

SCREW COMPRESSOR S71 - 26

Refrigerating capacity and power consumption

Volume ratio 2.6

Refrigerant: R22

Capacity and power consumption

The capacity curves refer to a process with no subcooling of the liquid and no superheating of the suction gas. Corrections for subcooling and superheating are to be made according to manual sheet 44 - E - 10. For operating conditions outside shaded area select higher built-in volume ratio for best efficiency.
The capacity data are based on measurements on series-produced machines.

Condenser performance

For condenser performance see manual sheet 4840 - E - 1.

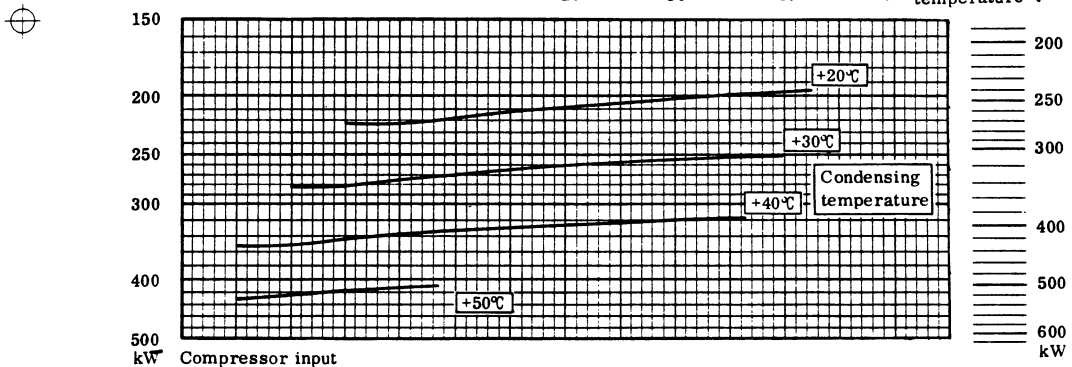
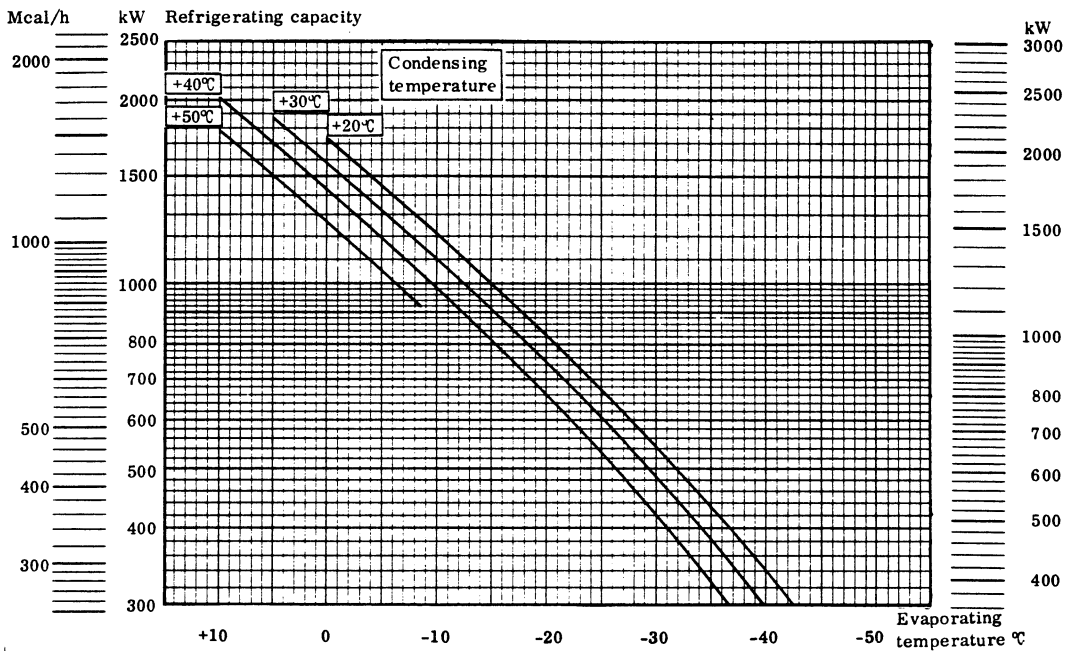
Limitations

There are certain limitations in the operation range of the compressor.

For combination of condensing and evaporating temperatures outside the curves, ask for further information.

