



## Sanyo Denki - PY Super BL Servo Amplifiers

### PY2A030A2GS1PK0



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The **PY2A030A2GS1PK0** is a part of the **PY Super BL Servo Amplifiers Series** by **Sanyo Denki**.

## Specifications

|                                                |                                             |                                                           |                                 |                                                 |                      |
|------------------------------------------------|---------------------------------------------|-----------------------------------------------------------|---------------------------------|-------------------------------------------------|----------------------|
| <b>Continuous Stall Armature Current (is):</b> | 7.9 Arms                                    | <b>Continuous Stall Torque (ts):</b>                      | 8.8 N·m (90 kg·cm)              | <b>Electrical Time Constant (te):</b>           | 5.3 msec             |
| <b>Induced Voltage Constant (ke?):</b>         | 47.0 mV/(min <sup>-1</sup> ) or 47.0 V/krpm | <b>Instantaneous Maximum Stall Armature Current (ip):</b> | 17.9 Arms                       | <b>Instantaneous Maximum Stall Torque (tp):</b> | 19.6 N·m (200 kg·cm) |
| <b>Maximum Revolution Speed (nmax):</b>        | 2000 rpm                                    | <b>Mechanical Time Constant (tm):</b>                     | 4.9 msec                        | <b>Phase Armature Resistance (r?):</b>          | 0.84 ?               |
| <b>Rated Armature Current (ir):</b>            | 6.9 Arms                                    | <b>Rated Output (pr):</b>                                 | 1500 W                          | <b>Rated Revolution Speed (nr):</b>             | 2000 rpm             |
| <b>Rated Torque (tr):</b>                      | 7.4 N·m (75 kg·cm)                          | <b>Torque Constant (kt):</b>                              | 1.34 N·m/Arms (13.7 kg·cm/Arms) | <b>Weight (we):</b>                             | 16.1 kg              |
| <b>Last Verified:</b>                          | 08/22/2025 8:23 PM                          |                                                           |                                 |                                                 |                      |

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## Shipping Options



## Payment Methods



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