

WITH MORE THAN 50 YEARS OF EXPERIENCE IN COMPRESSOR TECHNOLOGY AND HIGHLY COMMITTED EMPLOYEES, OUR FOCUS IS TO DEVELOP AND APPLY THE

ADVANCED COMPRESSOR TECHNOLOGIES TO ACHIEVE STANDARD SETTING PERFORMANCE FOR LEADING PRODUCTS AND BUSINESSES AROUND THE WORLD.

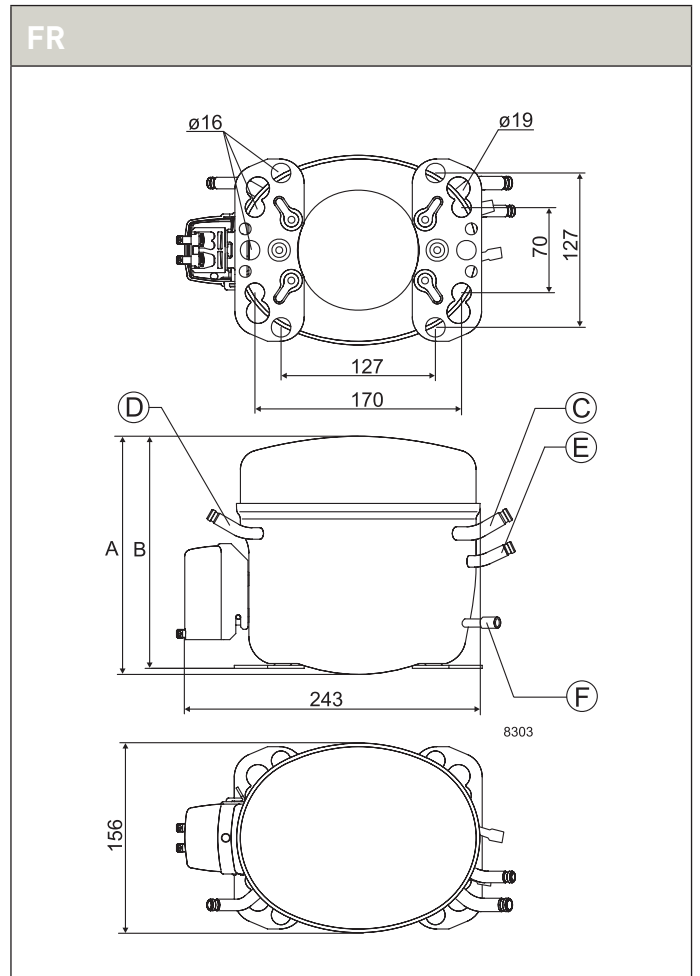
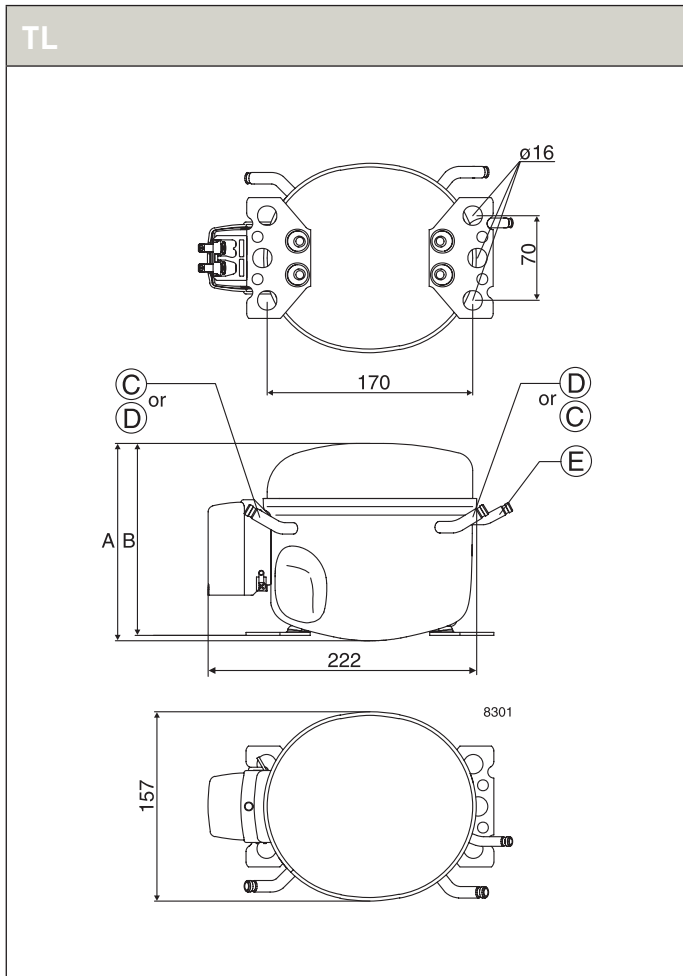
COMPRESSORS FOR HEAT PUMPS

