

SOFFIANTI A CANALE LATERALE

Prestazioni a 50Hz (2900 giri/min.)

SIDE CHANNEL COMPRESSORS Performances with 50 Hz (2900 rpm)

Pm mbar	0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625	650																							
Portata	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h																							
Modello	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW																							
SC101MG	40	0.2	20	0.2	10	0.2																																										
SC201MF	80	0.4	58	0.4	45	0.4	33	0.4	12	0.4																																						
SC301MF	95	0.55	72	0.55	60	0.55	50	0.55	37	0.55	20	0.55																																				
SC401MF	140	0.85	112	0.85	100	0.85	90	0.85	70	0.85	55	43	1.3	30	1.3																																	
SC501MF	210	1.5	180	1.5	165	1.5	145	1.5	125	1.5	115	1.5	90	1.5	75	2.2	65	2.2	40	2.2	25	2.2																										
SC531MF	270	1.5	230	1.5	200	1.5	175	1.5	150	1.5	130	1.5	110	2.2	85	2.2	70	2.2																														
SC601MF	320	2.2	290	2.2	270	2.2	250	2.2	230	2.2	210	2.2	200	2.2	180	2.2	165	3	140	3	120	3	95	4	70	4																						
SC631MF	410	1.6	350	1.6	325	1.6	290	1.6	255	2.2	235	2.2	220	2.2	185	3	175	3	140	4	125	4	100	4																								
SC602PF	510	4	440	4	400	4	360	4	340	4	300	4	280	5.5	245	5.5	215	5.5	185	7.5	160	7.5	115	7.5	85	7.5																						
SC701MF	520	4	490	4	470	4	430	4	410	4	395	4	380	4	355	4	330	5.5	305	5.5	290	5.5	255	5.5	240	7.5	220	7.5	200	7.5	180	7.5	160	7.5	130	7.5												
SC731MF	700	4	620	4	580	4	550	4	520	4	490	5.5	460	5.5	430	7.5	400	7.5	380	7.5	350	7.5																										
SC802PF	900	7.5	830	7.5	790	7.5	750	7.5	710	7.5	675	7.5	640	7.5	600	11	560	11	525	11	480	11	440	11	400	11																						
SC901MF	1050	8.5	960	8.5	930	8.5	890	8.5	850	8.5	820	8.5	780	8.5	760	8.5	725	12.5	680	12.5	640	12.5	610	18.5	580	18.5	560	18.5	540	18.5	510	18.5	480	18.5	460	18.5	440	18.5										
SC931MF	1350	8.5	1205	8.5	1150	8.5	1100	8.5	1050	12.5	950	12.5	880	12.5	810	12.5	740	18.5	650	18.5	540	18.5	400	18.5	350	18.5																						
SC942PF	1900	15	1800	15	1750	15	1700	15	1650	20	1600	20	1550	20	1500	20	1400	25	1300	25	1250																											
SC951MF	2100	15	1900	15	1850	15	1800	15	1750	15	1700	15	1650	15	1600	20	1500	20	1450	25	1300	25																										
SC302SF	90	0.7	75	0.7	70	0.7	60	0.7	55	0.7	50	0.7	40	0.7	35	0.7	30	0.7	20	0.7																												
SC402SF	150	1.6	135	1.6	130	1.6	125	1.6	120	1.6	115	1.6	100	1.6	95	1.6	90	1.6	85	1.6	75	1.6	70	2.2	60	2.2	50	2.2	40	2.2	30	2.2	25	2.2	15	2.2												
SC502SF	230	3	220	3	210	3	195	3	185	3	175	3	170	3	165	3	155	3	145	3	135	3	125	3	120	3	110	3	100	3	85	3	80	3	70	4	60	4	50	4								
SC602SF	340	4	335	4	320	4	310	4	295	4	290	4	280	4	265	4	255	4	245	4	240	4	230	4	225	4	220	4	215	4	200	4	190	5.5	180	5.5	170	5.5	155	5.5	145	5.5	140	7.5	130	7.5		
SC902SF	520	5.5	495	5.5	480	5.5	470	5.5	455	5.5	440	5.5	430	5.5	420	5.5	410	5.5	390	7.5	380	7.5	375	7.5	370	7.5	360	7.5	340	7.5	335	7.5	330	11	320	11	315	11	300	11	280	11	270	11	250	15	240	15
SC902PF	1150	12.5	1110	12.5	1090	12.5	1070	12.5	1060	12.5	1030	12.5	1000	12.5	980	12.5	950	12.5	920	12.5	900	12.5	890	16.5	875	16.5	860	16.5	830	16.5	825	20	800	20	780	20	770	20	750	20	730	25	725	25	710	25		