50Hz
2950 r/m

60Hz
3540 r/m



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Dokumentation über die Leistung, die von den Geräten, die in diesem Blatt angegeben sind, geliefert werden, wird nur für die Zwecke, die in diesem Blatt angegeben sind, zur Verfügung gestellt. STAL

SCREW COMPRESSOR S71E - 26
Refrigerating capacity and power consumption
Volume ratio 2.6
STALOMIZER

Refrigerant: R22

Capacity and power consumption

The capacity curves refer to a process with subcooling of the liquid to the intermediate temperature (Stalomizer-temperature) and with no superheating of the suction gas. For STALOMIZER-system with heat exchanger the capacity should be reduced 2%. Correction for superheating is to be made according to manual sheet 44 - E - 10. For operating conditions outside shaded area select higher built-in volume ratio for best efficiency.

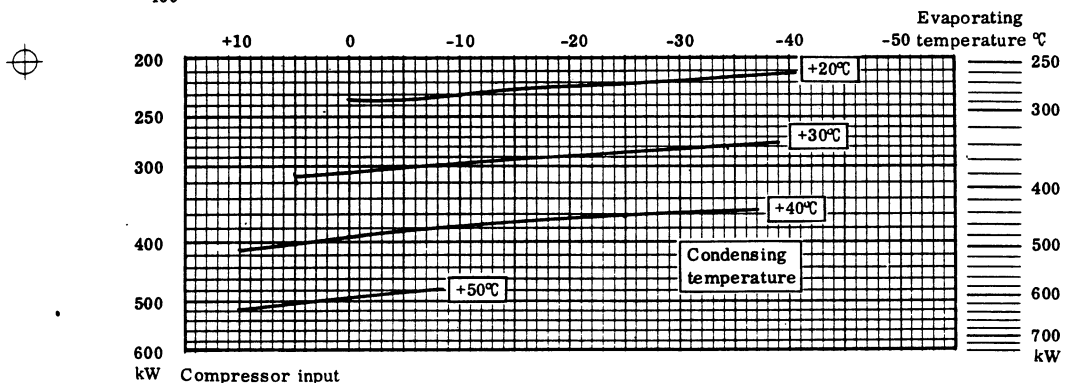
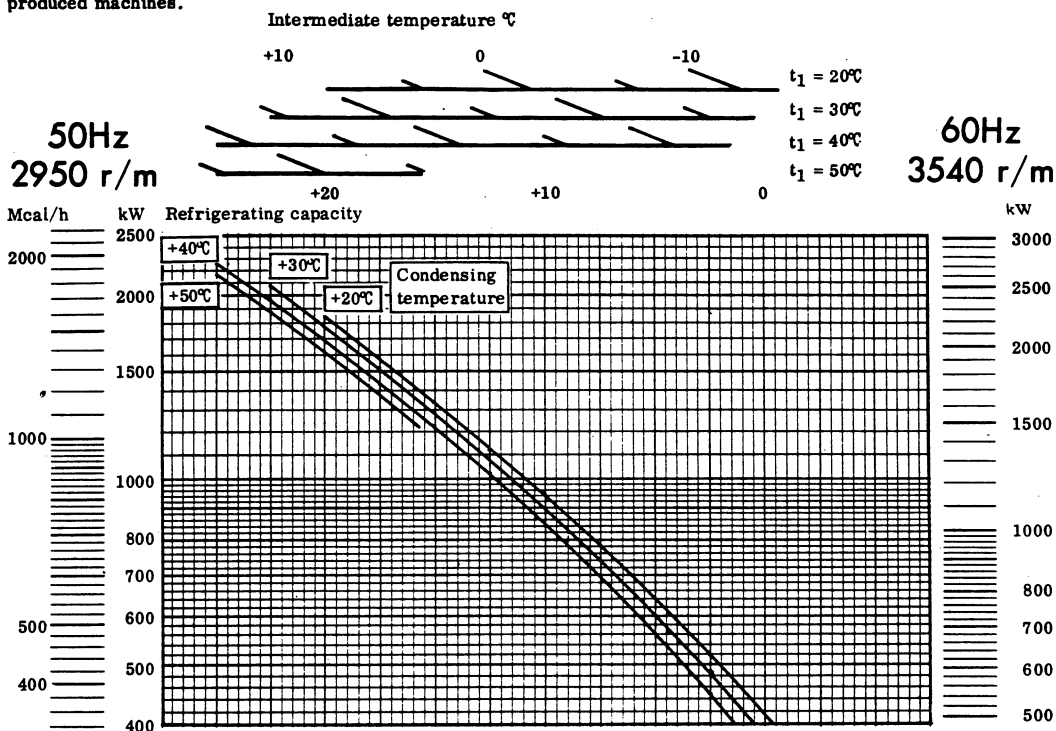
The capacity data are based on measurements on series-produced machines.

Condenser performance

For condenser performance see manual sheet 4840-E-1.

Limitations

There are certain limitations in the operation range of the compressor. For combination of condensing and evaporating temperatures outside the curves, ask for further information.





SCREW COMPRESSOR S71E – 26

Refrigerating capacity and power consumption

Volume ratio 2.6

STALOMIZER

CAPACITY AND POWER CONSUMPTION

The capacity curves refer to a process with subcooling of the liquid to the intermediate temperature (Stalomizer-temperature) and with no superheating of the suction gas. Correction for STALOMIZER-system with heat exchanger and correction for superheating are to be made according to manual sheet 411-E-10.

Check another built-in volume ratio for best efficiency.

Capacity (60 Hz) = Capacity (50 Hz) × 1.2

Compressor input (60 Hz) = Compressor input (50 Hz) × 1.2

t₁ = condensing temperature

For intermediate temperatures see manual sheet 4840-E-5E.

CONDENSER PERFORMANCE

For condenser performance see manual sheet 4840-E-1.

LIMITATIONS

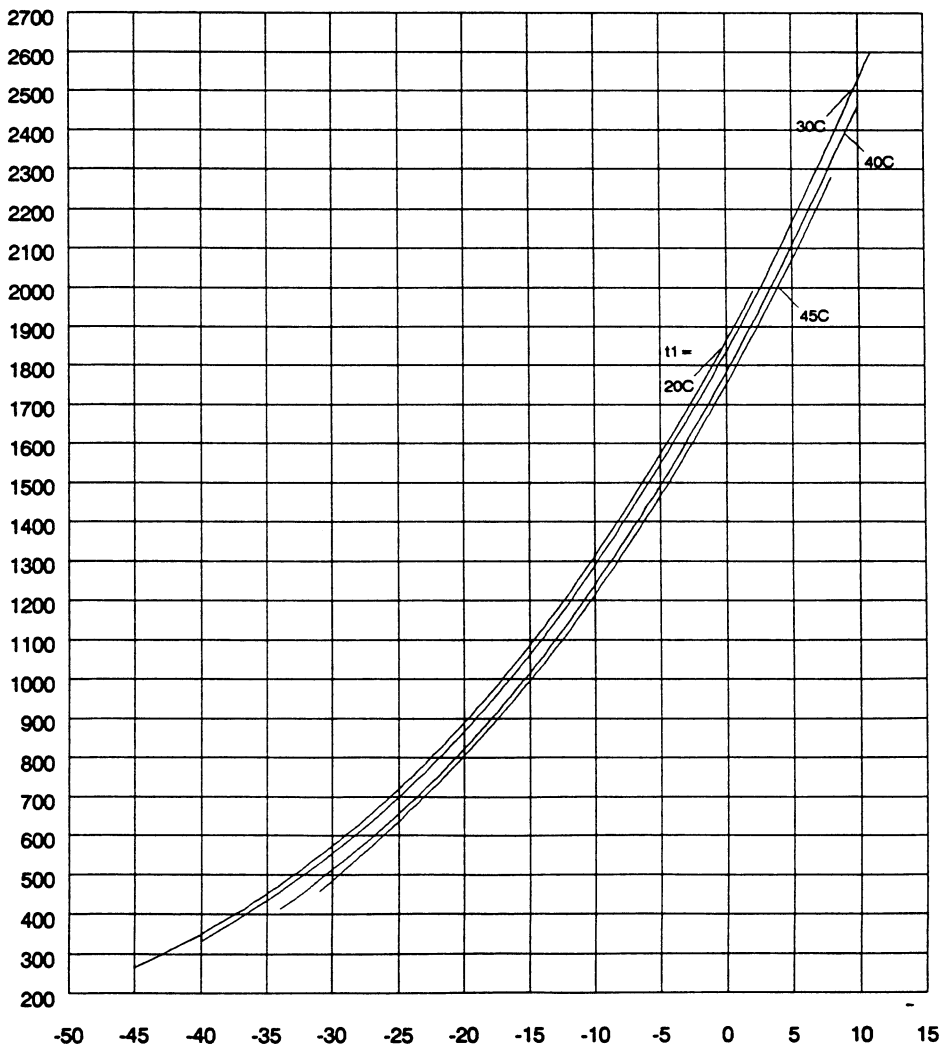
There are certain limitations in the operation range of the compressor.

For combination of condensing and evaporating temperatures outside the curves, ask for further information.

50 Hz
2950 r/m

Refrigerant : NH₃
Cooled oil

Refrigerating capacity (kW)



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STALOMIZER

Refrigerant : NH₃
Cooled oil

50 Hz
2950 r/m

