-efficient controller	•		
Electronic condensate drain	• (Eco Drain)	• (Eco Drain)	• (Eco Drain)
Electrical installation EN 60204-1	•		

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw
6 bar _(g)	Part No.	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw
10 bar _(g)	Part No.	screw	screw	screw
Price	€	154.185,-	163.495,-	173.120,-

configurable options

Silencer for ventilation opening	€	910,-	material group 59	
Adjustable machine mountings	€	915,-		
Cooling air filter mats	€	1.180,-		

non-configurable options (extended delivery time)

Indoor installation to -10°C	€	2.550,-		
Special colour (RAL no.)	€	2.110,-		
Outdoor installation to -10°C (under a roof)		on request		
External air inlet	€	335,-		

Accessories

Axial compensator	Connection, Part No.	€	155 mm; 8.0786.00010; 344,-	material group 67
Butterfly valve	Part No.	€	8.0742.2; 249,-	
Compensator for outlet reg. air for HOC		€	DN65PN25; 8.1782.0; 935,-	

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

37 - 90 kW,
water-cooled



CSG-2 water-cooled

material group 71

CSG-2 series water-cooled

		CSG 55-2 W	CSG 70-2 W	CSG 90-2 W	CSG 120-2 W	CSG 130-2 W
FAD (ISO 1217:2009, Annex C)						
at 4 bar gauge pressure	m ³ /min	7,95	9,05	10,67	13,10	-
at 6 bar gauge pressure	m ³ /min	6,85	7,92	9,78	13,07	-
at 8 bar gauge pressure	m ³ /min	5,57	6,82	8,97	12,15	13,03
at 10 bar gauge pressure	m ³ /min	on request	on request	7,83	10,58	13,00
Rated power	kW	37	45	55	75	90
Separate fan motor	kW	0,55	0,55	0,55	0,55	0,55
Permiss. disch. duct p.drop	Pa	60	60	60	60	60
Max. useable warm air	m ³ /h	4000	4000	4000	4000	4000
Required air inlet opening	m ²	0,5	0,5	0,5	0,5	0,5
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	2490 x 1660 x 1965				
Compressed air connection		DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg	2270	2310	2375	2515	2640
Sound pressure level ¹⁾	dB(A)	64	64	65	66	68
Cooling water connection		G 1 ¼	G 1 ¼	G 1 ¼	G 1 ¼	G 1 ¼
Cooling water pressure drop at delta T = 10 K		0,2 bar	0,2 bar	0,2 bar	0,3 bar	0,3 bar
Cooling water regulating valve		motor controlled valve for regulation of the cooling water temperature				
Condensate separation		2x condensate separator, 2x electronic condensate drain ECO-DRAIN				

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw	screw	-
6 bar _(g)	Part No.	screw	screw	screw	screw	-
8 bar _(g)	Part No.	screw	screw	screw	screw	screw
10 bar _(g)	Part No.	on request	on request	screw	screw	screw
Price	€	111.705,-	117.095,-	124.650,-	132.200,-	139.215,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

material group 59

Internal heat recovery system						
<u>with</u> water pump	€		10.245,-			11.490,-
<u>without</u> water pump	€		6.945,-			8.190,-
Outlet for regeneration air for HOC	€			4.345,-		
Adjustable machine mountings	€			915,-		
Additional heat exchanger after 2nd stage				11.750,-		

non-configurable options (extended delivery time)

Indoor installation to -10°C	€			on request		
Special colour (RAL no.)	€			2.110,-		
Outdoor installation to -10°C (under a roof)				on request		
External air inlet	€			335,-		

Accessories

material group 67

Axial compensator	Connection, Part No.	€	155 mm; 8.0786.00010; 344,-
Butterfly valve	Part No.	€	8.0742.2; 249,-
Compensator for outlet reg. air for HOC		€	DN65PN25; 8.1782.0; 935,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

KAESER
KOMPRESSOREN

90 - 200 kW,
water-cooled



DSG-2 water-cooled

material group 71

DSG-2 series water-cooled

	DSG 140-2 W	DSG 180-2 W	DSG 220-2 W	DSG 260-2 W	DSG 290-2 W	
FAD (ISO 1217:2009, Annex C)						
at 4 bar gauge pressure	m ³ /min	on request	21,70	26,15	28,61	
at 6 bar gauge pressure	m ³ /min	on request	19,20	23,00	26,10	
at 8 bar gauge pressure	m ³ /min	13,18	18,40	21,60	26,00	
at 10 bar gauge pressure	m ³ /min	13,12	16,10	19,10	22,90	
Rated power	kW	90	110	132	160	
Separate fan motor	kW	0,55	0,55	0,55	0,55	
Permiss. disch. duct p.drop	Pa	80	80	80	80	
Max. useable warm air	m ³ /h	4500	4500	4500	4500	
Required air inlet opening	m ²	0,5	0,5	0,5	1	
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	3435 x 1750 x 2060				
Compressed air connection		DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16	
Weight	kg	3100	3250	3400	3550	
Sound pressure level ¹⁾	dB(A)	69	70	71	74	
Cooling water connection		G 1 1/2	G 1 1/2	G 1 1/2	G 1 1/2	
Cooling water pressure drop at delta T = 10 K		0,3 bar	0,4 bar	0,5 bar	0,8 bar	
Cooling water regulating valve		motor controlled valve for regulation of the cooling water temperature				
Condensate separation		2x condensate separator, 2x electronic condensate drain ECO-DRAIN				