I dati di portata sono riferiti ad aria alle condizioni d'aspirazione a temperatura 20° C e alla pressione di 1013 mbar ass. Tolleranza sui valori ±10%.
Flow rates refer to air standard suction conditions of 20° C and 1013 mbar abs. Tolerance on flow rate values ±10%.

ASPIRATORI A CANALE LATERALE

Prestazioni a 50Hz (2900 giri/min.)

SIDE CHANNEL VACUUM PUMPS

Performances with 50 Hz (2900 rpm)

Pm mbar	0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500																		
Portata Modello	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h																		
SC101MG	40	0.2	15	0.2																																		
SC201MF	80	0.4	55	0.4	15	0.4																																
SC301MF	95	0.55	70	0.55	40	0.55	28	0.55	15	0.55																												
SC401MF	140	0.85	110	0.85	90	0.85	60	0.85	40	0.85	25	0.85																										
SC501MF	210	1.5	175	1.5	150	1.5	120	1.5	100	1.5	80	1.5	65	1.5	45	2.2																						
SC531MF	270	1.5	225	1.5	195	1.5	170	1.5	140	1.5	120	1.5	80	2.2	50	2.2	25	2.2																				
SC601MF	320	2.2	280	2.2	260	2.2	230	2.2	210	2.2	190	2.2	170	2.2	150	2.2	130	3	100	3	80	4	50	4														
SC631MF	405	1.6	350	1.6	310	1.6	290	1.6	250	2.2	215	2.2	200	2.2	170	3	130	4	100	4																		
SC602PF	500	4	450	4	400	4	370	4	310	4	300	4	270	5.5	200	5.5	150	7.5																				
SC701MF	540	4	470	4	440	4	410	4	380	4	360	4	330	4	300	4	270	5.5	250	5.5	190	5.5	150	7.5														
SC731MF	700	4	630	4	580	4	550	4	500	4	460	4	425	5.5	390	5.5	340	7.5	290	7.5																		
SC802PF	900	7.5	800	7.5	755	7.5	700	7.5	650	7.5	600	7.5	550	7.5	500	7.5	450	11	420	11	375	11	350	11														
SC901MF	1050	8.5	960	8.5	910	8.5	860	8.5	810	8.5	770	8.5	720	8.5	680	8.5	630	12.5	590	12.5	530	12.5	480	18.5	430	18.5	390	18.5										
SC931MF	1350	8.5	1250	8.5	1190	8.5	1200	8.5	1050	12.5	1000	12.5	950	12.5	850	12.5	750	18.5	660	18.5	550	18.5	400	18.5														
SC942PF	1900	15	1800	15	1750	15	1700	15	1600	15	1500	20	1400	20	1350	20	1300	20	1200	25	1100	25	900	25	750	25												
SC951MF	2100	15	1950	15	1850	15	1800	15	1700	15	1610	15	1550	20	1450	20	1370	20	1300	25	1200	25	1080	25														
SC302SF	90	0.7	70	0.7	65	0.7	55	0.7	45	0.7	40	0.7	30	0.7	20	0.7	10	0.7																				
SC402SF	150	1.6	130	1.6	120	1.6	110	1.6	100	1.6	85	1.6	80	1.6	75	1.6	70	1.6	50	1.6	40	1.6	30	2.2	20	2.2												
SC502SF	230	3	210	3	200	3	185	3	170	3	160	3	150	3	140	3	130	3	120	3	105	3	90	3	80	3	70	4	55	4	30	4						
SC602SF	310	4	300	4	295	4	280	4	275	4	255	4	250	4	235	4	230	4	200	4	190	4	175	4	160	4	150	4	140	5.5	125	5.5	110	5.5	95	5.5		
SC902SF	520	5.5	490	5.5	470	5.5	455	5.5	435	5.5	425	5.5	405	5.5	390	5.5	375	5.5	360	5.5	340	7.5	325	7.5	310	7.5	290	7.5	275	7.5	255	7.5	240	11	220	15	200	15
SC902PF	1120	12.5	1070	12.5	1050	12.5	1020	12.5	1000	12.5	970	12.5	950	12.5	920	12.5	870	12.5	860	12.5	825	12.5	800	16.5	775	16.5	750	16.5	725	16.5	700	16.5	650	20	620	25		

