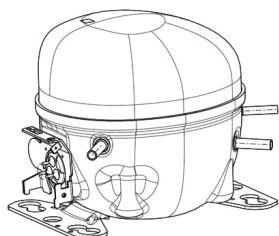



ERUS60HLP



 **ENGINEERING CODE**
513305075

 **REFRIGERANT**
R-134a

 **POWER SUPPLY**
220-240 V 50 Hz

 **APPLICATION**
LBP

 **MOTOR TYPE**
RSCR

 **STANDARD**
EN12900

 **COOLING CAPACITY**
73 W

 **EFFICIENCY**
0.95 W/W



DATA

GENERAL DATA

Model	ERUS60HLP
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube
Compressor Cooling	Static/220
Starting Torque	LST
Plant	BRAZIL

ELECTRICAL DATA

Start Winding Resistance	21.78 Ω at 25°C
Run Winding Resistance	22.22 Ω at 25°C

MECHANICAL DATA

Displacement	5.19 cm ³
Oil Charge	160 ml
Oil Type	ESTER
Oil Viscosity	ISO10
Weight	7.7 Kg

ELECTRICAL COMPONENTS

CSR CSIR BOX	No
Starting Device Type	PTC
Overload Protection	4TM213PFBYY-53

EXTERNAL CHARACTERISTICS

Base Plate	UNI EUEM
------------	----------

Connector	Internal Diameter	Shape	Material
Suction	6.5 mm	STRAIGHT	COPPER
Discharge	4.94 mm	STRAIGHT	COPPER
Process	6.5 mm	STRAIGHT	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	LBP
Tested Standard	EN12900
Tested Cooling	Static
Tested Voltage	220 V
Tested Frequency	50 Hz
Refrigerant Temperature	Dew

RATED POINTS

Condensing Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
40	-35	73	0.95	77	-	1.6

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

PERFORMANCE CURVE**Condensing Temperature 35°C**

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-35	81	1.07	76	-	1.70
-30	113	1.31	86	-	2.38
-25	153	1.57	97	-	3.23
-20	202	1.86	108	-	4.25
-15	258	2.18	118	-	5.47
-10	324	2.56	126	-	6.89

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

PERFORMANCE CURVE**Condensing Temperature 45°C**

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-35	65	0.84	77	-	1.50
-30	94	1.06	89	-	2.15
-25	129	1.27	101	-	2.97
-20	172	1.49	115	-	3.97
-15	223	1.73	129	-	5.17
-10	282	1.99	142	-	6.58

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

PERFORMANCE CURVE**Condensing Temperature 55°C**

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-30	75	0.84	89	-	1.90
-25	105	1.03	103	-	2.69
-20	143	1.20	118	-	3.66
-15	187	1.39	135	-	4.83
-10	239	1.58	152	-	6.21

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

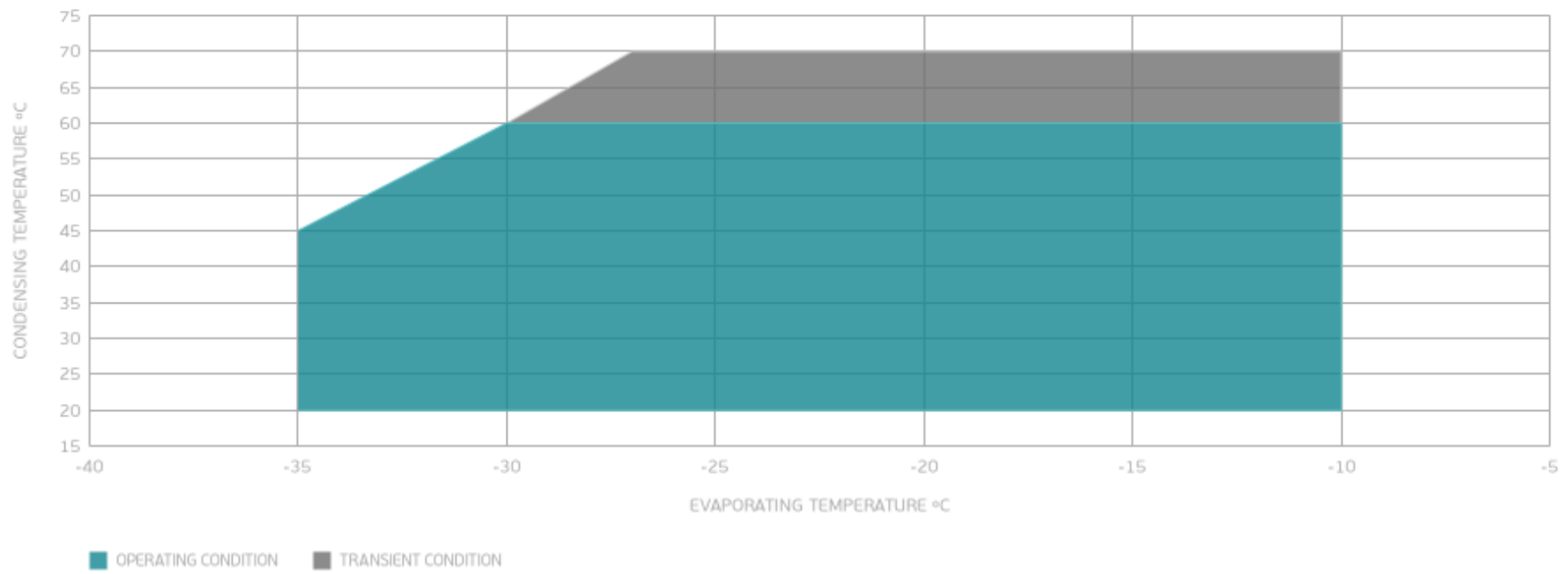
PERFORMANCE CURVE

Condensing Temperature 65°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-25	82	0.81	101	-	2.38
-20	114	0.96	118	-	3.31
-15	152	1.11	137	-	4.44
-10	197	1.26	156	-	5.79

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

ENVELOPE



EXTERNAL DIMENSIONS

