

## Catalog designation

SA87R57DRN71M4/C

## Product data

|   |   |
|---|---|
| Rated motor speed                                     | [1/min] : 1415                              |
| Output speed  | [1/min] : 0.9                               |
| Overall gear ratio                                    | : 1631.00                                   |
| Output torque   | [Nm] : 2210                                 |
| Service factor SEW-FB                                 | : 1.15                                      |
| Mounting position                                     | : M4A                                       |
| Base / top coat                                       | : 5010 Gentian blue (51350100)              |
| Terminal box position [°]                             | [°] : 90                                    |
| Cable entry position                                  | : X   |
| Hollow shaft  | [mm] : 70                                   |
| Design type   | : Hollow shaft                              |
| Permitted output overhung load with n=1400            | [N] : 30000                                 |
| Lubricant quantity 1st gear unit                      | [Liter] : 10.8                              |
| Lubricant quantity 2nd gear unit                      | [Liter] : 2                                 |
| Motor power   | [kW] : 0.37                                 |
| Duration factor                                       | : S1-100%                                   |
| Efficiency class                                      | : IE3                                       |
| Efficiency (50/75/100% Pn)                            | [%] : 74.3 / 77.3 / 77.3                    |
| CE mark   | : Yes                                       |
| Motor voltage   | [V] : 230/400                               |
| Wiring diagram  | : R13                                       |
| Frequency   | [Hz] : 50                                   |
| Rated current   | [A] : 1.78 / 1.02                           |
| Cos Phi   | : 0.66                                      |
| Thermal class   | : 155(F)                                    |
| Motor protection type                                 | : IP65                                      |
| Design requirement                                    | : Europe (CE)                               |
| Mass moments of inertia (referring to the input side) | [10 <sup>-4</sup> kgm <sup>2</sup> ] : 7.10 |
| Weight  | [kg] : 121.00                               |



### Additional feature

Thermal class 155(F)  
 Canopy C- Protection cowl (Plastic)  
 Lubricant: CLP PG 680 (-15 / +80 °C): 10.8 Liter  
 Lubricant: CLP PG 680 (-20 / +80 °C): 2 Liter  
 Degree of protection IP 65  
 Color: 5010 Gentian blue (51350100)

The present product information does not represent a quotation in legal terms. Technical data must be confirmed in a final technical verification. This verification is performed when creating the quotation/order. A legally binding contract requires an order issued by the ordering party and an order confirmation issued by SEW-EURODRIVE GmbH & Co KG.

You can find the exact net weight on the order confirmation. For technical reasons, the real weight may differ from this information.

DC Version 2.48 SP1

Created on: 8/20/2024 1:58:33 PM CEST/ Krum Karailiev / KARAILIEV@BEVER.BG

**Маркировки и снимки Мотор-Редуктор SA87 R57 DRN71M4/C**  
**Производитель: SEW-EURODRIVE GmbH & Co. KG**







