

Compressor, 103U2954, Danfoss, fr10B,
103u, 2954, 1/3 HP, lbp, r12, FR10B
COMPRESSOR 220V, 103U2954FR10B, FR11B
Compressor R-12 3/8 HP 230V, fr21b
Compressor R134a 3/4 HP++/ 1 hp-,
230V, hbp++

Category: compressor

written by www.mbsm.pro | 2 May 2021



Compressor, 103U2954, Danfoss, fr10B, 103u, 2954, 1/4 HP, lbp, r12, FR10B
COMPRESSOR 220V, 103U2954FR10B

Compressor, CR32KQ-PFV, CR32K6-PFV-875, Copeland, américain, 3 CV, 2.5 3 Ton, 208 230 Volt A/C, 1 PH, 32,000 BTU, R22, R407C, Hermetic (Reciprocating) Compressor Replacement

Category: compressor

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Compressor, CR32KQ-PFV, CR32K6-PFV-875, Copeland, américain, 3 CV, 2.5 3 Ton, 208 230 Volt A/C, 1 PH, 32,000 BTU, R22, R407C, Hermetic (Reciprocating)
Compressor Replacement

Best quality Chinese Brand, 3/8HP, R134A compressor, refrigerator, QD128H, 260W, RSIR, copper wire compressor, LBP, 220-240V/50Hz, 325W cooling capacity

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Compressor, TEE, TURK ELEKTRIK , R600a, MTS200MT, MTS170MT, MTS185MT

Category: compressor

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Compressor, TEE, TURK ELEKTRIK , R600a, MTS200MT, MTS170MT, MTS185MT

Medium and High Back Pressure Compressors, M/HBP, RSIR, TECUMSEH, 1/5++ HP, R134a, 160g, TWB1374YGS, TW146GY, 220v/50-60, kiriazi defrost, 340L, k350, k350/1, Embraco, ff17.5hak, tw146-gy-486, twb1374ygs

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Medium and High Back Pressure Compressors, M/HBP, RSIR, TECUMSEH, 1/5++ HP, R134a, 160g, TWB1374YGS, TW146GY, 220v/50-60, kiriazi defrost, 340L, k350, k350/1, Embraco, ff17.5hak, tw146-gy-486, twb1374ygs

Tecumseh, Copeland, Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

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Tecumseh, Copeland, Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

Types of Electrical Motors, RSIR, CSIR, RSCR, CSR, PTC, NTC, LST, HST, MBP, HBP, LBP

Category: compressor,Files

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Types of Electrical Motors

RSIR (Resistance Start-Induction Run)

LST motor. No capacitors. Auxiliary winding is disconnected after start up. Standard energy efficiency.

CSIR (Capacitor Start-Induction Run)

HST motor. With starting capacitor.

Auxiliary winding is disconnected after start up. Standard efficiency.

RSCR (Resistance Start-Capacitor Run)

LST motor. With running capacitor. Auxiliary winding remains connected after start up.

Used for high efficiency in small capacity compressors (particularly in household refrigeration)

CSR (Capacitor Start and Run)

HST motor. Two capacitors (starting and running).

Auxiliary winding remains connected after start up.

Used for high efficiency in small compressors and for size reduced size motors in compressors with comparatively large displacements

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Type of starting device

Current relay – (electromechanical). RSIR/CSIR motors and CSR low/medium-power motors with NTC (the NTC is connected in series with the starting capacitor and the main purpose is to reduce the current peaks in the relay contacts)

Potential relay – (electromechanical). CSR high-power motors.

PTC – (Positive Temperature Coefficient), the resistance increases with the temperature. Device only with RSIR or RSCR motors in the (Small L, B), L and P ranges.

NTC – (Negative Temperature Coefficient), the resistance decreases with the temperature. Used in some CSR in order to reduce dimensions and components.

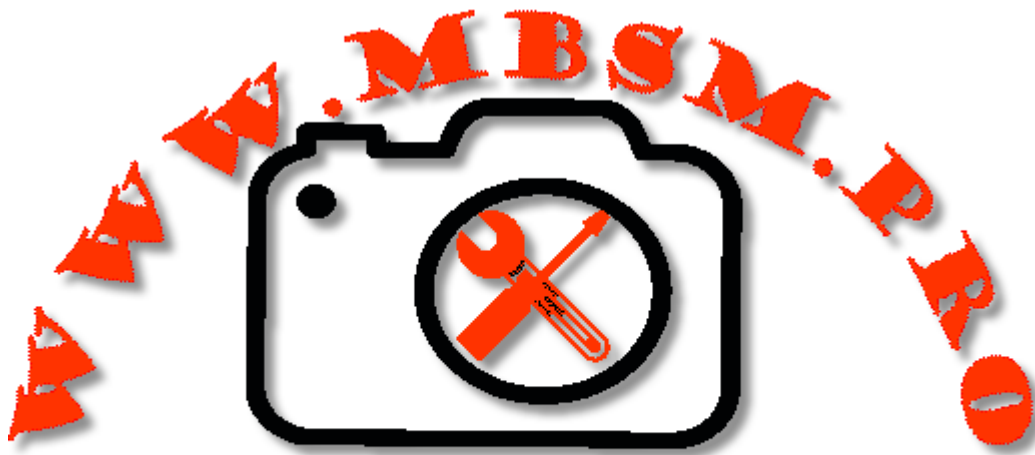
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Type of torque

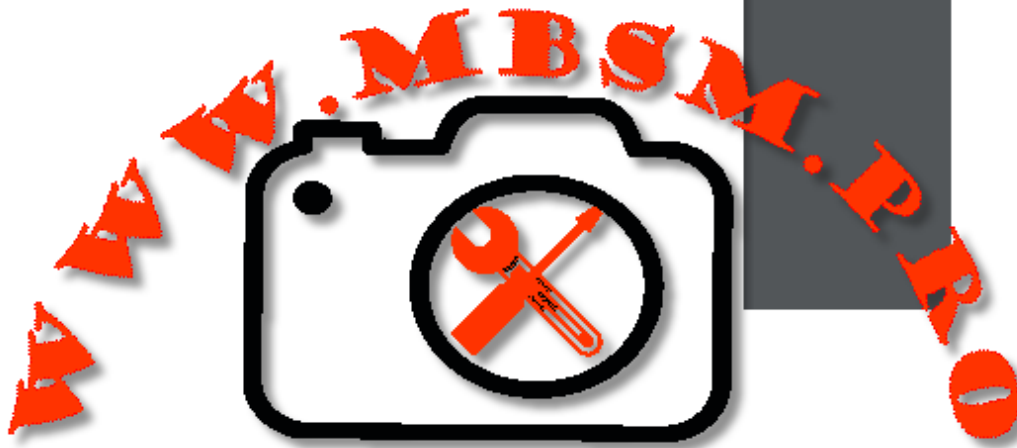
LST – Low Starting Torque – Systems with capillary tube or balanced pressures at start up.

HST – High Starting Torque – Systems with expansion valve or capillary tube, with unbalanced pressures at start up.

Type of torque

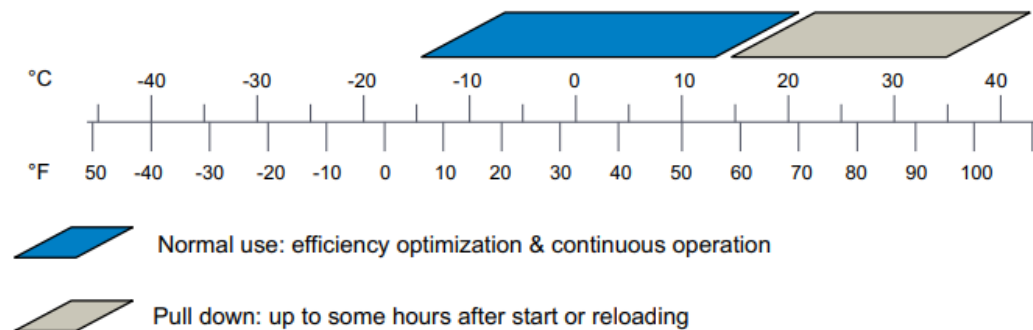
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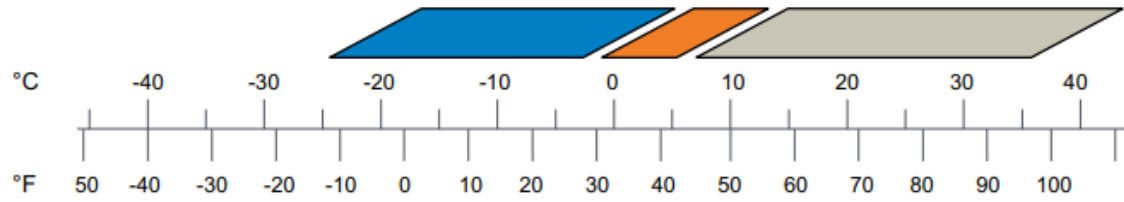
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Secop HBP compressors: evaporation pressures



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Secop MBP compressors: evaporation pressures

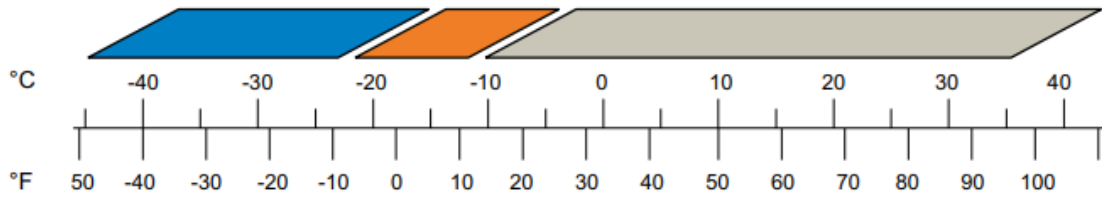


-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: up to some hours after start or reloading



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Secop LBP compressors: evaporation pressures



-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: short time operation (<60min.) after start or defrost



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Compressor Embraco Aspera NEK6210GK,
MBP – R404A, R507, 220 – 240V/1/50Hz,
1/2 HP, discharge 8.77 cm³, motor
type CSIR, lubricant type POE 22,
lubricant charge 350 ml.1318 W at
+7.2 / +54.4 °, expansion device:
capillary or valve, cooling: fan
cooling, weight 11 kg

Category: compressor

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Compressor ASPERA NEK6210GK | NEK 6210 GK

Compressor Embraco Aspera NEK6210GK, MBP – R404A, R507, 220 – 240V/1/50Hz, 1/2 HP, discharge 8.77 cm³, motor type CSIR, lubricant type POE 22, lubricant charge 350 ml.1318 W at +7.2 / +54.4 °, expansion device: capillary or valve, cooling: fan cooling, weight 11 kg

Refrigerant	R404A/R507
Working range[stC] MBP	-20 do +10
Nominal capacity [W] (evaporating temperature +7,2C, Condensing temperatur +54,4C)	1303
Power supply	220-240V 50Hz
Engine type	CSIR
Displacement [cm ³]	8,77
Weight [kg]	11
Evaporating temperature +55 C	

Evaporating Temperature	Cooling Capacity +/-5%	Power Consumption +/-5%	Current Consumption +/-5%	Gas Flow Rate +/-5%	Efficiency +/-7%			
°C	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kg/h)	(kcal/Wh)	(W/W)
-20	384	447	1.525	365	2,36	11,99	1,05	1,22
-15	467	544	1.855	419	2,58	14,69	1,12	1,30
-10	574	668	2.278	470	2,79	18,18	1,22	1,42
-5	704	819	2.795	519	3,00	22,51	1,36	1,58
0	858	998	3.405	565	3,20	27,73	1,52	1,77
5	1.036	1.204	4.109	609	3,40	33,90	1,70	1,98
10	1.237	1.438	4.907	650	3,59	41,06	1,90	2,21

Substitutes for this compressor are: Electrolux ML90TB , L'Unite

Hermetique/Tecumseh AE4450Z

Refrigerant: R404A, R507

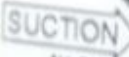
 **Embraco aspera** **NEK6210GK**

THERMALLY PROTECTED		220-240V ~ 50Hz
	R 404A	
POE OIL 350°C	1 PH	

MADE IN SLOVAKIA NO START WITHOUT STARTING DEVICE

958CA51  LX  N10ZGP43

 SUCTION

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Category: compressor

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MBSM.PRO, All Compressor in One File , Pdf and Print

Compressor, QD110, 3/10 HP, LBP, R12/R406, 276w, R12, R406

Category: compressor

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Quantité(Pièce) 1 – 30 31 – 70 71 – 150 >150

Durée estimée (jours) 5 10 15 À négocier

Tension: 220 V-240 V

50 HZ

Compresseur LBP R12/R406

Modèle	Valage	Fréquence	Déplacement	Capacité	Puissance d'entrée	Type de moteur	De charge d'huile	Type de refroidissement	Poids
	(V)	(Hz)	(CC)	(W)	(W)		(CC)		(Kg)
QD30	220-240	50	3.0	62	81	RSIR	180	ST	6.3
QD36	220-240	50	3.6	75	93	RSIR	180	ST	6.4
QD55	220-240	50	5.5	133	110	RSIR	240	ST	8.4
QD65	220-240	50	6.5	155	130	RSIR	240	ST	8.4
QD75	220-240	50	7.5	176	146	RSIR	240	ST	8.6
QD85	220-240	50	8.5	202	168	RSIR	240	ST	8.9
QD110	220-240	50	11.0	276	236	RSIR	240	ST	9.9
QD125	220-240	50	12.5	305	254	RSCR	280	ST	11.2



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R406a 220~240V/50Hz

LBP
低背压

序号 No.	应用类型 Application	产品系列 Serial	产品型号 type	马力 Hp	电压/频率 Power Supply (V/Hz)	电机类型 Motor type	制冷量 Capacity		COP Power Efficiency		启动器 Starting Device	启动电容 Starting Capacitor (μF)	运行电容 Running Capacitor (μF)	冷却方式 Cool
							ASHRAE (-23.3℃)	CECOMAF (-25℃)	ASHRAE (-23.3℃)	CECOMAF (-25℃)				
							w		COP (w/w)					
1	LBP 低背压	WT	QD55	1/6	220~240V ~50Hz	RSIR	130	98	1.04	0.81	PTC	/	/	S
2			QD65	1/5		RSIR	158	119	1.08	0.84		/	/	S
3			QD75	1/4		RSIR	176	132	1.09	0.85		/	/	S
4			QD85	1/4		RSIR	202	152	1.10	0.86		/	/	S
5			QD91	1/4		RSIR	216	162	1.12	0.87		/	/	S
6	LBP 低背压	WQ	QD110	3/10	220~240V ~50Hz	RSIR	271	203	1.17	0.91	重锤 Starting Relay	/	/	F
7			QD128	1/3		RSIR	306	230	1.18	0.92		/	/	F
8			QD142	2/5		CSIR	333	250	1.19	0.93		80	/	F
9	LBP 低背压	SC	QD168	1/2	220~240V ~50Hz	CSIR	380	330	1.15	1.06	电流式 Current	80	/	F2
10			QD180	1/2		CSIR	440	382	1.15	1.07		80	/	F2
11			QD210	3/5		CSIR	510	443	1.17	1.08		80	/	F2



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