Version with SIGMA CONTROL 2

	4 bar _(g)	6 bar _(g)	8 bar _(g)	10 bar _(a)	Part No.	
					on request	
					screw	
					screw	
					screw	
					screw	
Price	€	177.335,-	185.190,-	197.540,-	212.125,-	
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

material group 59

Internal heat recovery system					
<u>with</u> water pump	€		12.555,-		15.310,-
<u>without</u> water pump	€		9.255,-		12.010,-
Outlet for regeneration air for HOC	€			5.045,-	
Adjustable machine mountings	€			1.405,-	
Additional heat exchanger after 2nd stage				14.585,-	

non-configurable options (extended delivery time)

Indoor installation to -10°C	€				on request
Special colour (RAL no.)	€			2.850,-	
Outdoor installation to -10°C (under a roof)					on request
External air inlet	€			425,-	
Separable base frame	€				on request

Accessories

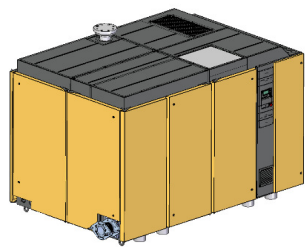
material group 67

Axial compensator	Connection, Part No. €		165 mm, 8.0787.00010, 380,-
Butterfly valve	Part No. €		8.0743.2, 274,-
Compensator for outlet reg. air for HOC			180 mm, PN25; 8.1722.0, 1.035,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list Dry-Running Screw Compressors OIL.FREE AIR

160 - 355 kW,
water-cooled



FSG-2 water-cooled

material group 71

FSG-2 series water-cooled

	FSG 300-2 W	FSG 350-2 W	FSG 420-2 W	FSG 450-2 W	FSG 500-2 W	FSG 520-2 W
FAD (ISO 1217:2009, Annex C) at 4 bar gauge pressure	m ³ /min	35,12	42,15	50,14	-	-
at 6 bar gauge pressure	m ³ /min	29,40	37,30	45,70	50,10	-
at 8 bar gauge pressure	m ³ /min	29,30	34,90	42,00	45,60	50,00
at 10 bar gauge pressure	m ³ /min	on request	29,20	37,10	41,90	45,60
Rated power	kW	160	200	250	315	355
Separate fan motor	kW	0,7	0,7	0,7	0,7	0,7
Permiss. disch. duct p.drop	Pa	80	80	80	80	80
Max. useable warm air	m ³ /h	7000	7000	7000	7000	7000
Required air inlet opening	m ²	1	1	1	1	1
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	3190 x 2095 x 2135				
Compressed air connection		DN125 PN16	DN125 PN16	DN125 PN16	DN125 PN16	DN125 PN16
Weight	kg	5100	5300	5550	5700	5900
Sound pressure level ¹⁾	dB(A)	74	75	75	75	76
Cooling water connection		G 2	G 2	G 2	G 2	G 2
Cooling water pressure drop at delta T = 10 K		0,2 bar	0,3 bar	0,3 bar	0,4 bar	0,5 bar
Cooling water regulating valve		motor controlled valve for regulation of the cooling water temperature				
Condensate separation		2x condensate separator, 2x electronic condensate drain ECO-DRAIN				

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw	-	-	-
6 bar _(g)	Part No.	screw	screw	screw	screw	-	-
8 bar _(g)	Part No.	screw	screw	screw	screw	screw	-
10 bar _(g)	Part No.	on request	screw	screw	screw	screw	screw
Price	€	277.230,-	290.695,-	303.040,-	331.105,-	331.105,-	342.890,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-					
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70					
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-					

configurable options

		material group 59					
Internal heat recovery system							
<u>with</u> water pump	€	16.930,-			21.825,-		
<u>without</u> water pump	€	13.630,-			18.525,-		
Outlet for regeneration air for HOC		6.560,-					
Adjustable machine mountings	€	1.495,-					

non-configurable options (extended delivery time)

Indoor installation to -10°C	€	on request					
Special colour (RAL no.)	€	3.845,-					
Outdoor installation to -10°C (under a roof)		on request					
External air inlet	€	630,-					
Separable base frame	€	on request					

Accessories

		material group 67					
Axial compensator	Connection, Part No. €	185 mm, 8.0788.00020, 526,-					
Butterfly valve	Part No. €	8.0745.2, 472,-					
Compensator for outlet reg. air for HOC		235 mm, PN25; 8.1723.0, 1.135,-					

