
MOTOR

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| SERIE | BMD - Servomotores síncronos AC |
| TAMAÑO | 145 - 2.76-8.6 [kW]/3.7-11.5 [Hp] |
| PUESTO DE TORQUE | 16.8 - Par de Bloqueo 16.8 [Nm] |
| VELOCIDAD | 3000 - Velocidad Nominal 3000 [min-1] |
| TENSION-FRECUENCIA | 400 - 400 [V] |
| BRIDA | 165 |
| DIAMETRO DEL EJE | 24 - Árbol ø24 [mm]/0.94 [in] |
| CHAVETA | K - Con llave |
| CLASE DE PROTECCION | 65 - Grados de protección IP65 |
| PROTECCION TERMICA | PTC - Termistor PTC 150 |
| Retroacción | ENB4 - Enc.Abs.Multivuelta Hyperface |
| CONECTOR POTENCIA | P1N - Con.macho ang. sin con.hembra |
| CONECTOR EXAMEN | S1N - Con.macho ang. sin con.hembra |

OPCION MOTOR

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|--------------|-----------------------|
| FRENO | F24 - Freno 24 [V] DC |
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DATOS TÉCNICOS

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|--------------------------------------------------|------|
| M0 [Nm] | 16.8 |
| Mn Par nominal del motor [Nm] | 16 |
| nn [min-1] | 3000 |
| fn Frecuen.nomi.del motor [Hz] | 200 |
| Pn Potencia Nominal Motor [KW] | 5.0 |
| Mmax [Nm] | 46 |
| Jm Mom.motor de inercia[kgcm²] | 14.5 |
| τ_{el} [ms] | 16 |
| τ_{th} [min] | 36 |
| mM masa [kg] | 17.8 |
| Vn voltaje nomi.del mot.AC[V] | 308 |
| I0 [A] | 13.0 |
| fs Factor de servicio | 12.5 |
| I_{max} corriente maxima [A] | 50 |
| Ke [V/1000min-1] | 83 |
| KT [Nm/A] | 1.29 |
| Rpp [Ω] | 0.72 |
| Lpp [mH] | 11.5 |
| Mb 20°C | 18 |

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| Mb 100°C | 15 |
| Vb [V dc] | 24 |
| Ib [A] | 1 |
| Pb 20°C | 24 |
| t1 [ms] | 10 |
| t2 [ms] | 50 |
| IMM | B5 |