SynFlex Elektro GmbH
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Cooling Fan CS Series

Due to the ingenious construction, it is possible to adapt just a few cooling fan sizes to a variety of differently sized motors with various motor shafts. The flat design of the yellow cooling fan even enables utilisation for motors with relatively short shaft ends. The material of the cooling fan is soft so that individual blades can be additionally cut. The height of the cooling fan can be reduced by another 10 % by processing the material.

The cooling fan has a 3-point jaw chuck which guarantees secure, central acceptance of the bushes and smooth running.12 cooling fans with large surfaces ensure perfect air volume flow.

Attributes

The CS series cooling fan is a yellow, mechanically stable polypropylene injection-moulded part. It is available in various installation sizes with a fixed inner diameter. It is possible to insert bushes with varying inner diameters into the cooling fan for various shaft diameters.

Application

The yellow cooling fan has been widely and successfully used for 30 years in the production of motors. Due to the two-sided bush installation, it is possible to adjust the distance between the motor housing and the cooler, and to individually adjust various makes of motors. Various standard bushes are available. If the standard borehole does not correspond, it is possible to turn a complete bush according to requirements. A possibly existing keyslot has to be removed.

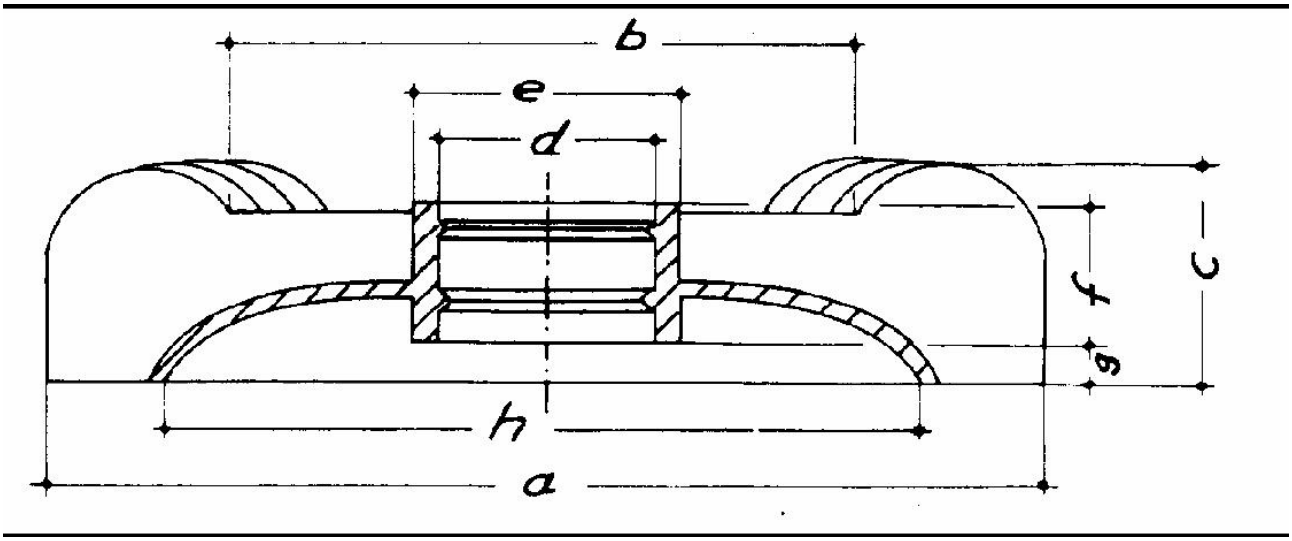
Delivery forms

See table for dimensions and type designations.

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Updated 04/19

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Abmessungen



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Dimensions	Unit of measure	CS 71	CS 80	CS 90	CS 100
a	mm	123	132	165	171
b	mm	75	79	95	99
c	mm	26	25	32	36
d	mm	27	27	42	42
e	mm	33	33	50	50
f	mm	15	15	18	18
g	mm	10	10	13	10
h	mm	99	131	147	

Connector	Unit of measure	CS 71	CS 80	CS 90
bore diameter 01	mm/Zoll	5/8"	5/8"	7/8"
bore diameter 02	mm/Zoll	20	20	
bore diameter 03	mm/Zoll	19	19	30
bore diameter 04	mm/Zoll	16	16	25
bore diameter 05	mm/Zoll	14	14	3/4"
bore diameter 06	mm/Zoll			
bore diameter 07	mm/Zoll	22	22	5/8"
bore diameter 08	mm/Zoll	1/2"	1/2"	24

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Connector	Unit of measure	CS 71	CS 80	CS 90
bore diameter 09	mm/Zoll			
bore diameter 10	mm/Zoll			28
bore diameter 11	mm/Zoll			
bore diameter 12	mm/Zoll			

Connector	Unit of measure	CS 100	CS 112	CS 132	CS 160
bore diameter 01	mm/Zoll	7/8"	45	45	
bore diameter 02	mm/Zoll		38	38	42
bore diameter 03	mm/Zoll	30	3/4"	3/4"	
bore diameter 04	mm/Zoll	25	28	28	45
bore diameter 05	mm/Zoll	3/4"	7/8"	7/8"	1 5/8"
bore diameter 06	mm/Zoll	1/2"	32	32	50
bore diameter 07	mm/Zoll	5/8"			1 3/8"
bore diameter 08	mm/Zoll	24		40	
bore diameter 09	mm/Zoll	24	1 3/8"	1 3/8"	
bore diameter 10	mm/Zoll	28	1 1/18"	1 1/8"	
bore diameter 11	mm/Zoll		30	30	
bore diameter 12	mm/Zoll				

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Dimensions	Unit of measure	CS 112	CS 132	CS 160
a	mm	212	247	296
b	mm	124	134	172
c	mm	46	56	56
d	mm	56	56	69
e	mm	63	63	76
f	mm	24	24	29
g	mm	15	17	17
h	mm	174	203	244

Dimensions	Unit of measure	CS 180
a	mm	335
b	mm	214
c	mm	55
d	mm	69
e	mm	76
f	mm	29
g	mm	17
h	mm	276

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Connector	Unit of measure	CS 180
bore diameter 01	mm/Zoll	
bore diameter 02	mm/Zoll	42
bore diameter 03	mm/Zoll	1 7/8"
bore diameter 04	mm/Zoll	45
bore diameter 05	mm/Zoll	1 5/8"
bore diameter 06	mm/Zoll	50
bore diameter 07	mm/Zoll	1 3/8"
bore diameter 08	mm/Zoll	
bore diameter 09	mm/Zoll	
bore diameter 10	mm/Zoll	
bore diameter 11	mm/Zoll	
bore diameter 12	mm/Zoll	

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