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

**Price list
Dry-Running
Screw Compressors
OIL.FREE AIR**

**KAESER
KOMPRESSOREN**

**55 - 90 kW,
water-cooled,
frequency controlled**



CSG-2 SFC water-cooled

material group 71

CSG-2 SFC series water-cooled

	CSG 90-2 SFC W	CSG 120-2 SFC W	CSG 130-2 SFC W
FAD (ISO 1217:2009, Annex C)			
at 4 bar gauge pressure	m ³ /min 3,49 - 10,85	4,20 - 13,27	4,40 - 13,48
at 6 bar gauge pressure	m ³ /min 3,62 - 9,77	4,18 - 12,61	4,33 - 13,44
at 8 bar gauge pressure	m ³ /min 3,84 - 8,58	4,21 - 11,56	4,26 - 13,40
at 10 bar gauge pressure	m ³ /min 3,96 - 7,57	4,23 - 10,52	4,20 - 13,02
Rated power	kW 55	75	90
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 0,55	0,55	0,55
Permiss. disch. duct p.drop	Pa 60	60	60
Max. useable warm air	m ³ /h 4000	4000	4000
Required air inlet opening	m ² 0,5	0,5	0,5
Insulation class drive motor	IP 55		
Electrical supply	400 V / 3 / 50 Hz		
Dimensions W x D x H	2490 x 1660 x 1965		
Compressed air connection	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg 2435	2575	2700
Sound pressure level ¹⁾	dB(A) 65	66	68
Cooling water connection	G 1 1/4	G 1 1/4	G 1 1/4
Cooling water pressure drop at delta T = 10 K	0,2 bar	0,3 bar	0,3 bar
Cooling water regulating valve	<ul style="list-style-type: none"> motor controlled valve for regulation of the cooling water temperature 		
Frequency converter	made Siemens		
Certified acc. to EMC directive EN 55011	<ul style="list-style-type: none"> (class A1 for industrial networks) 		
Noise filter and mains commutating choke	•		
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	•		
Condensate separation	•		
	2x condensate separator, 2x electronic condensate drain ECO-DRAIN		

Version with SIGMA CONTROL 2

	Part No.			
4 bar _(g)	Part No.	screw	screw	screw
6 bar _(g)	Part No.	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw
10 bar _(a)	Part No.	screw	screw	screw
Price	€	139.585,-	148.895,-	158.520,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-		
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70		
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-		

configurable options

	€			
Internal heat recovery system				
with water pump	€	10.245,-	11.490,-	
without water pump	€	6.945,-	8.190,-	
Adjustable machine mountings	€		915,-	
Additional heat exchanger after 2nd stage			11.750,-	

non-configurable options (extended delivery time)

	€			
Indoor installation to -10°C	€		on request	
Special colour (RAL no.)	€		2.110,-	
Outdoor installation to -10°C (under a roof)			on request	
External air inlet	€		335,-	

Accessories

	Connection, Part No.	€		
Axial compensator	Part No. €		155 mm; 8.0786.00010; 344,-	
Butterfly valve	Part No. €		8.0742.2; 249,-	
Compensator for outlet reg. air for HOC			DN65PN25; 8.1782.0; 935,-	

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list Dry-Running Screw Compressors OIL.FREE AIR

**110 - 200 kW,
water-cooled,
frequency controlled**



DSG-2 SFC water-cooled

material group 71

DSG-2 SFC series water-cooled

	DSG 180-2 SFC W	DSG 220-2 SFC W	DSG 260-2 SFC W	DSG 290-2 SFC W
FAD (ISO 1217:2009, Annex C) at 4 bar gauge pressure	m ³ /min 8,58 - 22,52	m ³ /min 7,84 - 22,51	m ³ /min 8,59 - 27,71	m ³ /min 9,07 - 30,09
at 6 bar gauge pressure	m ³ /min 9,46 - 20,79	m ³ /min 8,68 - 22,45	m ³ /min 9,36 - 27,66	m ³ /min 10,27 - 30,04
at 8 bar gauge pressure	m ³ /min 8,51 - 18,56	m ³ /min 9,51 - 21,80	m ³ /min 9,62 - 25,44	m ³ /min 11,47 - 30,00
at 10 bar gauge pressure	m ³ /min 9,54 - 16,43	m ³ /min 9,95 - 19,50	m ³ /min 10,30 - 23,30	m ³ /min 12,33 - 28,00
Rated power	kW 110	kW 132	kW 160	kW 200
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 0,55	kW 0,55	kW 0,55	kW 0,55
Permiss. disch. duct p.drop	Pa 80	Pa 80	Pa 80	Pa 80
Max. useable warm air	m ³ /h 4500	m ³ /h 4500	m ³ /h 4500	m ³ /h 4500
Required air inlet opening	m ² 0,4	m ² 0,5	m ² 0,6	m ² 0,7
Insulation class drive motor	IP 55			
Electrical supply	400 V / 3 / 50 Hz			
Dimensions W x D x H	mm 3435 x 1750 x 2060			
Compressed air connection	DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16
Weight	kg 3850	kg 4000	kg 4150	kg 4300
Sound pressure level ¹⁾	dB(A) 71	dB(A) 72	dB(A) 75	dB(A) 76
Cooling water connection	G 1 1/2	G 1 1/2	G 1 1/2	G 1 1/2
Cooling water pressure drop at delta T = 10 K	0,4 bar	0,6 bar	0,8 bar	1,3 bar
Cooling water regulating valve	• motor controlled valve for regulation of the cooling water temperature			
Frequency converter	made Siemens			
Certified acc. to EMC directive EN 55011	• (class A1 for industrial networks)			
Noise filter and mains commutating choke	•			
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	•			
Condensate separation	2x condensate separator, 2x electronic condensate drain ECO-DRAIN			

