

3、 Motor Data sheets- DOSING PUMP FOR UNIT 6

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|---|--------|---------------------------------|
| 1. Name of motor | - | Motor Of Dosing Pump For Unit 6 |
| 2. Manufacturer | - | SIEMENS |
| 3. Country of origin | - | China |
| 4. Type/machine code | - | 1LE0001-2AA4 3-3AA4-Z |
| 5. Applied standard (characteristics) | - | IEC |
| 6. Ratings | | |
| (1) Rated output | kW | 30 |
| (2) Service factor | - | 1.0 |
| (3) Number of pole | - | 2P |
| (4) Rated speed | rpm | 2955 |
| (5) Rated voltage | V | 380 |
| (6) Number of phases | | 3 |
| (7) Rated frequency | Hz | 50 |
| (8) Insulation class | - | F |
| (9) Temperature rise | - | B |
| (10) Rated duty | | S1 |
| 7. Service Conditions | | |
| (1) Starting method | - | DOL |
| (2) Direction of rotation (viewed from DE) | - | C.W. |
| (3) Reverse rotation (Yes / No) | - | No |
| (4) Location (Indoor / Outdoor) | | Outdoor |
| (5) Enclosure IP rating | - | |
| (a) Motor frame | - | IP55 |
| (b) Terminal boxes | - | IP55 |
| (6) Installation (Horizontal / Vertical) | | Horizontal |
| (7) Design ambient temperature | °C | 40 |
| (8) Explosion proof (Required / Not required) | - | No |
| (9) Noise level (at full-load condition) | dB (A) | 71 |
| 8. Characteristics | | |
| (1) Current | | |
| (a) Normal current | A | 58 |
| (b) No-load current | A | |
| (c) Starting current | A | 435 |

| | | |
|---|-------|---------------------|
| (2) Torque | Nm | 97 |
| (a) Starting torque | Nm | 242.5 |
| (b) Maximum torque | Nm | 310.4 |
| (3) Slip at rated output | % | - |
| (4) Efficiencies | | |
| (a) At 100% load | % | 92 |
| (b) At 75% load | % | 92.3 |
| (c) At 50% load | % | - |
| (d) At 25% load | % | - |
| (5) Power factor | | |
| (a) At rated load | % | 86 |
| (b) At starting load | % | - |
| (6) GD2 coupled with driven equipment | kg-m2 | - |
| (7) Starting time with driven equipment | s | - |
| (8) Allowable number of starts | - | - |
| (a) From cold condition per hour | - | 3 |
| (b) From hot condition per hour | - | 2 |
| (c) Minimum time between 2 starts (running state) | min | 30 |
| (d) Minimum time between 2 starts (stop state) | min | 5 |
| (9) Allowable locked-rotor time | s | - |
| (a) At cold condition | s | 3 |
| (b) At hot condition | | 2 |
| 9. Constructions | | |
| (1) Stator winding connection (Wye / Delta) | - | Delta |
| (2) Type of bearing (DE / NDE) | - | 6212 Z C3/6212 Z C3 |
| (3) Lubricants | | |
| (a) Recommended lubricant and brand name | - | Unirex N3 |
| (b) Pouring method | - | Oil filler hole |
| (c) Quantity of lubricant for initial filling | - | - |
| (d) Recommended interval for recharging | - | - |
| (e) Recharging quantity | - | 4000h |
| (f) Location of pouring | - | 40 |
| (indicated in the outline drawing) | | |
| (4) Bearing cooling water requirement (if required) | - | NO |
| (a) Quantity | - | - |
| (b) Inlet water temperature | - | - |
| (c) Required cooling water pressure | - | - |
| (d) Type of cooling water | - | - |
| (5) Water to air heat exchanger (if applied) | | NO |
| (a) Quantity of cooling water | h | |
| (b) Inlet water temperature | g | |