SECOP

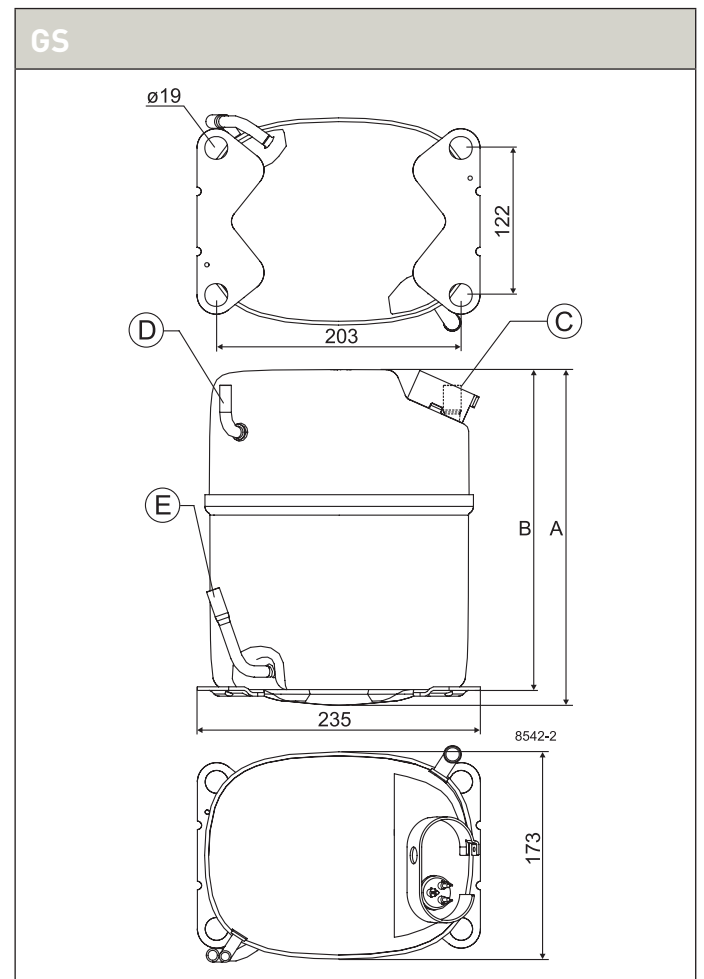
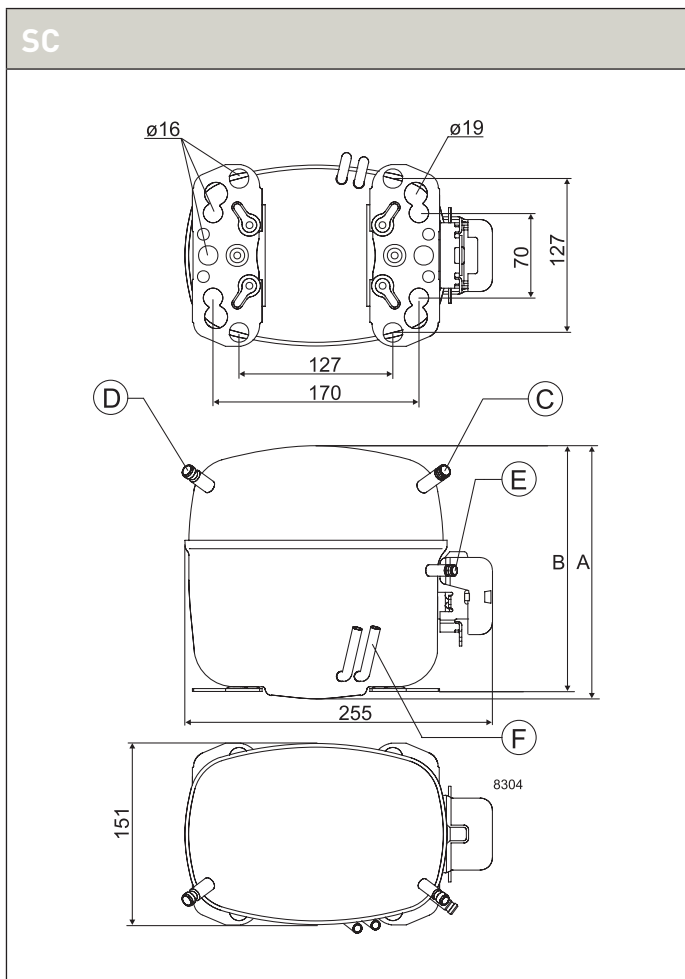