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw	screw
6 bar _(g)	Part No.	screw	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw	screw
10 bar _(a)	Part No.	screw	screw	screw	screw
Price	€	217.045,-	229.395,-	253.730,-	276.000,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-			
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70			
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-			

configurable options

material group 59

Internal heat recovery system				
<u>with</u> water pump	€	12.555,-		15.310,-
<u>without</u> water pump	€	9.255,-		12.010,-
Outlet for regeneration air for HOC	€		5.045,-	
Adjustable machine mountings	€		1.405,-	
Additional heat exchanger after 2nd s	€		14.585,-	

non-configurable options (extended delivery time)

Indoor installation to -10°C	€		on request	
Special colour (RAL no.)	€		2.850,-	
Outdoor installation to -10°C (under a roof)			on request	
External air inlet	€		425,-	
Separable base frame	€		on request	

Accessories

material group 67

Axial compensator	Connection, Part No.	€	165 mm, 8.0787.00010, 380,-
Butterfly valve	Part No.	€	8.0743.2, 274,-
Compensator for outlet reg. air for HOC		€	180 mm, PN25; 8.1722.0, 1.035,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

**Price list
Dry-Running
Screw Compressors
OIL.FREE AIR**

**KAESER
KOMPRESSOREN**

250 - 355 kW,
water-cooled,
frequency controlled



FSG-2 SFC water-cooled

material group 71

FSG-2 SFC series water-cooled

	FSG 420-2 SFC W	FSG 500-2 SFC W	FSG 520-2 SFC W
FAD (ISO 1217:2009, Annex C)			
at 4 bar gauge pressure	m ³ /min 12,95 - 48,53	15,48 - 50,77	15,48 - 50,77
at 6 bar gauge pressure	m ³ /min 14,79 - 44,56	16,94 - 50,70	16,94 - 50,70
at 8 bar gauge pressure	m ³ /min 16,63 - 40,57	18,41 - 47,53	18,41 - 50,64
at 10 bar gauge pressure	m ³ /min 18,48 - 36,54	19,88 - 43,57	19,88 - 50,57
Rated power	kW 250	315	355
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 2	2	2
Permiss. disch. duct p.drop	Pa 80	80	80
Max. useable warm air	m ³ /h 13000	13000	13000
Required air inlet opening	m ² 1	1	1
Insulation class drive motor	IP 55		
Electrical supply	400 V / 3 / 50 Hz		
Dimensions W x D x H	3790 x 2095 x 2315		
Compressed air connection	DN125 PN16	DN125 PN16	DN125 PN16
Weight	kg 6350	6500	6750
Sound pressure level ¹⁾	dB(A) 76	77	77
Cooling water connection	G 2	G 2	G 2
Cooling water pressure drop at delta T = 10 K	0,4 bar	0,5 bar	0,7 bar
Cooling water regulating valve	• motor controlled valve for regulation of the cooling water temperature		
Frequency converter	made Siemens		
Certified acc. to EMC directive EN 55011	• (class A1 for industrial networks)		
Noise filter and mains commutating choke	•		
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	•		
Condensate separation	•		
	2x condensate separator, 2x electronic condensate drain ECO-DRAIN		

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw
6 bar _(g)	Part No.	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw
10 bar _(a)	Part No.	screw	screw	screw
Price	€ / Set	362.480,-	403.175,-	434.090,-
Communication module	€ / Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-		
Conn. cable (for base load switching)	€ / m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70		
Connec. plug set per compr.	€ / Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-		

configurable options

Internal heat recovery system				material group 59
<u>with</u> water pump	€		21.825,-	
<u>without</u> water pump	€		18.525,-	
Outlet for regeneration air for HOC	€		6.560,-	
Adjustable machine mountings	€		1.495,-	

non-configurable options (extended delivery time)

Indoor installation to -10°C	€		on request	
Special colour (RAL no.)	€		3.845,-	
Outdoor installation to -10°C (under a roof)	€		on request	
External air inlet	€		630,-	
Separable base frame	€		on request	

Accessories

Axial compensator	Connection, Part No.	€	185 mm, 8.0788.00020, 526,-	material group 67
Butterfly valve	Part No.	€	8.0745.2, 472,-	
Compensator for outlet reg. air for HOC		€	235 mm, PN25; 8.1723.0, 1.135,-	

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

37 - 90 kW,
water-cooled,
i. HOC

material group 71

CSG-2 RD series water-cooled

CSG-2 RD water-cooled

FAD (ISO 1217:2009, Annex C)	
at 6 bar gauge pressure	m ³ /min
at 8 bar gauge pressure	m ³ /min
at 10 bar gauge pressure	m ³ /min
Rated power	kW
Separate fan motor	kW
Permiss. disch. duct p.drop	Pa
Max. useable warm air	m ³ /h
Required air inlet opening	m ²
Insulation class drive motor	
Electrical supply	
Dimensions W x D x H	mm
Compressed air connection	
Weight	kg
Sound pressure level ¹⁾	dB(A)
Cooling water connection	
Cooling water pressure drop at delta T = 10 K	
Cooling water regulating valve	
Condensate separation	
Rotation dryer (RD)	
Pressure dew point ²⁾ at 6 bar gauge pressure	
Pressure dew point ²⁾ at 8 bar gauge pressure	
Pressure dew point ²⁾ at 10 bar gauge pressure	

