

Compresseur / Compressor  
Code tension / Voltage code : T

**TRK5512Y**

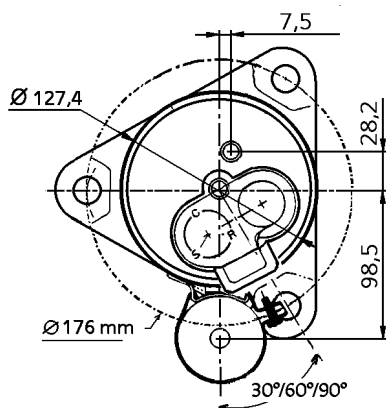
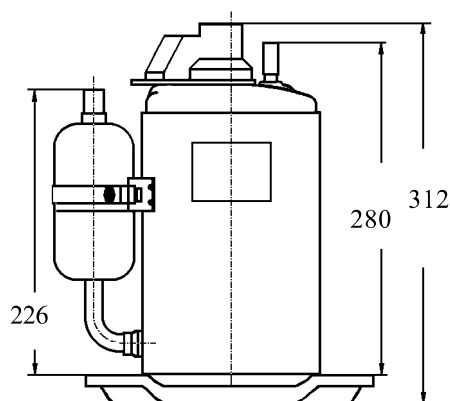
Conditionnement d'air  
Air conditioning ( A.C.)

400-440V / 50-60Hz - 3~

R134a

N° 313SL-T - ind d

| Conditions<br><i>Conditions</i> | fréquence<br><i>frequency</i> | Prod frigorifique nominale / <i>nominal refrigerating capacity</i> |        |       | Puis. sonore<br><i>Sound level</i>  |
|---------------------------------|-------------------------------|--------------------------------------------------------------------|--------|-------|-------------------------------------|
|                                 |                               | Watts                                                              | Kcal/h | BTU/h |                                     |
| Standard                        | 50 Hz                         | 2644                                                               | 2274   | 9016  | ISO 3745 / ISO 3743-1<br><br>67 dBA |
| Standard                        | 60 Hz                         | 3111                                                               | 2675   | 10609 |                                     |
| Cecomaf                         | 50 Hz                         | 2368                                                               |        |       |                                     |
| Cecomaf                         | 60 Hz                         | 2794                                                               |        |       |                                     |



**Cylindrée / Displacement :** 24.4 cm<sup>3</sup>  
**Poids net / Net weight :** 11.2 Kg  
**Charge en huile / Oil charge :** 444 cm<sup>3</sup>  
**Type d'huile / Oil type :** P.V.E. /  
**Détente / Expansion device :** Capillaire/Détendeur  
*Capillary/Exp° valve*  
**Refroidissement / Cooling :** Ventilé / *Forced*

**Résistance à 20° C / Windings resistances at 20° C**  
 Phases 1,2,3. / *Phase Nr 1,2,3 :* 19.9 Ohms

**Intensité / Current**  
 nom. / *Rated current RLA :* 2.1 / 2 A  
 max. / *Max current :* 2.7 / 2.9 A  
 dém. / *Start current LRA :* 12 / 12 A

**Ap. Electrique / Electrical equipment:** TRI

**Protecteur.Thermostatique** MSP61AMJ

**Thermostatic Protector**

T° ouverture / *Opening temp.:* 90 °C  
 fermeture / *Closing temp. :* 57 °C

Pour conduites Ø ext / *For tubing O.D.*

**Aspiration**  
*Suction*

15.9 (5/8")

**Refoulement**  
*Discharge*

7.9 (5/16")

**Charge**  
*Process*

/

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|                 |                                                 |              |                  |              |
|-----------------|-------------------------------------------------|--------------|------------------|--------------|
| <b>TRK5512Y</b> | <b>Tension T : 400V 3~ 50Hz / 440V 3~ 60 Hz</b> | <b>R134a</b> | <b>N°313SL-T</b> | <b>Ind d</b> |
|-----------------|-------------------------------------------------|--------------|------------------|--------------|

Les performances sont données dans les **conditions Standard TE** :      Surchauffe :      11°K  
                                                                                                                  Sous refroidissement:      8.3°K

