

SRC-W & SW series compressors

Model Designation and Technical Data

(WA-06-03-E)

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6. Model Designation & Technical Data

6.1 Model designation

S W 1 H 4 0 0 0
SRC W L 0 8 0

Compressor type	
S	Semi-hermetic
SRC	

Series	
W	Screw without oil separator

Version	
1	Only for SW compressors

Motor size	
H	Full size electrical motor (Only for SW compressors)
S	Full size electrical motor (Only for SRC-W compressors)
L	Small size electrical motor

Nominal motor power: Hp (Only for SRC-W compressors) / Hp x 100 (Only for W compressors)	
030	30 Hp
040	40 Hp
050	50 Hp
060	60 Hp
070	70 Hp
080	80 Hp
3000	30 Hp
4000	40 Hp
5000	50 Hp
6000	60 Hp
6500	65 Hp
7500	75 Hp
8000	80 Hp
9000	90 Hp
9500	95 Hp
10500	105 Hp
11500	115 Hp
12500	125 Hp
13000	120 Hp
14000-15000	150 Hp
16000-17000	170 Hp
19000-20000	200 Hp
21000-22000	220 Hp
23000	220 Hp
24000-25000	240 Hp

Model Designation & Technical Data

6.2 Technical data

Compressor model SW1H Compressore modello SW1H		4000	5000	6000	7500	9000	10500	11500	12500	14000	16000	19000	21000	24000	25000
Nominal motor power Potenza nominale motore	Hp/kW	40/30	50/37	60/45	75/55	90/67	105/78	115/89	125/89	150/110	170/125	200/147	220/161	240/176	240/176
Displacement at 50/60 Hz Volume Spostato a 50/60 Hz	m ³ /hr	118/142	150/180	175/210	205/246	237/284	286/343	318/382	341/409	402/482	445/534	510/612	562/674	600/720	700/840
Weight Peso	Kg	245	255	265	410	420	535	540*	545	665*	675*	710*	1030*	1050*	980*
Discharge line, internal Ø Raccordo mandata, Ø interno	mm/inches	42 / 1 5/8"	42 / 1 5/8"	42 / 1 5/8"	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"
Suction line, internal Ø Raccordo aspirazione, Ø interno	mm/inches	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	67 / 2 5/8"	67 / 2 5/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"	92 / 3 5/8"	92 / 3 5/8"	92 / 3 5/8"	104,8 / 4 1/8"	104,8 / 4 1/8"	104,8 / 4 1/8"
Capacity control Modulazione capacità		Step / Gradini: 100, 75, 50, min. % (Stepless / Infinito: 100... min. on request / su richiesta)													
Protection device Modulo di protezione		RefComp RCX													
Standard motor ⁽¹⁾ Motore standard ⁽¹⁾		400V/3/50Hz - 460/3/60Hz													
Compressor model SW1L Compressore modello SW1L		3000	4000	5000	6500	8000	9500	10500	11500	13000	15000	17000	20000	22000	23000
Nominal motor power Potenza nominale motore	Hp/kW	30/22	40/30	50/37	65/48	80/60	95/71	105/78	115/89	120/88	150/110	170/125	200/147	220/161	220/161
Displacement at 50/60 Hz Volume Spostato a 50/60 Hz	m ³ /hr	118/142	150/180	175/210	205/246	237/284	286/343	318/382	341/409	402/482	445/534	510/612	562/674	600/720	700/840
Weight Peso	Kg	245	255	265	410	420	520*	525*	530*	665*	675*	710*	1030*	1050*	980*
Discharge line, internal Ø Raccordo mandata, Ø interno	mm/inches	42 / 1 5/8"	42 / 1 5/8"	42 / 1 5/8"	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"
Suction line, internal Ø Raccordo aspirazione, Ø interno	mm/inches	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	67 / 2 5/8"	67 / 2 5/8"	80 / 3 1/8"	80 / 3 1/8"	80 / 3 1/8"	92 / 3 5/8"	92 / 3 5/8"	92 / 3 5/8"	104,8 / 4 1/8"	104,8 / 4 1/8"	104,8 / 4 1/8"
Capacity control Modulazione capacità		Step / Gradini: 100, 75, 50, min. % (Stepless / Infinito: 100... min. on request / su richiesta)													
Protection device Modulo di protezione		RefComp RCX													
Standard motor ⁽¹⁾ Motore standard ⁽¹⁾		400V/3/50Hz - 460/3/60Hz													

(1) Voltage tolerance ± 10% Preliminary data

Compressor model SRC-WS Compressore modello SRC-WS		40	50	60	70	80
Nominal motor power Potenza nominale motore	Hp/kW	40/30	50/37	60/45	70/52	80/60
Displacement at 50/60 Hz Volume Spostato a 50/60 Hz	m ³ /h	118/142	150/180	175/210	205/246	237/284
Weight Peso	Kg	235	245	255	335	340
Discharge line, internal Ø Raccordo mandata, Ø interno	mm/inches	42 / 1 5/8"	42 / 1 5/8"	42 / 1 5/8"	42 / 1 5/8"	42 / 1 5/8"
Suction line, internal Ø Raccordo aspirazione, Ø interno	mm/inches	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	67 / 2 5/8"	67 / 2 5/8"
Capacity control Modulazione capacità		Step i: 100, 75, 50% (100, 50% on request)				
Protection device Modulo di protezione		INT 69 VS (REFCOMP RCX on request)				
Standard motor ⁽¹⁾ Motore standard ⁽¹⁾		400V/3/50Hz - 460/3/60Hz				

Compressor model SRC-WL Compressore modello SRC-WL		30	40	50	-	-
Nominal motor power Potenza nominale motore	Hp/kW	30/22	40/30	50/37	-	-
Displacement at 50/60 Hz Volume Spostato a 50/60 Hz	m ³ /h	118/142	150/180	175/210	-	-
Weight Peso	Kg	245	255	265	-	-
Discharge line, internal Ø Raccordo mandata, Ø interno	mm/inches	42 / 1 5/8"	42 / 1 5/8"	42 / 1 5/8"	-	-
Suction line, internal Ø Raccordo aspirazione, Ø interno	mm/inches	54 / 2 1/8"	54 / 2 1/8"	54 / 2 1/8"	-	-
Capacity control Modulazione capacità		Step : 100, 75, 50% (100, 50% on request)				
Protection device Modulo di protezione		INT 69 VS (REFCOMP RCX on request)				
Standard motor ⁽¹⁾ Motore standard ⁽¹⁾		400V/3/50Hz - 460/3/60Hz				

⁽¹⁾ Voltage tolerance ± 10%

⁽²⁾ Preliminary value

Standard motor