CSG 55-2 RD W	CSG 70-2 RD W	CSG 90-2 RD W	CSG 120-2 RD W	CSG 130-2 RD W
6,85	7,92	9,78	13,07	-
5,57	6,82	8,97	12,15	13,03
on request	on request	7,83	10,58	13,00
37	45	55	75	90
0,55	0,55	0,55	0,55	0,55
60	60	60	60	60
4000	4000	4000	4000	4000
0,5	0,5	0,5	0,5	0,5
IP 55				
400 V / 3 / 50 Hz				
3140 x 1660 x 1965				
DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16
2985	3025	3090	3230	3355
64	64	65	66	68
G 1 ¼	G 1 ¼	G 1 ¼	G 1 ¼	G 1 ¼
0,2 bar	0,2 bar	0,2 bar	0,3 bar	0,3 bar
● motor controlled valve for regulation of the cooling water temperature				
2x condensate separator, 4x electronic condensate drain ECO-DRAIN				
-25	-24	-23	-20	-
-33	-32	-31	-29	-29
on request	on request	-35	-34	-33

Version with SIGMA CONTROL 2

6 bar _(g)	Part No.
8 bar _(a)	Part No.
10 bar _(a)	Part No.
Price	€
Communication module	€/Set
Conn. cable (for base load switching)	€/m
Connec. plug set per compr.	€/Set

screw	screw	screw	screw	screw
screw	screw	screw	screw	screw
on request	on request	screw	screw	screw
166.205,-	171.595,-	179.150,-	191.700,-	198.715,-
material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

Pressure dew point options	
Pressure dew point measurement	€
Pressure dew point adjustment	€
Pressure dew point control	€
Internal heat recovery system	
<u>with</u> water pump	€
<u>without</u> water pump	€
Adjustable machine mountings	€
Heat exchanger after RD	€
Additional heat exchanger after 2nd stage	€

material group 59				
3.125,-				
		6.350,-		7.710,-
		8.275,-		9.485,-
		10.245,-		11.490,-
		6.945,-		8.190,-
		915,-		
		8.250,-		
		11.750,-		

non-configurable options (extended delivery time)

Special colour (RAL no.)	€
External air inlet	€

2.110,-				
335,-				

Accessories

Axial compensator	Connection, Part No.	€
Butterfly valve	Part No.	€

material group 67				
		8.0742.2; 249,-		
		DN65PN25; 8.1782.0; 935,-		

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)
²⁾ Pressure dew points applies to ambient temperature +20°C, rel. humidity 60%, inlet pressure 1 bar(a)

Price list Dry-Running Screw Compressors OIL.FREE AIR

90 - 200 kW,
water-cooled,
i. HOC

material group 71



DSG-2 RD water-cooled

DSG-2 RD series water-cooled

	DSG 140-2 RD W	DSG 180-2 RD W	DSG 220-2 RD W	DSG 260-2 RD W	DSG 290-2 RD W	
FAD (ISO 1217:2009, Annex C)						
at 6 bar gauge pressure	m ³ /min	on request	19,20	23,00	26,10	28,55
at 8 bar gauge pressure	m ³ /min	13,18	18,40	21,60	26,00	28,50
at 10 bar gauge pressure	m ³ /min	13,12	16,10	19,10	22,90	26,00
Rated power	kW	90	110	132	160	200
Separate fan motor	kW	0,55	0,55	0,55	0,55	0,55
Permiss. disch. duct p.drop	Pa	80	80	80	80	80
Max. useable warm air	m ³ /h	4500	4500	4500	4500	4500
Required air inlet opening	m ²	0,5	0,5	0,5	1	1
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	4270 x 1750 x 2060				
Compressed air connection		DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16
Weight	kg	4200	4350	4500	4650	4800
Sound pressure level ¹⁾	dB(A)	69	70	71	74	75
Cooling water connection		G 1 1/2	G 1 1/2	G 1 1/2	G 1 1/2	G 1 1/2
Cooling water pressure drop at delta T = 10 K		0,3 bar	0,4 bar	0,5 bar	0,8 bar	1,0 bar
Cooling water regulating valve		• motor controlled valve for regulation of the cooling water temperature				
Condensate separation		2x condensate separator, 4x electronic condensate drain ECO-DRAIN				
Rotation dryer (RD)						
Pressure dew point ²⁾ at 6 bar gauge pressure		on request	- 24 °C	- 24 °C	- 25 °C	- 24 °C
Pressure dew point ²⁾ at 8 bar gauge pressure		- 32 °C	- 33 °C	- 33 °C	- 33 °C	- 33 °C
Pressure dew point ²⁾ at 10 bar gauge pressure		- 36 °C	- 36 °C	- 36 °C	- 36 °C	- 36 °C