I dati di portata sono riferiti ad aria alle condizioni d'aspirazione a temperatura 20° C e alla pressione di 1013 mbar ass. Tolleranza sui valori ±10%.
Flow rates refer to air standard suction conditions of 20° C and 1013 mbar abs. Tolerance on flow rate values ±10%.

SIDE CHANNEL COMPRESSORS
Performances with 60 Hz motors (3500 rpm)

Performances with 60 Hz motors (3500 rpm)

Pm mbar	0	50	75	100	125	150	175	200	225	250	300	350	400	450	500	550	600	700
Portata	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h
Modello	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
SC101MG	50	0.23	30	0.23	19	0.23												
SC201MF	98	0.5	75	0.5	68	0.5	50	0.5										
SC301MF	112	0.62	88	0.62	70	0.62	63	0.62	20	0.62								
SC401MF	175	0.95	140	0.95	130	0.95	110	0.95	90	0.95	72	0.95	53	1.5	40	1.5	30	1.5
SC501MF	250	1.75	225	1.75	200	1.75	185	1.75	170	1.75	150	1.75	130	1.75	112	1.75	96	2.55
SC531MF	330	2.05	280	2.05	260	2.05	240	2.05	225	2.05	210	2.05	190	2.55	175	2.55	140	2.55
SC601MF	380	2.55	325	2.55	310	2.55	299	2.55	288	2.55	262	2.55	238	2.55	218	2.55	190	3.45
SC631MF	500	2.05	440	2.05	405	2.05	390	2.55	350	2.55	320	3.45	300	3.45	290	4.6	240	4.6
SC602PF	600	4.6	540	4.6	510	4.6	470	6.3	450	6.3	430	6.3	400	6.3	380	6.3	320	8.6
SC701MF	630	4.6	590	4.6	570	4.6	550	4.6	540	4.6	510	4.6	500	4.6	475	6.3	440	6.3
SC731MF	840	4.6	760	4.6	730	4.6	690	6.3	670	6.3	640	6.3	610	6.3	580	8.6	540	8.6
SC802PF	1050	8.6	1010	8.6	980	8.6	970	8.6	940	12.6	910	12.6	880	12.6	850	12.6	775	12.6
SC901MF	1250	9.8	1180	9.8	1140	9.8	1100	9.8	1060	9.8	1040	9.8	1010	9.8	980	14.5	910	21.3
SC931MF	1600	9.8	1540	9.8	1500	14.5	1470	14.5	1400	14.5	1380	14.5	1300	21.3	1250	21.3	1120	21.3
SC942PF	2300	17.5	2250	17.5	2200	23	2150	23	2050	23	2000	29	1900	29	1800	29	1750	29
SC951MF	2500	17.5	2400	17.5	2350	17.5	2300	17.5	2200	17.5	2100	23	2050	23	2000	29	1940	29
SC302SF	105	0.83	89	0.83	81	0.83	76	0.83	68	0.83	59	0.83	48	0.83	40	0.83	36	0.83
SC402SF	179	2.05	170	2.05	162	2.05	152	2.05	148	2.05	142	2.05	137	2.05	130	2.05	122	2.05
SC502SF	276	3.45	260	3.45	248	3.45	231	3.45	223	3.45	210	3.45	191	3.45	184	3.45	167	3.45
SC602SF	375	4.8	365	4.8	355	4.8	350	4.8	340	4.8	335	4.8	325	4.8	315	4.8	300	4.8
SC902SF	630	6.3	620	6.3	610	6.3	600	6.3	595	6.3	590	6.3	580	6.3	570	8.6	540	8.6
SC902PF	1310	14.5	1290	14.5	1275	14.5	1255	14.5	1250	14.5	1240	14.5	1220	14.5	1200	14.5	1175	19
				</														

