

Catalog designation

WA20 DRN71MS4
 SPIROPLAN® gearmotor W..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 425813679
 Item : 100

Product data

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|--------------------------------|---|
| Speed [r/min] | : 1720 / 44 |
| Total ratio [i] | : 39,00 / finite |
| No. of teeth nom./denominator | : 39/1 |
| Ma max [Nm] | : 40 |
| Output torque [Nm] | : 32 |
| Output torque [lb-in] | : 285 |
| Service factor SEW-FB | : 1,25 |
| Mounting position | : M0A, universal mounting posit. |
| Term.box.pos.[°] / cable entry | : 270 (T) / position 3 |
| Lubricant / -volume [l] | : SEW PG 460 Synth.Oil / 0,24 |
| Lubricant volume [US gal] | : 0.065 |
| Paint coat | : Top coat RAL9005 (jet black) |
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| Gear unit | : WA20 |
| Hollow shaft | : 20mm |
| Design | : Hollow shaft |
| Safety cover | : None |
| Documentation no. A | : 31978088 |
| Spare parts list | : You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support. |
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| Motor | : DRN71MS4 |
| Motor power [kW] | : 0.25 |
| Motor power [HP] | : 0.33 |
| Motor frequency [Hz] | : 60 |
| Cyclic duration factor S1-S10 | : S1 |
| Motor voltage [V] / conn. type | : 230/460 double star/star |
| Nominal current [A] | : 1,29 / 0,64 |
| cos phi | : 0,62 |
| Wiring diagram | : R76 / 680430706 |
| Thermal cl.[°C]/Enclosure[IP] | : 155(F) / 54 |
| Service factor motor | : 1.15 |
| International efficiency class | : IE3 |
| Efficiency | |
| at 50/75/100% Pn [%] | : 69,2 / 73,1 / 74,0 |
| Design specification | : USA (UR) /Canada (CSA) |
| CE mark | : No |
| EISA identification | : Yes, conform to EISA |
| K.V.A.code | : J |
| Terminal box | : Terminal box lower part made of aluminum with tapped hole 2xNPT 1/2" |



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|-------------------------------|---|
| CT speed range | : 300-1800rpm |
| Documentation no. A | : 25957074 26861313 30589460 |
| Spare parts list | : You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support. |
| Nameplate | : English / Imperial units |
| Nameplate position | : 180° |
| Opera.instr. A lang./quantity | : English / 0 |
| Parts list/language/quantity | : English / 0 |
| Commodity code | : 85015100 |
| Weight | : 8.55 kg |