Version with SIGMA CONTROL 2

6 bar _(g)	Part No.	on request	screw	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw	screw	screw
10 bar _(g)	Part No.	screw	screw	screw	screw	screw
Price	€	259.235,-	267.090,-	279.440,-	294.025,-	307.500,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-				
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70				
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-				

configurable options

material group 59

Pressure dew point options					
Pressure dew point measurement	€	3.125,-			
Pressure dew point adjustment	€	7.055,-		8.565,-	
Pressure dew point control	€	8.980,-		10.340,-	
Internal heat recovery system					
<u>with</u> water pump	€	12.555,-		15.310,-	
<u>without</u> water pump	€	9.255,-		12.010,-	
Adjustable machine mountings	€	1.405,-			
Heat exchanger after RD	€	10.035,-			
Additional heat exchanger after 2nd st	€	14.585,-			
non-configurable options (extended delivery time)					
Special colour (RAL no.)	€	2.850,-			
External air inlet	€	425,-			

Accessories

material group 67

Axial compensator	Connection, Part No.	€	155 mm; 8.0787.00010; 380,-
Butterfly valve	Part No.	€	8.0743.2; 274,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

²⁾ Pressure dew points applies to ambient temperature +20°C, rel. humidity 60%, inlet pressure 1 bar(a)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

KAESER
KOMPRESSOREN

55 - 90 kW,
water-cooled,
frequency controlled



CSG-2 RD SFC water-cooled

material group 71

CSG-2 RD SFC series water-cooled

	CSG 90-2 RD SFC W	CSG 120-2 RD SFC W	CSG 130-2 RD SFC W
FAD (ISO 1217:2009, Annex C) at 6 bar gauge pressure	m ³ /min 3,62 - 9,77	4,18 - 12,61	4,33 - 13,44
at 8 bar gauge pressure	m ³ /min 3,84 - 8,58	4,21 - 11,56	4,26 - 13,40
at 10 bar gauge pressure	m ³ /min 3,96 - 7,57	4,23 - 10,52	4,20 - 13,02
Rated power	kW 55	75	90
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 0,55	0,55	0,55
Permiss. disch. duct p.drop	Pa 60	60	60
Max. useable warm air	m ³ /h 4000	4000	4000
Required air inlet opening	m ² 0,5	0,5	0,5
Insulation class drive motor	IP 55		
Electrical supply	400 V / 3 / 50 Hz		
Dimensions W x D x H	3140 x 1660 x 1965		
Compressed air connection	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg 3150	3290	3415
Sound pressure level ¹⁾	dB(A) 65	66	68
Condensate separation	2x condensate separator, 4x electronic condensate drain ECO-DRAIN		
Rotation dryer (RD)			
Pressure dew point ²⁾ at 6 bar gauge pressure	-23	-20	-19
Pressure dew point ²⁾ at 8 bar gauge pressure	-31	-29	-28
Pressure dew point ²⁾ at 10 bar gauge pressure	-35	-34	-33
Frequency converter	made Siemens		
Certified acc. to EMC directive EN 55011	• (class A1 for industrial networks)		
Noise filter and mains commutating choke	•		
Continuous running test, IGBT technology,	•		
cos phi nearly 1, control cabinet IP 54	•		

Version with SIGMA CONTROL 2

6 bar _(g)	Part No.	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw
10 bar _(g)	Part No.	screw	screw	screw
Price	€	199.085,-	208.935,-	218.020,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-		
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70		
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-		

configurable options

material group 59

Pressure dew point options			
Pressure dew point measurement	€	3.125,-	
Pressure dew point adjustment	€	6.350,-	7.710,-
Pressure dew point control	€	8.275,-	9.485,-
Internal heat recovery system			
<u>with</u> water pump	€	10.245,-	11.490,-
<u>without</u> water pump	€	6.945,-	8.190,-
Adjustable machine mountings	€	915,-	
Heat exchanger after RD	€	8.250,-	
Additional heat exchanger after 2nd stage		11.750,-	

non-configurable options (extended delivery time)

Special colour (RAL no.)	€	2.110,-
External air inlet	€	335,-

Accessories

material group 67

Axial compensator	Connection, Part No.	€	155 mm; 8.0786.00010; 344,-
Butterfly valve	Part No.	€	8.0742.2; 249,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

²⁾ Pressure dew points applies to ambient temperature +20°C, rel. humidity 60%, inlet pressure 1 bar(a)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

