

## Information

Please note that the following data may be incomplete.  
When ordering spare parts please indicate the complete serial number.

## Catalog designation

R27 DRS71S4BE05  
Helical gearmotors R..DRS.. (IE1)

Click these icons for further information in Online Support



## Reference data

|               |                         |
|---------------|-------------------------|
| Transaction   | : 72092737              |
| Item          | : 100                   |
| Serial number | : 05.7209273701.0001.15 |

## Product data

|                                         |                                |
|-----------------------------------------|--------------------------------|
| Speed 50Hz [r/min]                      | : 1380 / 48                    |
| Speed 60Hz [r/min]                      | : 1700 / 59                    |
| Total ratio [i]                         | : 28,78                        |
| Ma max [Nm]                             | : 130                          |
| Output torque 50Hz [Nm]                 | : 74                           |
| Output torque 60Hz [Nm]                 | : 60                           |
| Service factor SEW-FB                   | : 1,75 / 2,20                  |
| Mounting position                       | : M1                           |
| ISO code                                | : CLP 220                      |
| Lubricant type                          | : Miner.Oil                    |
| Lubricant volume [l]                    | : 0,25                         |
| Motor power [kW]                        | : 0.37 / 0.37                  |
| Cyclic duration factor S1-S10           | : S1                           |
| Multi range-voltage 50Hz [V]            | : 220-242 delta / 380-420 star |
| Nominal current [A]                     | : 2,15 / 1,23                  |
| Multi range-voltage 60Hz [V]            | : 254-277 delta / 440-480 star |
| Nominal current [A]                     | : 1,83 / 1,06                  |
| motor frequency A [Hz]                  | : 50                           |
| motor frequency B [Hz]                  | : 60                           |
| cos phi                                 | : 0,70 / 0,65                  |
| Thermal cl.[°C]/Enclosure[IP]           | : 130(B) / 55                  |
| Efficiency 50 Hz                        | : 66,6                         |
| Efficiency 60 Hz                        | : 68,0                         |
| Efficiency 50Hz<br>at 50/75/100% Pn [%] | : 59,1 / 65,3 / 66,6           |
| Efficiency 60Hz<br>at 50/75/100% Pn [%] | : 66,5 / 67,7 / 68,0           |
| Ambient temperature min. [°C]           | : -20                          |
| Ambient temperature max. [°C]           | : 40                           |
| Brake voltage [V]/-torque [Nm]          | : 400 AC / 5                   |
| Brake voltage range [V]                 | : 380-480 AC                   |
| Brake rectifier nameplate               | : BG1.5                        |
| Nameplate                               | : French                       |
| Nameplate text                          | : 2887211                      |
| Weight                                  | : 15.00 kg                     |

