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 MINIBARS AND WINE COOLERS

SECOP

Compressors for Minibars • 220-240 V / 50 Hz • 115 V / 50 / 60 Hz

Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] Tc=45°C, Tliq=45°C, Tsuc=20°C Evaporating temperature [°C]						EN 12900						ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=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							
				-35	-15	-5	0	10	15	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	-35	-15	-5	0	10	15
R134a	PL20F	101G0100	MBP		42	72	91			16	0.38	56	0.95				46	81	103		
	PL35F	101G0202	MBP		68	108	132			32	0.64	87	1.24				75	125	156		
	PL50F	101G0220	LBP	19	80					40	0.67	103	1.20			18	92				
	PL50F	101G0222	MBP		80	128	158			40	0.69	103	1.23				92	149	184		
	PLE50F	101G0221	MBP		82	131	160			42	0.81	105	1.42				95	152	187		
	PLE35K	101H0360	MBP		56	91	113			27	0.68	72	1.34				63	106	133		
R600a	HTD30AA	16250500	LBP	17	70	107				34	1.17	87	2.12			17	76	120			
	HTD35AA	16250700	LBP	24	82	125				41	1.19	102	2.15			24	90	141			
	HTD40AA	16250900	LBP	30	96	146				50	1.22	120	2.19			31	106	165			
	HTD45AA	16251100	LBP	33	114	168				61	1.24	140	2.09			37	127	194			
	HTD55AA	16251300	LBP	47	135	201				76	1.27	166	2.07			49	154	231			
	HTD60AA	16255700	LBP	56	153	234				87	1.27	191	2.08			62	176	269			
	HXD30AA	16260300	LBP	17	70	107				34	1.32	87	2.38			17	76	120			
	HXD35AA	16260700	LBP	24	82	125				41	1.33	102	2.42			24	90	141			
	HXD40AA	16261700	LBP	30	96	146				50	1.36	120	2.44			31	106	165			
	HXD45AA	16261900	LBP	33	114	168				61	1.40	140	2.36			37	127	194			
	HXD55AA	16257500	LBP	47	135	201				76	1.44	166	2.37			49	154	231			
	HXD60AA	16302500	LBP	55	153					88	1.43	190	2.34			59	177				

Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] Tc=45°C, Tliq=45°C, Tsuc=20°C Evaporating temperature [°C]						EN 12900						ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=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							
				-35	-15	-5	0	10	15	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	-35	-15	-5	0	10	15
R134a	PL30F	101G9100	L/M/HBP		49	85	107	163	197	22	0.42	65	1.00	121	1.47	0	55	97	124	193	236
	PL50F	101G9202	L/MBP		73	116	143			37	0.59	93	1.05				85	138	171		
	TF3.5F	102G3304	LBP	40	129					64	0.72	164	1.25			38	147				
	TFS4F	102G3431	LBP	42	154					75	0.82	197	1.38			44	176				
	TL3F	102G3300	LBP		108	178				54	0.75	140	1.20				121	203			
	TL4F	102G3402	LBP	51	132					66	0.77	170	1.28			52	149				
	TLS4.5F	102G3420	LBP	67	192	295				102	0.83	240	1.29			70	223	360			
R404A /R507	TF4CLX	102U2102	L/MBP	89	248	368	440			139	0.79	305	1.21	470	1.23	100	311	475	576		
	TFS4.5CLX	102U2103	LBP	121	318					185	0.85	388	1.18			140	402				
R290	TL4.0CNX.2	102H3490	L/MBP	100	260	388	467			157	0.97	319	1.57	517	2.07	107	310	467	566		
	TL4.8CNX.2	102H3590	L/MBP	126	316	461	547			195	1.03	384	1.57	601	1.96	137	380	560	668		

ASHRAE						Motor type	Run capacitor (* optional)	Power	Displacement	Voltage and frequencies (* Dual frequencies 50/60Hz)	Compressor cooling (refer-data sheet)	Dimensions						
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]				alt. connectors available
Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP									Suction	Process	Dis-charge	Oil cooler	
[W]	[W/W]	[W]	[W/W]	[W]	[W/W]		µF	[HP]	[cm³]			A	B	C	D	E	F	
24	0.55	67	1.12			RSIR		1/50	1.41	198-254 V, 50 Hz	S	129	127	6.2	6.2	5.0		
45	0.86	105	1.39			RSIR		1/25	2.00	198-254 V, 50 Hz	S	134	132	6.2	6.2	5.0		
56	0.89					RSIR		1/20	2.50	198-254 V, 50 Hz	S	137	135	6.2	6.2	5.0		
56	0.92	126	1.41			CSIR		1/20	2.50	198-254 V, 50 Hz	F1	137	135	6.2	6.2	5.0		
59	1.08	128	1.63			RSCR	4	1/20	2.50	198-254 V, 50 Hz	S	140	138	6.2	6.2	5.0		
38	0.91	90	1.60			RSCR	4	1/25	2.50	198-254 V, 50 Hz	S	137	135	6.2	6.2	5.0		X
46	1.53	101	2.18			RSIR/RSCR	1 *	1/25	3.00	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
56	1.55	119	2.19			RSIR/RSCR	1.5 *	1/20	3.50	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
68	1.58	140	2.24			RSIR/RSCR	2 *	1/10	4.00	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
83	1.60	165	2.11			RSIR/RSCR	2 *	1/10	4.80	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
103	1.63	197	2.18			RSIR/RSCR	2 *	1/10	5.50	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
117	1.63	228	2.13			RSIR/RSCR	2 *	1/10	6.20	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
46	1.72	101	2.43			RSCR	1	1/25	3.00	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
56	1.73	119	2.44			RSCR	1.5	1/20	3.50	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
68	1.76	140	2.46			RSCR	2	1/10	4.00	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
83	1.80	165	2.38			RSCR	2	1/10	4.80	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
103	1.85	197	2.49			RSCR	2	1/10	5.50	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
117	1.83					RSCR	2	1/10	6.20	187-264 V, 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		

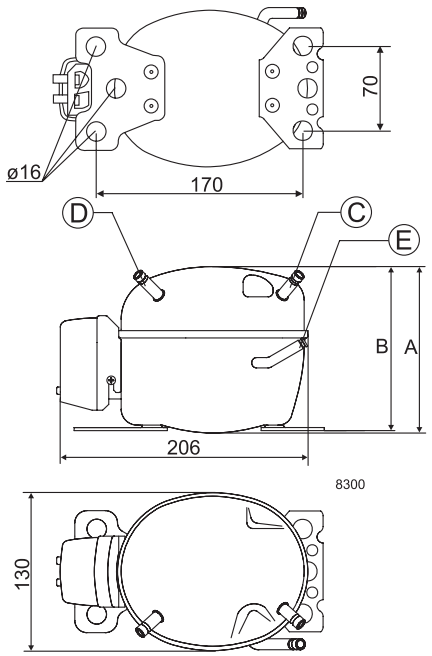
ASHRAE						Motor type	Run capacitor (* optional)	Power	Displacement	Voltage and frequencies (* Dual frequencies 50/60Hz)	Compressor cooling (refer to data sheet)	Dimensions						
LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C								Height [mm]		Connectors location/I.D. [mm]				alt. connectors available
Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP									Suction	Process	Dis-charge	Oil cooler	
[W]	[W/W]	[W]	[W/W]	[W]	[W/W]		µF	[HP]	[cm³]			A	B	C	D	E	F	
30	0.60	80	1.23	156	1.94	RSIR/CSIR		1/25	1.41	90-127 V, 60 Hz *	S	134	132	6.5	6.5	5.0		
52	0.79	117	1.33			RSIR/CSIR		1/20	2.00	103-127 V, 60 Hz	S	134	132	6.5	6.5	5.0		
90	0.96					RSIR		1/10	3.59	95-135 V, 60 Hz	S	173	169	6.5	6.5	5.0		
105	1.08					RSIR		1/10	3.86	95-135 V, 60 Hz	S	173	169	6.5	6.5	5.0		
74	0.97	170	1.38			RSIR		1/10	3.13	103-127 V, 60 Hz	S	163	159	6.5	6.5	5.0		
91	1.00	214	1.52			RSIR		1/10	3.86	103-127 V, 60 Hz	S	163	159	6.5	6.5	5.0		X
140	1.09	304	1.54			RSIR/CSIR		1/8	4.63	103-127 V, 60 Hz	S	163	159	6.5	6.5	5.0		
207	1.13	389	1.44	654	1.72	CSIR		1/5	3.86	103-135 V, 60 Hz	F2	173	169	6.5	6.5	5.0		
273	1.20	496	1.40			CSIR		1/4	4.63	103-135 V, 60 Hz	F2	173	169	6.5	6.5	5.0		
212	1.27	399	1.85	671	2.69	CSIR		1/5	4.01	95-135 V, 60 Hz	F2	173	169	6.5	6.5	5.0		
263	1.34	479	1.86	772	2.52	CSIR		1/4	4.78	95-135 V, 60 Hz	F2	173	169	6.5	6.5	5.0		

Compressors for Wine Coolers • 220-240 V / 50 Hz

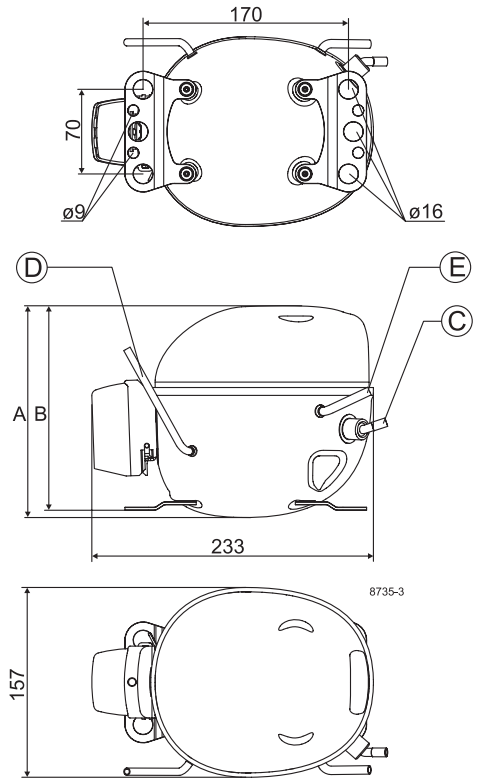
Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] Tc=45°C, Tliq=45°C, Tsuc=20°C Evaporating temperature [°C]						EN 12900 LBP rating point -25°C / 55°C		EN 12900 MBP rating point -10°C / 45°C		EN 12900 HBP rating point 5°C / 50°C		ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]					
				-35	-15	-5	0	10	15	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	-35	-15	-5	0	10	15
R134a	PL35G	101G0250	M/HBP		58	96	120	180	217	28	0.58	75	1.09	135	1.44		66	111	140	214	261
R600a	XV5.0KX 1000 rpm	108H5012	LBP	9	36	56	66			16	1.27	46	2.22			10	36	54	63		
	XV5.0KX 1500 rpm	108H5012	LBP	13	55	84	99			26	1.33	69	2.23			12	58	89	104		
	XV5.0KX 2500 rpm	108H5012	LBP	28	83	125	146			46	1.34	104	2.22			32	92	138	161		
	XV5.0KX 4000 rpm	108H5012	LBP	38	136	209	244			69	1.26	172	2.08			41	155	240	282		
	DLE5.7KK	102H4696	LBP	46	128	190				75	1.24	157	1.86			51	152	227			
	DLE7.5KK	102H4890	LBP	59	156					96	1.25	194	1.82			65	186				
	DLE8.7KK	102H4950	LBP	67	184					112	1.23	229	1.78			77	219				
	DLE9.4KK	102H4952	LBP	77	201					123	1.22	252	1.78			87	238				
	DLE10KK	102H4082	LBP	81	219					138	1.23	273	1.75			95	264				
	DLY7.5KK	102H4891	LBP	59	161					96	1.39	200	2.09			67	190				
	DLY8.7KK	102H4951	LBP	70	186					114	1.37	230	2.03			81	223				
	DLY9.4KK	102H4953	LBP	76	205					125	1.36	253	2.00			89	245				
	DLY10KK	102H4083	LBP	79	222					133	1.32	277	1.86			91	265				
	DLX4KK.1	102H3459	LBP	27	83					46	1.44	105	2.38			28	97				
	DLX4.8KK.1	102H3559	LBP	35	109					60	1.47	136	2.35			36	127				
	DLX5.7KK.1	102H3659	LBP	46	128					75	1.47	159	2.21			51	151				
	DLX6.5KK.1	102H3759	LBP	49	137					80	1.49	170	2.24			54	161				
	DLX7.5KK.1	102H4859	LBP	58	163					95	1.49	201	2.23			64	191				
	DLX8.7KK.1	102H4959	LBP	69	193					113	1.49	240	2.23			76	227				
	DLX9.4KK.1	102H4159	LBP	77	215					126	1.48	267	2.21			85	253				
	DLX10KK.1	102H4059	LBP	85	236					138	1.47	293	2.20			93	277				
	HTD30AA	16250500	LBP	17	70	107				34	1.17	87	2.12			17	76	120			
	HTD35AA	16250700	LBP	24	82	125				41	1.19	102	2.15			24	90	141			
	HTD40AA	16250900	LBP	30	96	146				50	1.22	120	2.19			31	106	165			
	HTD45AA	16251100	LBP	33	114	168				61	1.24	140	2.09			37	127	194			
	HTD55AA	16251300	LBP	47	135	201				76	1.27	166	2.07			49	154	231			
	HTD60AA	16255700	LBP	56	153	234				87	1.27	191	2.08			62	176	269			
	HXD30AA	16260300	LBP	17	70	107				34	1.32	87	2.38			17	76	120			
	HXD35AA	16260700	LBP	24	82	125				41	1.33	102	2.42			24	90	141			
	HXD40AA	16261700	LBP	30	96	146				50	1.36	120	2.44			31	106	165			
	HXD45AA	16261900	LBP	33	114	168				61	1.40	140	2.36			37	127	194			
	HXD55AA	16257500	LBP	47	135	201				76	1.44	166	2.37			49	154	231			
	HXD60AA	16302500	LBP	55	153					88	1.43	190	2.34			59	177				

ASHRAE						Motor type	Run capacitor (* optional)	Power	Displacement	Voltage and frequencies (* Dual frequencies 50/60Hz)	Compressor cooling (refer to 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	COP	Cooling capacity	COP	Cooling capacity	COP									Suction	Process	Dis-charge	Oil cooler	
[W]	[W/W]	[W]	[W/W]	[W]	[W/W]		µF	[HP]	[cm³]			A	B	C	D	E	F	
39	0.79	93	1.31	174	1.89	RSIR/CSIR		1/20	2.00	198-254 V, 50 Hz *	F1	137	135	6.2	6.2	5.0		X
22	1.67	47	2.45			DC/PM		1/8	5.0	160-264 V, 50 Hz *	S	97	91	6.2	6.0 (O.D.)	3.2 (O.D.)		
35	1.75	77	2.46			DC/PM		1/8	5.0	160-264 V, 50 Hz *	S	97	91	6.2	6.0 (O.D.)	3.2 (O.D.)		
60	1.77	119	2.46			DC/PM		1/8	5.0	160-264 V, 50 Hz *	S	97	91	6.2	6.0 (O.D.)	3.2 (O.D.)		
93	1.66	207	2.30			DC/PM		1/8	5.0	160-264 V, 50 Hz *	S	97	91	6.2	6.0 (O.D.)	3.2 (O.D.)		
101	1.59	196	2.09			RSIR/RSCR	*	1/10	5.70	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
128	1.59					RSIR/RSCR	*	1/10	7.48	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
148	1.56					RSIR/RSCR	*	1/8	8.67	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		
163	1.55					RSIR/RSCR	*	1/7	9.38	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
182	1.56					RSIR/RSCR	*	1/6	10.14	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		
128	1.78					RSCR	4	1/8	7.48	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		
152	1.75					RSCR	4	1/7	8.67	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		
167	1.73					RSCR	4	1/7	9.38	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		
177	1.67					RSCR	4	1/6	10.14	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
62	1.86					RSCR	2	1/10	4.01	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
81	1.90					RSCR	2	1/10	4.78	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
100	1.89					RSCR	2	1/10	5.70	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
107	1.91					RSCR	2	1/10	6.49	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
127	1.91					RSCR	2.5	1/10	7.48	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
151	1.91					RSCR	2.5	1/7	8.67	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
168	1.89					RSCR	3.5	1/6	9.38	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		
185	1.89					RSCR	3	1/6	10.14	198-254 V, 50 Hz	S	175	169	6.2	4.5	5.0		X
46	1.53	101	2.18			RSIR/RSCR	1 *	1/25	3.00	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
56	1.55	119	2.19			RSIR/RSCR	1.5 *	1/20	3.50	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
68	1.58	140	2.24			RSIR/RSCR	2 *	1/10	4.00	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
83	1.60	165	2.11			RSIR/RSCR	2 *	1/10	4.80	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
103	1.63	197	2.18			RSIR/RSCR	2 *	1/10	5.50	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
117	1.63	228	2.13			RSIR/RSCR	2 *	1/10	6.20	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
46	1.72	101	2.43			RSCR	1	1/25	3.00	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
56	1.73	119	2.44			RSCR	1.5	1/20	3.50	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
68	1.76	140	2.46			RSCR	2	1/10	4.00	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
83	1.80	165	2.38			RSCR	2	1/10	4.80	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
103	1.85	197	2.49			RSCR	2	1/10	5.50	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		
117	1.83					RSCR	2	1/10	6.20	187-264 V, 50 Hz	S	143		6.2	6.0 (O.D.)	5.0		

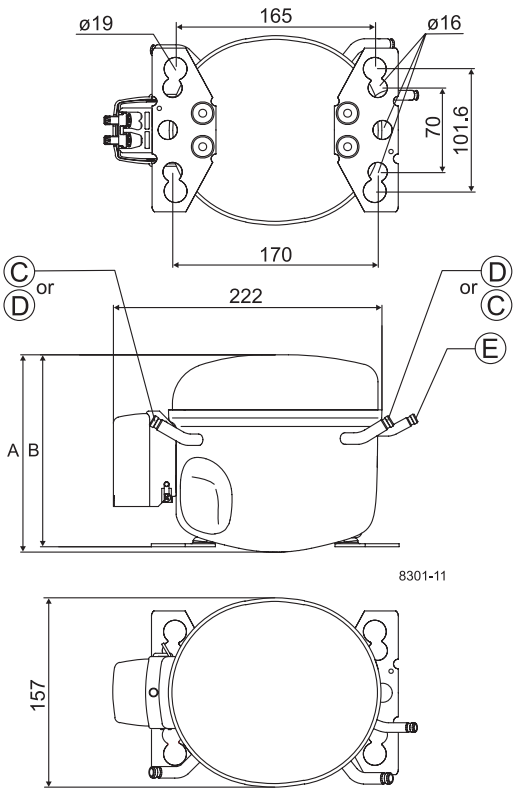
PL / PLE



DLE / DLY / DLX



TL - large baseplate (mainly for 115 V types)



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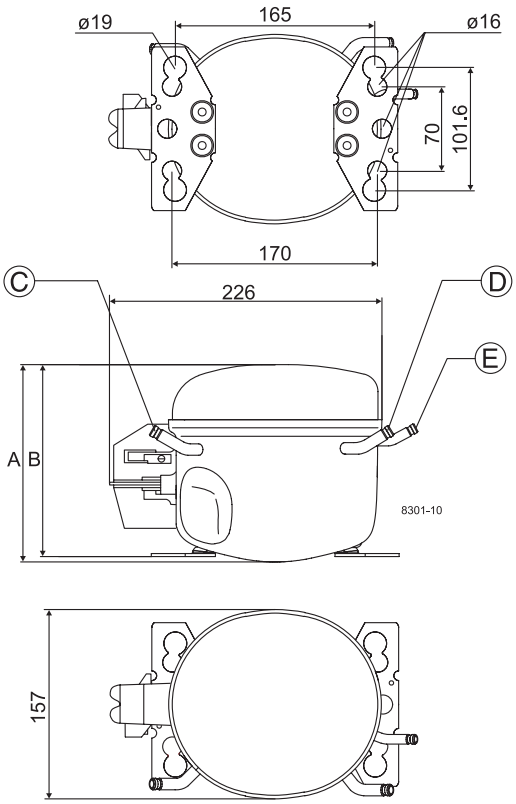
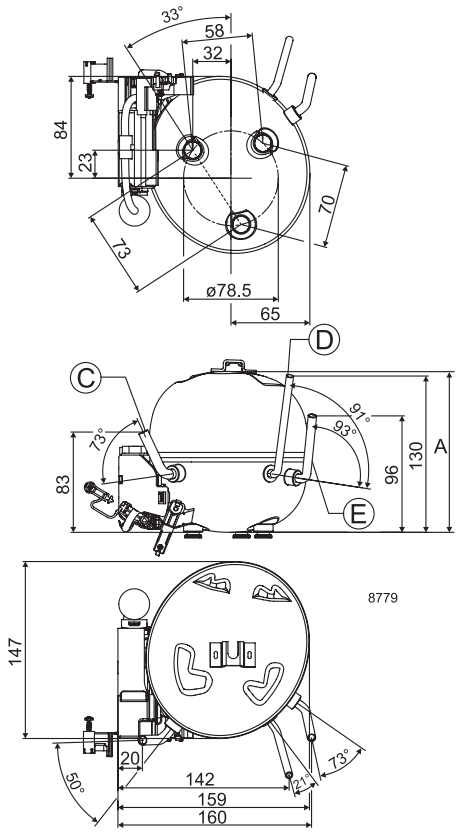
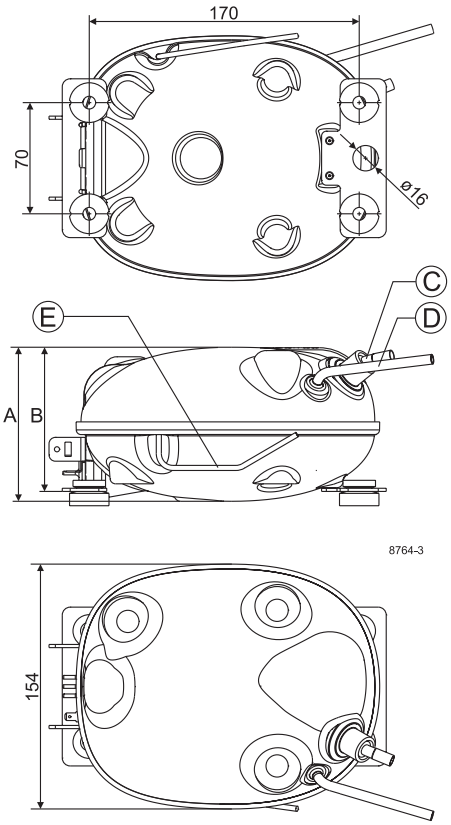


DELTA (HTD, HXD)



XV

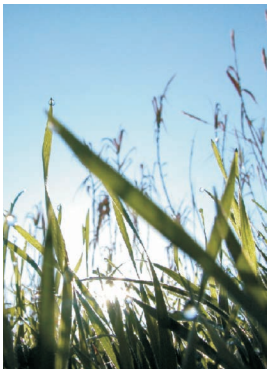


OUR IDENTITY

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

1956
Production facility and headquarters in Flensburg, Germany founded

1958
Start up production of PW compressors.

1970
Introduction of SC compressors.
The birth of a standard setting platform in the light commercial market.

1972
Introduction FR compressors.

1977
Introduction TL and BD compressors.

1990
Introduction NL compressors.

1992
Introduction PL compressors.

1993
Start of production with natural refrigerant R600a (Isobutane)

Production facility in Crnomelj, Slovenia founded.

1999
Start of production with natural refrigerant R290 (Propane).

2002
Production facility in Zlate Moravce, Slovakia founded.

2005
Introduction GS compressors.

2008
Production facility in Wuqing, China founded.

2010
Introduction SLV-CNK.2 and SLV-CLK.2 variable speed compressors.
Introduction BD1.4F Micro DC compressor.
Introduction of DLX and NLU compressors.

2013
Introduction of the XV compressor. Opening a new chapter in refrigeration history.
Secop acquires ACC Fürstenfeld, Austria.

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