n. B3 - 12/2013 - rev 0

ASPIRATORI A CANALE LATERALE

Prestazioni a 60Hz (3500 giri/min.)

SIDE CHANNEL VACUUM PUMPS

Performances with 60 Hz (3500 rpm)

Pm mbar	0	50	75	100	125	150	175	200	225	250	300	350	400	450	500
Portata Modello	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h	m3/h
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
SC101MG	50	0.23	26	0.23	9	0.23									
SC201MF	98	0.5	75	0.5	62	0.5	20	0.5							
SC301MF	112	0.62	88	0.62	70	0.62	30	0.62	9	0.62					
SC401MF	175	0.95	132	0.95	124	0.95	80	0.95	41	1.5	35	1.5	20	1.5	
SC501MF	250	1.75	220	1.75	190	1.75	176	1.75	131	1.75	120	1.75	92	1.75	65
SC531MF	330	2.05	280	2.05	260	2.05	230	2.05	210	2.05	175	2.05	150	2.05	125
SC601MF	380	2.55	320	2.55	302	2.55	291	2.55	274	2.55	246	2.55	223	2.55	200
SC631MF	500	2.05	430	2.05	400	2.05	380	2.05	350	2.55	305	2.55	280	3.45	250
SC602PF	600	4.6	550	4.6	500	4.6	470	4.6	450	4.6	430	4.6	400	6.3	310
SC701MF	630	4.6	590	4.6	560	4.6	545	4.6	525	4.6	500	4.6	475	6.3	445
SC731MF	830	4.6	750	4.6	725	4.6	690	6.3	650	6.3	610	6.3	575	6.3	550
SC802PF	1050	8.6	960	8.6	920	8.6	880	8.6	840	8.6	800	8.6	760	12.6	640
SC901MF	1250	9.8	1150	9.8	1100	9.8	1050	9.8	1020	9.8	990	9.8	960	9.8	930
SC931MF	1600	9.8	1520	8.6	1450	9.8	1400	14.5	1320	14.5	1280	14.5	1200	14.5	1110
SC942PF	2300	17.5	2200	17.5	2100	17.5	2000	17.5	1950	17.5	1850	23	1800	23	1700
SC951MF	2500	17.5	2380	17.5	2320	17.5	2250	17.5	2100	23	2050	23	2000	23	1940
SC302SF	105	0.83	91	0.83	78	0.83	70	0.83	60	0.83	52	0.83	40	0.83	31
SC402SF	179	2.05	160	2.05	148	2.05	140	2.05	132	2.05	127	2.05	100	2.05	92
SC502SF	276	3.45	268	3.45	250	3.45	225	3.45	210	3.45	198	3.45	188	3.45	176
SC602SF	390	4.8	375	4.8	360	4.8	350	4.8	340	4.8	330	4.8	320	4.8	305
SC902SF	630	6.3	600	6.3	580	6.3	575	6.3	570	6.3	555	6.3	540	6.3	530
SC902PF	1320	14.5	1260	14.5	1240	14.5	1220	14.5	1190	14.5	1170	14.5	1140	14.5	1120

I dati di portata sono riferiti ad aria alle condizioni d'aspirazione a temperatura 20° C e alla pressione di 1013 mbar ass. Tolleranza sui valori ±10%.
Flow rates refer to air standard suction conditions of 20° C and 1013 mbar abs. Tolerance on flow rate values ±10%.