



SCR-E series high-efficiency filter from SCR

Technical parameter table

SHANGHAI SCREW COMPRESSOR CO., LTD.

Part number: 90888906

Edition : A

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SCR-E015

Specifications and models		SCR-E015C	SCR-E015T	SCR-E015A	SCR-E015H	SCR-E015F
Flow rate	m³/min	1-2	1-2	1-2	1-2	1-2
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	240*85				
connection size		Rc3/4				
Filter components and parts						
Filter element	Model × Quantity	SCR-E015C *1	SCR-E015T *1	SCR-E015A *1	SCR-E015H *1	SCR-E015F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
2、 The service life of the filter element is the theoretical life under normal working conditions. The quality of the air in on-site use will directly affect the service life of the filter element, leading to its extension or shortening. Within the theoretical life, our company will not replace the filter element if the shortened service life is not caused by quality issues of the filter element itself.						

SCR-E016

Specifications and models		SCR-E016C	SCR-E016T	SCR-E016A	SCR-E016H	SCR-E016F
Flow rate	m³/min	1-2	1-2	1-2	1-2	1-2
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	240*85				
connection size		Rc1				
Filter components and parts						
Filter element	Model × Quantity	SCR-E016C *1	SCR-E016T *1	SCR-E016A *1	SCR-E016H *1	SCR-E016F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
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SCR-E035

Specifications and models		SCR-E035C	SCR-E035T	SCR-E035A	SCR-E035H	SCR-E035F
Flow rate	m³/min	3.5	3.5	3.5	3.5	3.5
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	294*102				
connection size		Rc1				
Filter components and parts						
Filter element	Model × Quantity	SCR-E035C *1	SCR-E035T *1	SCR-E035A *1	SCR-E035H *1	SCR-E035F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
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SCR-E060

Specifications and models		SCR-E060C	SCR-E060T	SCR-E060A	SCR-E060H	SCR-E060F
Flow rate	m³/min	6.0	6.0	6.0	6.0	6.0
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	420*112				
connection size		Rc1-1/2				
Filter components and parts						
Filter element	Model × Quantity	SCR-E060C *1	SCR-E060T *1	SCR-E060A *1	SCR-E060H *1	SCR-E060F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
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SCR-E080

Specifications and models		SCR-E080C	SCR-E080T	SCR-E080A	SCR-E080H	SCR-E080F
Flow rate	m³/min	8.0	8.0	8.0	8.0	8.0
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	420*112				
connection size		Rc1-1/2				
Filter components and parts						
Filter element	Model × Quantity	SCR-E080C *1	SCR-E080T *1	SCR-E080A *1	SCR-E080H *1	SCR-E080F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
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SCR-E120

Specifications and models		SCR-E120C	SCR-E120T	SCR-E120A	SCR-E120H	SCR-E120F
Flow rate	m³/min	11.2	11.2	11.2	11.2	11.2
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	655*140				
connection size		Rc2				
Filter components and parts						
Filter element	Model × Quantity	SCR-E120C *1	SCR-E120T *1	SCR-E120A *1	SCR-E120H *1	SCR-E120F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
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SCR-E160

Specifications and models		SCR-E160C	SCR-E160T	SCR-E160A	SCR-E160H	SCR-E160F
Flow rate	m³/min	15.5	15.5	15.5	15.5	15.5
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	655*140				
connection size		Rc2				
Filter components and parts						
Filter element	Model × Quantity	SCR-E160C *1	SCR-E160T *1	SCR-E160A *1	SCR-E160H *1	SCR-E160F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
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SCR-E180

Specifications and models		SCR-E180C	SCR-E180T	SCR-E180A	SCR-E180H	SCR-E180F
Flow rate	m³/min	20.4	20.4	20.4	20.4	20.4
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	792*160				
connection size		Rc2-1/2				
Filter components and parts						
Filter element	Model × Quantity	SCR-E180C *1	SCR-E180T *1	SCR-E180A *1	SCR-E180H *1	SCR-E180F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
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SCR-E240

Specifications and models		SCR-E240C	SCR-E240T	SCR-E240A	SCR-E240H	SCR-E240F
Flow rate	m³/min	25.0	25.0	25.0	25.0	25.0
Air inlet pressure	MPa	1.0	1.0	1.0	1.0	1.0
Air inlet temperature	℃	<80	<80	<80	<80	<80
Oil content	ppm	≤3	≤1	≤0.01	/	/
Impurity particle size	μm	≤3	≤1	≤0.01	≤0.01	≤0.1
Filter element service life	h	6000	6000	6000	6000	6000
Initial pressure difference	bar	0.02	0.06	0.07	0.04	0.17
Max. operating pressure	MPa	1.0				
Max. air inlet temperature	℃	80				
Dimension(H*W)	mm	792*160				
connection size		Rc2-1/2				
Filter components and parts						
Filter element	Model × Quantity	SCR-E240C *1	SCR-E240T *1	SCR-E240A *1	SCR-E240H *1	SCR-E240F *1
Drain valve	/	Hand valve + Zero gas consumption drain				
Differential pressure gauge	/	Directly connected differential pressure gauge				
Filter element material	/	Glass fiber				
Housing material	/	Die-cast aluminum				
Notes:						
1、 The recommended differential pressure for filter element replacement shall be observed. If excessive differential pressure affects the normal operation of the machine, the user may reduce the required replacement pressure value according to on-site needs, but the service life and replacement cycle of the corresponding filter element will be shortened.						
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