



08.10.2025

| SLD 24 -H -H |                                                         |        |          |
|--------------|---------------------------------------------------------|--------|----------|
| Name         | Bezeichnung                                             | Value  | Unit     |
| p300         | Motor type selection                                    | 4      |          |
| p301         | Motor code number selection                             | 0      |          |
| p305         | Rated motor current                                     | 29,40  | Aeff     |
| p311         | Rated motor velocity                                    | 600,00 | m/min    |
| p315         | Motor pole pair width                                   | 28,00  | mm       |
| p316         | Motor force constant                                    | 69,00  | N/Aeff   |
| p322         | Motor maximum velocity                                  | 600,00 | m/min    |
| p323         | Maximum motor current                                   | 113,00 | Aeff     |
| p338         | Motor limit current                                     | 113,00 | Aeff     |
| p341         | Motor weight                                            | 23,00  | kg       |
| p312         | Rated motor force                                       | 688,00 | N        |
| p317         | Motor voltage constant                                  | 34,64  | Veff s/m |
| p318         | Motor stall current                                     | 29,40  | Aeff     |
| p319         | Motor stall force                                       | 688,00 | N        |
| p320         | Motor rated magnetizing current/short-circuit current   | 0,001  | Aeff     |
| p325         | Motor pole position identification current 1st phase    | 0,000  |          |
| p326         | Motor stall force correction factor                     | 100,00 | %        |
| p327         | Optimum motor load angle                                | 90,00  | °        |
| p328         | Motor reluctance force constant                         | 0,00   | mH       |
| p329         | Motor pole position identification current              | 35,00  | Aeff     |
| p348         | Velocity at the start of field weakening Vdc = 600 V    | 660,00 | m/min    |
| p391         | Current controller adaptation starting point KP         | 29,40  | Aeff     |
| p392         | Current controller adaptation starting point KP adapted | 113,00 | Aeff     |
| p393         | Current controller adaptation p gain adaptation         | 30,00  | %        |
| p350         | Motor stator resistance cold                            | 0,15   | Ohm      |
| p356         | Motor stator leakage inductance                         | 1,50   | mH       |
| p604         | Mot_temp_mod 2: sensor alarm threshold                  | 100,00 | °C       |
| p605         | Mot_temp_mod 1/2 sensor threshold and temperature value | 105,00 | °C       |
| p606         | Mot_temp_mod 2: sensor timer                            | 1,00   | s        |
| p611         | I2t motor model thermal time constant                   | 30,00  | s        |
| p612.0       | Activate mot_temp_mod 1 (I2t)                           | 1,00   |          |
| p615         | Mot_temp_mod 1 (I2t) fault threshold                    | 100,00 |          |
| p1752        | Motor model changeover speed operation with encoder     | 660,00 | m/min    |
| p1980        | PolID technique                                         | 1      |          |
| p1981        | PolID distance max                                      | 30     | °        |