KAESER
KOMPRESSOREN

110 - 200 kW,
water-cooled,
frequency controlled



DSG-2 RD SFC water-cooled

material group 71

DSG-2 RD SFC series water-cooled

		DSG 180-2 RD SFC W	DSG 220-2 RD SFC W	DSG 260-2 RD SFC W	DSG 290-2 RD SFC W
FAD (ISO 1217:2009, Annex C) at 6 bar gauge pressure	m ³ /min	9,46 - 20,79	8,68 - 22,45	9,36 - 27,66	10,27 - 30,04
at 8 bar gauge pressure	m ³ /min	8,51 - 18,56	9,51 - 21,80	9,62 - 25,44	11,47 - 30,00
at 10 bar gauge pressure	m ³ /min	9,54 - 16,43	9,95 - 19,50	10,30 - 23,30	12,33 - 28,00
Rated power	kW	110	132	160	200
Minimum pressure band width		+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW	0,55	0,55	0,55	0,55
Permiss. disch. duct p.drop	Pa	80	80	80	80
Max. useable warm air	m ³ /h	4500	4500	4500	4500
Required air inlet opening	m ²	2,3	2,5	3	5
Insulation class drive motor		IP 55			
Electrical supply		400 V / 3 / 50 Hz			
Dimensions W x D x H	mm	4270 x 1750 x 2060			
Compressed air connection		DN80 PN16	DN80 PN16	DN80 PN16	DN80 PN16
Weight	kg	4950	5100	5250	5400
Sound pressure level ¹⁾	dB(A)	71	72	75	76
Condensate separation		2x condensate separator, 4x electronic condensate drain ECO-DRAIN			
Rotation dryer (RD)					
Pressure dew point ²⁾ at 6 bar gauge pressure		- 24 °C	- 25 °C	- 24 °C	- 25 °C
Pressure dew point ²⁾ at 8 bar gauge pressure		- 32 °C	- 33 °C	- 33 °C	- 33 °C
Pressure dew point ²⁾ at 10 bar gauge pressure		- 36 °C	- 36 °C	- 36 °C	- 36 °C
Frequency converter		made Siemens			
Certified acc. to EMC directive EN 55011		• (class A1 for industrial networks)			
Noise filter and mains commutating choke		•			
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54		•			

Version with SIGMA CONTROL 2

6 bar _(g)	Part No.	screw	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw	screw
10 bar _(g)	Part No.	screw	screw	screw	screw
Price	€	298.945,-	311.295,-	335.630,-	357.900,-
Communication module	€/Set	material group 61 / PROFIBUS DP / 7.5250.01880 / 460,-			
Conn. cable (for base load switching)	€/m	material group 61 / Industrial Ethernet cable / CAT 5e, shielded, 2x2x0,64/1,5 / 7.7629.0 / 3,70			
Connec. plug set per compr.	€/Set	material group 61 / Ethernet plug RJ45, EMV screw fitting / 7.5250.01870 / 56,-			

configurable options

material group 59

Pressure dew point options					
Pressure dew point measurement	€	3.125,-			
Pressure dew point adjustment	€	7.055,-		8.565,-	
Pressure dew point control	€	8.980,-		10.340,-	
Internal heat recovery system					
<u>with</u> water pump	€	12.555,-		15.310,-	
<u>without</u> water pump	€	9.255,-		12.010,-	
Adjustable machine mountings	€	1.405,-			
Heat exchanger after RD	€	10.035,-			
Additional heat exchanger after 2nd stage	€	14.585,-			

non-configurable options (extended delivery time)

Special colour (RAL no.)	€	2.850,-			
External air inlet	€	425,-			

Accessories

material group 67

Axial compensator	Connection, Part No.	€	165 mm, 8.0787.00010, 380,-
Butterfly valve	Part No.	€	8.0743.2, 274,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

²⁾ Pressure dew points applies to ambient temperature +20°C, rel. humidity 60%, inlet pressure 1 bar(a)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

37 - 90 kW,
water-cooled,
with ref. dryer

material group 71



CSG-2 T water-cooled

CSG-2 T series water-cooled

		CSG 55-2 T W	CSG 70-2 T W	CSG 90-2 T W	CSG 120-2 T W	CSG 130-2 T W
FAD (ISO 1217:2009, Annex C)						
at 4 bar gauge pressure	m ³ /min	on request	8,92	10,52	12,97	-
at 6 bar gauge pressure	m ³ /min	on request	7,77	9,62	12,92	-
at 8 bar gauge pressure	m ³ /min	5,40	6,65	8,80	12,00	12,88
at 10 bar gauge pressure	m ³ /min	-	-	7,67	10,43	12,85
Rated power	kW	37	45	55	75	90
Separate fan motor	kW	0,55	0,55	0,55	0,55	0,55
Permiss. disch. duct p.drop	Pa	60	60	60	60	60
Max. useable warm air	m ³ /h	4000	4000	4000	4000	4000
Required air inlet opening	m ²	1	1	1	1	1
Insulation class drive motor		IP 55				
Electrical supply		400 V / 3 / 50 Hz				
Dimensions W x D x H	mm	2840 x 1660 x 1965				
Compressed air connection		DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg	2520	2560	2625	2765	2890
Sound pressure level ¹⁾	dB(A)	64	64	65	66	68
Cooling water connection		G 1 1/2	G 1 1/2	G 1 1/2	G 1 1/2	G 1 1/2
Cooling water pressure drop at delta T = 10 K		0,2 bar	0,2 bar	0,2 bar	0,3 bar	0,3 bar
Cooling water regulating valve		• motor controlled valve for regulation of the cooling water temperature				
Condensate separation		3x condensate separator, 3x electronic condensate drain ECO-DRAIN				
Refrigeration dryer						
Power consumption	kW	1,2	1,2	1,2	1,2	1,2
Pressure dew point	°C	3	3	3	3	3
Pressure loss	bar	0,05	0,05	0,1	0,1	0,1
Refrigerant		R 134a	R 134a	R 134a	R 134a	R 134a
Refrigerant charge	kg	1,85	1,85	1,85	1,85	1,85
CO ₂ equivalent	t	2,6	2,6	2,6	2,6	2,6
Greenhouse warming potential		1430	1430	1430	1430	1430
Energy-efficient controller		•	•	•	•	•
Electronic condensate drain		• (Eco Drain)	• (Eco Drain)	• (Eco Drain)	• (Eco Drain)	• (Eco Drain)
Electrical installation EN 60204-1		•	•	•	•	•