Compressors for Heat Pumps • 220-240 V / 50 Hz / 60 Hz

Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] T _c =45°C, T _{liq} =45°C, T _{suc} =20°C Evaporating temperature [°C]						EN 12900						ASHRAE Capacity [W] T _c =54.4°C, T _{liq} =32.2°C, T _{suc} =32.2°C Evaporating temperature [°C]						
				LBP rating point -25°C / 55°C		MBP rating point -10°C / 45°C		HBP rating point 5°C / 50°C		Cooling capacity		COP		Cooling capacity		COP		Cooling capacity		COP		
				-35	-15	-5	0	10	15	[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	[W]	[W/W]	-35	-15	-5
R134a	TL4GH	102G4455	HBP		117	193	240	358	429			152	1.25	273	1.69			130	226	287	440	536
	FR7GH	103G6683	HBP		216	357	449	685	829			279	1.42	509	1.94			247	408	520	818	1009
	FR7GH	103G6692	HBP		216	357	449	685	829			279	1.42	509	1.94			247	408	520	818	1009
	SC10GH	104G8041	HBP		263	502	641	970	1165			377	1.33	731	1.84			290	593	762	1158	1394
	SC12GH	104G8261	HBP		354	627	799	1227	1485			479	1.31	918	1.87			378	719	937	1491	1837
	SC15GH	104G8561	HBP		457	765	958	1435	1724			599	1.40	1088	1.91			518	899	1139	1744	2120
	SC18GH	104G8860	HBP		558	907	1136	1692	2016			714	1.45	1285	1.85			667	1063	1340	2051	2485
	SC18GH	104G8861	HBP		534	880	1102	1657	1994			692	1.53	1253	2.05			603	1026	1303	2018	2468
	SC10GHH	104G8071	HBP		293	511	647	972	1159			393	1.48	732	2.10			322	581	751	1174	1428
	SC15GHH	104G8571	HBP		437	758	952	1439	1745			589	1.54	1075	2.09			534	898	1130	1748	2157
	GS26GHX	107B0702	HBP		930	1474	1823	2699	3234			1179	1.57	2056	2.01			1088	1748	2175	3273	3965
	TL4GH	102G4455	HBP		117	193	240	358	429			152	1.25	273	1.69			130	226	287	440	536
	FR7GH	103G6683	HBP		216	357	449	685	829			279	1.42	509	1.94			247	408	520	818	1009
	FR7GH	103G6692	HBP		216	357	449	685	829			279	1.42	509	1.94			247	408	520	818	1009
	SC10GH	104G8041	HBP		263	502	641	970	1165			377	1.33	731	1.84			290	593	762	1158	1394
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	SC18GH	104G8861	HBP		534	880	1102	1657	1994			692	1.53	1253	2.05			603	1026	1303	2018	2468



