

Catalog designation

SA37 DRN63M4
Helical-worm gearmotors S..DRN.. (IE3)

Product data

| | |
|--------------------------------|----------------------------------|
| Speed 50Hz [r/min] | : 1375 / 45 |
| Speed 60Hz [r/min] | : 1695 / 55 |
| Total ratio [i] | : 30,68 / infinite |
| Ma max [Nm] | : 76 |
| Output torque 50Hz [Nm] | : 31 |
| Output torque 60Hz [Nm] | : 25 |
| Service factor SEW-FB | : 2,50 / 2,90 |
| Mounting position | : M2A |
| Term.box.pos.[°] / cable entry | : 0 (R) / normal |
| Lubricant / -volume [l] | : CLP 680 Miner.Oil / PSS / 0,40 |
| Paint coat | : Top coat RAL7031 (blue gray) |
| | |
| Gear unit | : SA37 |
| Hollow shaft | : 20mm |
| Design | : Hollow shaft |
| Safety cover | : None |
| Output oil seal | : 2 oil seals |
| Breather valve | : Nirosta type |
| Breather variant | : Standard |
| Delivery state | : Breather valve mounted |
| Screw plug bore dimens. sheet | : 27001__97 |
| Documentation no. A | : 27801357 |
| Parts list | : 020350423 / 0 |
| | |
| Motor | : DRN63M4 |
| Output oil seal material | : Premium Sine Seal - FKM |
| Motor power [kW] | : 0.18 |
| Cyclic duration factor S1-S10 | : S1 |
| Multi range-voltage 50Hz [V] | : 220-240 delta / 380-415 star |
| Nominal current [A] | : 1,00 / 0,58 |
| Multi range-voltage 60Hz [V] | : 254-277 delta / 440-480 star |
| Nominal current [A] | : 0,93 / 0,54 |
| cos phi | : 0,65 / 0,59 |
| Wiring diagram | : R13 / 680010306 |
| Thermal cl.[°C]/Enclosure[IP] | : 130(B) / 54 |
| International efficiency class | : IE3 |
| Efficiency 50Hz | |
| at 50/75/100% Pn [%] | : 65,1 / 69,4 / 69,9 |
| Efficiency 60Hz | |
| at 50/75/100% Pn [%] | : 63,5 / 68,5 / 70,0 |
| CE mark | : Yes |
| Documentation no. A | : 25957074 26861313 30589460 |
| | |
| Nameplate | : English |
| Nameplate position | : 270° |
| Opera.instr. A lang./quantity | : English / 0 |
| Parts list/language/quantity | : English / 0 |
| Commodity code | : 85015100 |
| Weight | : on request |