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	on request	screw	screw	screw	-
6 bar _(g)	Part No.	on request	screw	screw	screw	-
8 bar _(g)	Part No.	screw	screw	screw	screw	screw
10 bar _(g)	Part No.	-	-	screw	screw	screw
Price	€	122.405,-	129.595,-	139.250,-	146.800,-	153.815,-

material group 59

configurable options

Internal heat recovery system						
<u>with</u> water pump	€		10.245,-			11.490,-
<u>without</u> water pump	€		6.945,-			8.190,-
Adjustable machine mountings	€			915,-		
Additional heat exchanger after 2nd stage				11.750,-		

non-configurable options (extended delivery time)

Indoor installation to -10°C	€			on request		
Special colour (RAL no.)	€			2.110,-		
External air inlet	€			335,-		

Accessories

material group 67

Axial compensator	Connection, Part No.	€	155 mm; 8.0786.00010; 344,-
Butterfly valve	Part No.	€	8.0742.2; 249,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

Price list
Dry-Running
Screw Compressors
OIL.FREE AIR 

KAESER
KOMPRESSOREN

55 - 90 kW,
water-cooled,
frequency controlled,



CSG-2 T SFC water-cooled

material group 71

CSG-2 T SFC series water-cooled

	CSG 90-2 T SFC W	CSG 120-2 T SFC W	CSG 130-2 T SFC W
FAD (ISO 1217:2009, Annex C)			
at 4 bar gauge pressure	m ³ /min 3,49 - 10,85	4,20 - 13,27	4,40 - 13,48
at 6 bar gauge pressure	m ³ /min 3,62 - 9,77	4,18 - 12,61	4,33 - 13,44
at 8 bar gauge pressure	m ³ /min 3,84 - 8,58	4,21 - 11,56	4,26 - 13,40
at 10 bar gauge pressure	m ³ /min 3,96 - 7,57	4,23 - 10,52	4,20 - 13,02
Rated power	kW 55	75	90
Minimum pressure band width	+/- 0,1 bar	+/- 0,1 bar	+/- 0,1 bar
Separate fan motor	kW 0,55	0,55	0,55
Permiss. disch. duct p.drop	Pa 60	60	60
Max. useable warm air	m ³ /h 4000	4000	4000
Required air inlet opening	m ² 1	1	1
Insulation class drive motor	IP 55		
Electrical supply	400 V / 3 / 50 Hz		
Dimensions W x D x H	mm 2840 x 1660 x 1965		
Compressed air connection	DN65 PN16	DN65 PN16	DN65 PN16
Weight	kg 2685	2825	2950
Sound pressure level ¹⁾	dB(A) 65	66	68
Cooling water connection	G 1 1/4	G 1 1/4	G 1 1/4
Cooling water pressure drop at delta T = 10 K	0,2 bar	0,3 bar	0,3 bar
Cooling water regulating valve	• motor controlled valve for regulation of the cooling water temperature		
Frequency converter	made Siemens		
Certified acc. to EMC directive EN 55011	• (class A1 for industrial networks)		
Noise filter and mains commutating choke	•		
Continuous running test, IGBT technology, cos phi nearly 1, control cabinet IP 54	•		
Condensate separation	3x condensate separator, 3x electronic condensate drain ECO-DRAIN		
Refrigeration dryer			
Power consumption	kW 1,2	1,2	1,2
Pressure dew point	°C 3	3	3
Pressure loss	bar 0,1	0,1	0,1
Refrigerant	R 134a	R 134a	R 134a
Refrigerant charge	kg 1,85	1,85	1,85
CO ₂ equivalent	t 2,6	2,6	2,6
Greenhouse warming potential	1430	1430	1430
Energy-efficient controller	•		
Electronic condensate drain	• (Eco Drain)	• (Eco Drain)	• (Eco Drain)
Electrical installation EN 60204-1	•		

Version with SIGMA CONTROL 2

4 bar _(g)	Part No.	screw	screw	screw
6 bar _(g)	Part No.	screw	screw	screw
8 bar _(g)	Part No.	screw	screw	screw
10 bar _(g)	Part No.	screw	screw	screw
Price	€	154.185,-	163.495,-	173.120,-

material group 59

configurable options			
Internal heat recovery system			
<u>with</u> water pump	€ 10.245,-		11.490,-
<u>without</u> water pump	€ 6.945,-		8.190,-
Adjustable machine mountings	€	915,-	
Additional heat exchanger after 2nd stage		11.750,-	
non-configurable options (extended delivery time)			
Indoor installation to -10°C	€		on request
Special colour (RAL no.)	€		2.110,-
Outdoor installation to -10°C (under a roof)			on request
External air inlet	€		335,-

Accessories

material group 67

Axial compensator	Connection, Part No. €	155 mm; 8.0786.00010; 344,-
Butterfly valve	Part No. €	8.0742.2; 249,-

¹⁾ to ISO 2151 and ISO 9614-2; operation at max. working pressure, tolerance +/- 3 dB(A)

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This price list supersedes all previous lists. Subject to technical modifications.

Recommended prices, excl. VAT, Prices in Euro, ex works Coburg, excl. packing