ASHRAE						Motor type	Run capacitor [* optional]	Power	Displacement	Voltage and frequencies [* Dual frequencies 50/60Hz]	Compressor cooling cooling (refer-data sheet)	Dimensions						alt. connectors available
LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C								Height [mm]		Connectors location/I.D. [mm]				
Cooling capacity [W]	COP	Cooling capacity [W]	COP	Cooling capacity [W]	COP							A	B	Suction C	Process D	Dis-charge E	Oil cooler F	
		189	1.48	357	2.21	CSIR		1/10	3.86	198-254 V, 50 Hz *	F2	173	169	6.2	6.2	5.0		
		341	1.65	658	2.52	CSIR		1/5	6.93	198-254 V, 50 Hz *	F2	196	191	8.2	6.2	8.2		
		341	1.65	658	2.52	CSIR		1/5	6.93	198-254 V, 50 Hz *	F2	196	191	8.2	6.2	8.2	8.2	
		490	1.61	944	2.35	CSIR		1/3	10.29	198-254 V, 50 Hz *	F2	209	203	10.2	6.2	8.2		
		594	1.56	1199	2.42	CSIR		1/3	12.87	198-254 V, 50 Hz *	F2	209	203	10.2	6.2	8.2		
		751	1.65	1415	2.49	CSIR	10	1/2	15.28	198-254 V, 50 Hz *	F2	209	203	10.2	6.2	8.2		X
		892	1.67	1665	2.35	CSIR		1/2	17.69	198-254 V, 50 Hz	F2	219	213	10.2	6.2	8.2		
		857	1.79	1632	2.66	CSR	10	1/2	17.69	198-254 V, 50 Hz *	F2	219	213	10.2	6.2	8.2		
		481	1.75	950	2.71	CSR	5	1/3	10.29	198-254 V, 50 Hz	F1	209	203	10.2	6.2	8.2	8.2	
		753	1.89	1410	2.75	CSR	10	1/2	15.28	198-254 V, 50 Hz	F1	209	203	10.2	6.2	8.2	8.2	X
		1472	1.84	2664	2.58	CSR		3/4	26.30	198-254 V, 50 Hz	F2	259	247	12.9	6.5	8.2		
		189	1.48	357	2.21	CSIR		1/8	3.86	198-254 V, 60 Hz *	F2	173	169	6.2	6.2	5.0		
		341	1.65	658	2.52	CSIR		1/4	6.93	198-254 V, 60 Hz *	F2	196	191	8.2	6.2	8.2		
		341	1.65	658	2.52	CSIR		1/4	6.93	198-254 V, 60 Hz *	F1	196	191	8.2	6.2	8.2	8.2	
		490	1.61	944	2.35	CSIR		1/3	10.29	198-254 V, 60 Hz *	F2	209	203	10.2	6.2	8.2		
		594	1.56	1199	2.42	CSIR		1/2	12.87	198-254 V, 60 Hz *	F2	209	203	10.2	6.2	8.2		
		751	1.65	1415	2.49	CSIR	10	1/2	15.28	198-254 V, 60 Hz *	F2	209	203	10.2	6.2	8.2		X
		857	1.79	1632	2.66	CSR	10	3/4	17.69	198-254 V, 60 Hz *	F2	219	213	10.2	6.2	8.2		



OUR IDENTITY

At Secop we are committed to our industry and are genuinely passionate about the difference we are able to make for our customers. We understand their business and objectives and the challenges of today's world of refrigeration and cooling systems.

We work in a straightforward way, being open, direct and honest because we want to make things clear and easy.

Our people are committed to increasing value for our customers and constantly strive for better performance, knowing that our own progression and success is dependent on theirs.



OUR JOURNEY
SO FAR

<p>1956 Production facility and headquarters in Flensburg, Germany founded.</p>	<p>1970 Introduction of SC compressors. The birth of a standard setting platform in the light commercial market.</p>	<p>1990 Introduction NL compressors.</p>	<p>1992 Introduction PL compressors.</p>	<p>1999 Start of production with natural refrigerant R290 (Propane).</p>	<p>2005 Introduction GS compressors.</p>	<p>2008 Production facility in Wuqing, China founded.</p>	<p>2013 Introduction of the XV compressor. Opening a new chapter in refrigeration history. Secop acquires ACC Fürstenfeld, Austria.</p>
<p>1958 Start up production of PW compressors.</p>	<p>1972 Introduction FR compressors.</p>	<p>1977 Introduction TL and BD compressors.</p>	<p>1993 Start of production with natural refrigerant R600a (Isobutane) Production facility in Crnomelj, Slovenia founded.</p>	<p>2002 Production facility in Zlate Moravce, Slovakia founded.</p>	<p>2010 Introduction SLV-CNK.2 and SLV-CLK.2 variable speed compressors. Introduction BD1.4F Micro DC compressor. Introduction of DLX and NLU compressors.</p>		