The performance data are in **Standard TE conditions** :      Superheat :      11°K  
                                                                                                                  Subcooling :      8.3°K

### 50 Hz R134a

| 4  T condensation | 5  T évaporation   | (°C) | -25 | -20 | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|-------------------|--------------------|------|-----|-----|------|------|------|------|------|------|------|
| <b>45</b>         | 1   P frigorifique | (W)  |     |     | 1339 | 1605 | 1952 | 2381 | 2891 | 3482 | 4154 |
|                   | 2   P absorbée     | (W)  |     |     | 746  | 787  | 821  | 849  | 871  | 886  | 895  |
|                   | 3   I absorbée     | (A)  |     |     | 1.88 | 1.92 | 1.95 | 1.98 | 2    | 2.02 | 2.02 |
| <b>55</b>         | 1   P frigorifique | (W)  |     |     |      |      | 1582 | 1959 | 2402 | 2913 | 3491 |
|                   | 2   P absorbée     | (W)  |     |     |      |      | 858  | 904  | 945  | 980  | 1011 |
|                   | 3   I absorbée     | (A)  |     |     |      |      | 2    | 2.05 | 2.11 | 2.16 | 2.2  |
| <b>60</b>         | 1   P frigorifique | (W)  |     |     |      |      |      | 1746 | 2154 | 2621 | 3149 |
|                   | 2   P absorbée     | (W)  |     |     |      |      |      | 931  | 982  | 1027 | 1068 |
|                   | 3   I absorbée     | (A)  |     |     |      |      |      | 2.09 | 2.16 | 2.23 | 2.3  |
| <b>65</b>         | 1   P frigorifique | (W)  |     |     |      |      |      |      | 1861 | 2284 | 2759 |
|                   | 2   P absorbée     | (W)  |     |     |      |      |      |      | 1018 | 1074 | 1126 |
|                   | 3   I absorbée     | (A)  |     |     |      |      |      |      | 2.21 | 2.3  | 2.39 |

### 60 Hz R134a

| 4  T condensation | 5  T évaporation   | (°C) | -25 | -20 | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|-------------------|--------------------|------|-----|-----|------|------|------|------|------|------|------|
| <b>45</b>         | 1   P frigorifique | (W)  |     |     | 1523 | 1877 | 2309 | 2819 | 3409 | 4076 | 4822 |
|                   | 2   P absorbée     | (W)  |     |     | 842  | 897  | 943  | 977  | 1000 | 1013 | 1015 |
|                   | 3   I absorbée     | (A)  |     |     | 1.65 | 1.71 | 1.77 | 1.8  | 1.83 | 1.83 | 1.82 |
| <b>55</b>         | 1   P frigorifique | (W)  |     |     |      |      | 1872 | 2321 | 2834 | 3413 | 4057 |
|                   | 2   P absorbée     | (W)  |     |     |      |      | 985  | 1040 | 1085 | 1121 | 1148 |
|                   | 3   I absorbée     | (A)  |     |     |      |      | 1.81 | 1.87 | 1.92 | 1.96 | 1.99 |
| <b>60</b>         | 1   P frigorifique | (W)  |     |     |      |      |      | 2069 | 2542 | 3073 | 3663 |
|                   | 2   P absorbée     | (W)  |     |     |      |      |      | 1071 | 1128 | 1175 | 1213 |
|                   | 3   I absorbée     | (A)  |     |     |      |      |      | 1.91 | 1.97 | 2.03 | 2.07 |
| <b>65</b>         | 1   P frigorifique | (W)  |     |     |      |      |      |      | 2198 | 2679 | 3212 |
|                   | 2   P absorbée     | (W)  |     |     |      |      |      |      | 1169 | 1228 | 1279 |
|                   | 3   I absorbée     | (A)  |     |     |      |      |      |      | 2.02 | 2.09 | 2.15 |

1 = refrigerating capacity      2 = watt input      3 = current      4 = condensing temperature      5 = evaporating temperature

**Nota :** Les caractéristiques données dans cette fiche technique peuvent évoluer sans avis préalable, avec les améliorations que "TECUMSEH EUROPE" entend toujours apporter à sa production.

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