



| PPU-E35 Z-Axis (MSA111C-DQ) | | | |
|-----------------------------|---|---------|----------|
| Name | Bezeichnung | Value | Unit |
| p300 | Motor type selection | 4 | |
| p301 | Motor code number selection | 0 | |
| p305 | Rated motor current | 3,30 | Aeff |
| p311 | Rated motor velocity | 150,00 | m/min |
| p315 | Motor pole pair width | 28,10 | mm |
| p316 | Motor force constant | 60,00 | N/Aeff |
| p322 | Motor maximum velocity | 300,00 | m/min |
| p323 | Maximum motor current | 12,00 | Aeff |
| p338 | Motor limit current | 12,00 | Aeff |
| p341 | Motor weight | 4,50 | kg |
| p312 | Rated motor force | 195,00 | N |
| p317 | Motor voltage constant | 65,00 | Veff s/m |
| p318 | Motor stall current | 3,30 | Aeff |
| p319 | Motor stall force | 195,00 | 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 | 7,00 | Aeff |
| p348 | Velocity at the start of field weakening Vdc = 600 V | 300,00 | m/min |
| p391 | Current controller adaptation starting point KP | 4,80 | Aeff |
| p392 | Current controller adaptation starting point KP adapted | 1200,00 | Aeff |
| p393 | Current controller adaptation p gain adaptation | 30,00 | % |
| p350 | Motor stator resistance cold | 6,86 | Ohm |
| p356 | Motor stator leakage inductance | 69,00 | mH |
| p407 | Linear encoder grid division | 512000 | nm |
| p600 | Motor temperature sensor for monitoring | 1 | |
| p601 | Motor temperature sensor type | 2 | |
| p604 | Mot_temp_mod 2/sensor alarm threshold | 85,00 | °C |
| p605 | Mot_temp_mod 1/2 threshold | 90,00 | °C |
| p606 | Mot_temp_mod 2/sensor timer | 1,00 | s |
| p1980 | PollID technique | 1 | |
| p1981 | PollID distance max | 30 | ° |
| p1982 | PollID selection | 0 | |