

## Performer SZ090S4VC

### Specifications

|                   |                           |
|-------------------|---------------------------|
| Merk              | Performer                 |
| Type              | SZ090S4VC                 |
| Koudemiddel       | Freon                     |
| Refrigerant type  | R407 C or other types     |
| kW at +10°C/+40°C | 27                        |
| kW at 0°C/+40°C   | 18                        |
| kW at -5°C/+40°C  | 14                        |
| kW at -10°C/+40°C | 11                        |
| Opmerkingen       | 400V 3 ~ 50 Hz            |
| Afmetingen        | 350x300x500 mm<br>(LxWxH) |
| Stock             | 8                         |



### Description

#### Used Performer SZ090S4VC

Gebruikte performer SZ090S4VC scroll compressoren//8 stuks (s/n: TL115967923)/400V 3 ~ 50 Hz



## COMPRESSOR MODEL DESIGNATION

Performer® scroll compressors are available both as single compressors and as tandem units. The example below presents single compressor nomenclature.

For tandem assemblies, please refer to the Performer® Parallel Application Guidelines documentation.

### Nomenclature

| Family, lubricant & refrigerant                                                                                                                                                                                                                                                                                                                                                                                                                           | Nominal capacity | Voltage                      | Version  | Evolution Index |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|----------|-----------------|---------------------------------------------|
| S Z<br>S Y                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 8 5<br>3 0 0   | 4<br>9                       | R<br>A A | C<br>A          |                                             |
| <p><b>Family, lubricant &amp; refrigerant</b><br/>SM: Scroll, mineral oil, for R-22<br/>SY: Scroll, POE lubricant, for R-22<br/>SZ: Scroll, POE lubricant, for R-407C - R-134a</p> <p><b>Nominal capacity</b><br/>in thousand Btu/h at 60 Hz, R-22, ARI conditions</p> <p><b>UL index</b></p> <p><b>Voltage</b><br/>Motor voltage code:<br/>3: 200-230/3/60<br/>4: 380-400/3/50 - 460/3/60<br/>6: 230/3/50<br/>7: 500/3/50 - 575/3/60<br/>9: 380/3/60</p> |                  |                              |          |                 |                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | Motor protection type        | Version  | Applies to      |                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | Internal overload protector  | V        | V: brazed       | S 084 - 090<br>100 - 110 - 120<br>148 - 161 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                              | C        | C: brazed       |                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | Internal thermostat          | R        | R: rotolock     | S 115 - 125<br>160 - 175 - 185              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                              |          |                 |                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | Electronic protection module | AA       | A: brazed       | A: 24V                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                              | AB       | A: brazed       | B: 115/230V                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                              | MA       | M: rotolock     | A: 24V                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                              | MB       | M: rotolock     | B: 115/230V                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                              |          |                 | S 240* - 300*<br>- 380*                     |

\*For this assemblies, please contact Danfoss.

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### Connection details

| Model                               | SM/SZ 084 - 090 - 100<br>110 - 120 - 148 - 161 | SM/SZ 115 - 125 - 160 -<br>175 - 185 | SY/SZ 240 - 300 |            | SY/SZ 380  |            |
|-------------------------------------|------------------------------------------------|--------------------------------------|-----------------|------------|------------|------------|
| Version                             | V                                              | R                                    | C               | MA<br>MB   | AA<br>AB   | AA<br>AB   |
| Suction and discharge connection    | brazed                                         | rotolock                             | brazed          | rotolock   | brazed     | brazed     |
| Oil sight glass                     | threaded                                       | threaded                             | threaded        | threaded   | threaded   | threaded   |
| Oil equalization connection         | 3/8" flare                                     | 3/8" flare                           | 3/8" flare      | 1/2" flare | 1/2" flare | 1/2" flare |
| Oil drain connection                | -                                              | 1/4" NPT                             | 1/4" NPT        | 1/4" NPT   | 1/4" NPT   | 1/4" NPT   |
| Low pressure gauge port (schroeder) | 1/4" flare                                     | 1/4" flare                           | 1/4" flare      | 1/4" flare | 1/4" flare | 1/4" flare |