| VASCAT | **MOTOR MAC QT 315 S**<br>- Hoja de Datos Técnicos en Modo Generador-<br>*- Absorbing ModeTechnical Datasheet -* | Codigo DT-AF076-21-01<br>Edición 01<br>Página 1/2<br>Fecha 17/12/2021 |
|---|---|---|

| **Ventilador / Fan** | |
|---|---|
| Tipo de Refrigeración<br>*Cooling Mode* | IC 06 |
| Alimentación / *Supply* | 400V 50Hz |
| Potencia / *Power* | 4 KW |
| Corriente / *Current* | 7,4 A |
| Velocidad / *Speed* | 2925rpm |
| Caudal / *Air flow* | 4000 m3/h |
| Presión / *Pressure* | 2450 Pa |
| Por favor, indicar en los pedidos la alimentación deseada para el ventilador / Please indicate the required fan supply voltage when placing your order | |

| | | | | | |
|---|---|---|---|---|---|
| Rodamientos<br>*Bearings* | Delantero<br>*Drive End* | 6024.ZZ.C3 | Trasero<br>*Non Drive End* | 6024.ZZ.C3 | |
| Nº de polos<br>*No of poles* | 6 | Momento de inercia<br>*Rotor Inertia* | J = 9,68 Kg m2 | Peso Motor<br>*Motor Weight* | 1750 Kg |
| Protección<br>*Protection Degree* | IP 23 | Construcción<br>*Mounting* | IM B3 / B35 | Equilibrado grado<br>*Balancing degree* | B |
| Nivel de ruido<br>*Noise Level* | < 90 dB | Velocidad máxima mecánica<br>*Max. Mechanical Speed* | 4000 rpm | | |
| Aislamiento Clase<br>*Insulation Class* | F | Protección Térmica<br>*Thermal Protection* | PTC 155 ºC | Ambiente<br>*Ambient* | < 40 ºC < 1000 m |
| Normas de referencia<br>*Reference Standards* | EN60034 | Conmutación Variador<br>*Inverter Switching* | 4 kHz ; du/dt TS60034-25 Type B | | |
| Alojamientos de los rodamientos eléctricamente aislados<br>*Electrically insulated bearing housings* | | Anillo SGR de puesta a tierra del eje en NDE<br>*SGR shaft grounding ring on NDE* | | Sondas Térmicas Rodamientos<br>*Bearing Thermal Probes* | Pt100 |
| Tensión de Base del Motor<br>*Motor Base Voltage* | Vb ± 5% **400 V** | Tensión Máxima de Salida del Convertidor<br>*Inverter max. Output Voltage* | Vc **400 V** | | |

| | Servicio / Service S1 | | | | | | Servicio / Service S6 - 40% | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bobinado *Winding* | Nm | A ± 2% | KW abs. | rpm | Hz | Velocidad a Pot.Cte *Const. Power Speed.* (rpm) | Nm | A ± 5% | KW abs. | rpm | Hz | Velocidad a Pot.Cte *Const. Power Speed.* (rpm) | Corriente en vacio *No Load Current* (A) |
| A61 | 4200 | 428 | 261 | 594 | 29 | 1030 | 6255 | 617 | 389 | 594 | 29 | 690 | 144 |
| B61 | 4200 | 471 | 288 | 654 | 32 | 1140 | 6258 | 681 | 429 | 654 | 32 | 760 | 154 |
| C61 | 4200 | 528 | 332 | 755 | 37 | 1320 | 6263 | 767 | 495 | 755 | 37 | 880 | 162 |
| D61 | 4200 | 590 | 367 | 835 | 41 | 1460 | 6261 | 855 | 547 | 835 | 41 | 970 | 186 |
| E61 | 4200 | 679 | 420 | 955 | 47 | 1670 | 6264 | 986 | 626 | 955 | 47 | 1120 | 208 |
| F61 | 4000 | 755 | 458 | 1094 | 54 | 1910 | 5957 | 1089 | 682 | 1094 | 54 | 1280 | 254 |
| C62 | 3650 | 803 | 471 | 1232 | 61 | 2150 | 5426 | 1147 | 700 | 1232 | 61 | 1440 | 299 |
| D62 | 3300 | 831 | 474 | 1371 | 68 | 2390 | 4890 | 1170 | 702 | 1371 | 68 | 1610 | 351 |
| E62 | 2900 | 864 | 477 | 1570 | 78 | 2740 | 4281 | 1196 | 703 | 1570 | 78 | 1850 | 406 |

Otras Velocidades disponibles bajo consulta / *Other speeds available on request*

La tensión para el servicio S6 es mayor que Vb / *Voltage for S6 duty is bigger than Vb*

Datos Técnicos sujetos a modificaciones sin previo aviso / *Technical Data are subjet to changes without prior notice*

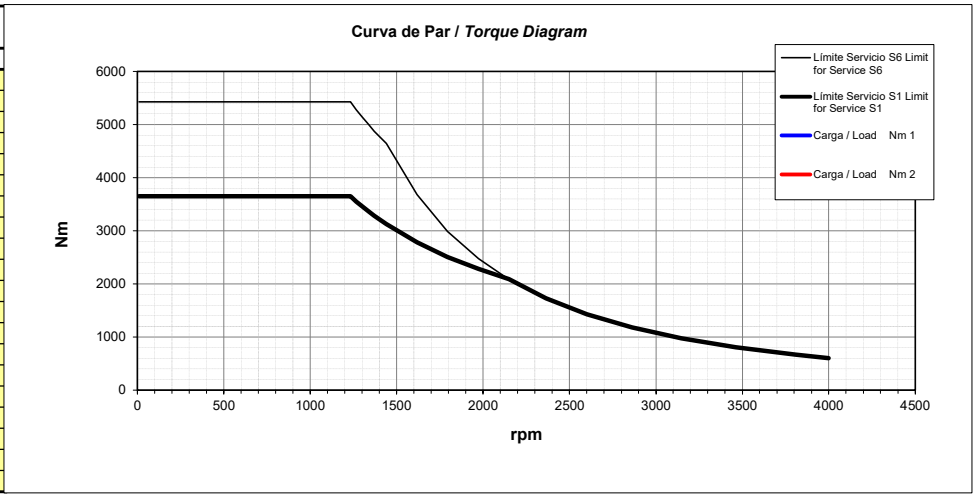
| Elabora: | Revisa: | Aprueba: |
|---|---|---|
| | | |

| VASCAT | **MOTOR MAC QT 315 S**<br>- Hoja de Curvas Características en Modo Generador-<br>*- