

Compressor, TLS4FT, SECOP, 102G4424,
102G 4424, DANFOSS, 1/8 hp++, 98 w,
lbp, r134

Category: compressor

written by Amina | 29 October 2023



Refrigerant	Application	Compressor	Code numbers		Horsepower (approx.)	EN 12900 (CECOMAF) Capacity [W]											EN 12900 (CECC) Power consum [W]		
			Compressor	Compressor with oil cooling		Evaporating temperature [°C]											Evaporating tem		
						-35	-30	-25	-20	-15	-10	-5	0	5	10	15	-25	-10	
R134a	LBP	PL50F	101G0220		1/20	14	26	40	56	74	95							60	86
		TLS3FT	102G4324		1/16	21	34	50	69	92	120							62	93
		TLS4FT	102G4424		1/10	27	43	63	88	117	152							88	123
		TLS5FT	102G4524		1/8+	48	71	98	131	170	216							114	165
		TLES5.7FT.3	102G4615		1/6	66	90	120	156	200	253							120	170
		TLES6.5FT.3	102G4703		1/5			136										139	
		NL6FT	105G6628		1/6	60	84	115	152	198	253							123	184
		NL6.1FT	105G6620		1/6	60	84	115	152	198	253							123	184
		NL7FT	105G6728	105G6738	1/5	71	100	136	181	235	299							145	220
		NL7.3FT	105G6726		1/5	71	100	136	181	235	299							145	220
		NL8.4FT	105G6865		1/4	87	120	162	213	275	350							169	252
		NL9FT	105G6828	105G6838	1/4	87	120	162	213	275	350							169	252
		NL10FT	105G6829	105G6839	1/3	113	158	213	281	361	455							215	316
		NLE7.3FT	105G6710		1/4	92	118	154	201	258	325							148	221
		SC12FT	104G8205	104G8215	1/3	103	163	233	314	408	517	645						265	380
		SC15FT	104G8505		1/2	126	197	280	376	489	620	772						311	451
		SC18FTX	104G8805		5/8	144	229	325	437	567	719	896						365	517
		SC21FTX 50Hz	104G8105		3/4	192	296	415	553	713	901	1119						428	613
		SC21FTX 60Hz	104G8106		3/4	240	345	470	620	800	1012	1262						475	707
		TL2.5G	102G4251		1/12	11	23	36	51	69	90	116	145	179	219	264		60	84
		TL3G	102G4350		1/12		25	41	59	81	106	136	170	211	258	312		66	96
		TL4G	102G4452		1/8		41	58	80	107	140	180	226	280	342	413		83	118
		TL5G	102G4550		1/6		56	79	107	139	178	224	278	341	414	497		100	149
		FR6G	103G6660		1/5		48	83	124	171	226	290	365	452	552			109	172
		FR7.5G	103G6680	103G6690	1/5		62	99	142	193	254	325	408	505	618			126	194
		FR8.5G	103G6780	103G6790	1/4		85	123	171	228	298	381	478	592	722			151	231
		FR10G	103G6880	103G6890	1/4		92	136	188	250	324	412	516	638	779			179	265

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Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] T _c =55°C, T _{liq} =55°C, T _{suc} =32°C Evaporating temperature [°C]						EN 12900 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 / 55°C		HBP rating point 5°C / 55°C		LBP rating point -25°C / 55°C		MBP rating point -10°C / 55°C		HBP rating point 5°C / 55°C				
				Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP			
R134a	PL20F	101G0100	MBP	36	0.65	83		16	0.38	50	0.87					46	0.81	103
	PL35F	101G0202	MBP	60	0.101	125		32	0.64	79	1.10					75	1.25	156
	PL50F	101G0220	LBP	14	0.74			40	0.67	95	1.11			18	0.92			
	PL50F	101G0222	MBP	74	0.120	148		40	0.69	95	1.14					92	1.49	184
	PLE50F	101G0221	MBP	76	0.122	150		42	0.81	97	1.31					95	1.52	187
	TL2.5F	102G4200	L/MBP	65	0.110	137		32	0.59	86	1.07					81	1.37	170
	TL3F	102G4300	L/MBP	82	0.138	173		42	0.64	108	1.09					101	1.71	215
	TL4F	102G4400	LBP	31	0.107			61	0.75	137	1.12			38	1.33			
	TL5F	102G4501	LBP	43	0.144			82	0.81	183	1.19			53	1.79			
	TLES3F	102G4310	L/MBP	93	0.155	193		50	0.81	121	1.31					116	1.92	240
	TLES4F	102G4410	LBP	33	0.124			70	0.88	160	1.35			41	1.54			
	TLES5F	102G4510	LBP	50	0.169			98	0.93	216	1.37			62	2.10			
	TLES6F	102G4610	LBP	58	0.183			104	0.93	235	1.37			72	2.27			
	TLES5.7FT.3	102G4615	LBP	66	0.200			120	1.00	253	1.48			82	2.48			
	TLS5F	102G4520	LBP	48	0.170			98	0.88	216	1.33			59	2.10			
	TLS6F	102G4620	LBP	58	0.183			104	0.87	235	1.30			72	2.27			
	TLS3FT	102G4324	LBP	21	0.92			50	0.80	120	1.30			26	1.15			
	TLS4FT	102G4424	LBP	27	1.17			63	0.72	152	1.24			34	1.45			
	TLS5FT	102G4524	LBP	48	0.170			98	0.86	216	1.30			59	2.10			
	TLY4F	102G4441	LBP	35	0.126			72	0.99	162	1.49			43	1.57			
	TLY5FK	102G4547	LBP	50	0.169			98	1.01	216	1.48			62	2.10			
	PLE35K	101H0360	MBP	52	0.87	109		27	0.68	68	1.28					63	1.06	133
	TLES4KK.3	102H4438	LBP	18	0.75			42	0.90	96	1.43			23	0.92			
	TLES4.8KK.3	102H4538	LBP	28	0.94			55	1.00	119	1.53			34	1.15			
	TLES5.7KK.3	102H4638	LBP	36	1.16			69	1.03	146	1.54			45	1.29			

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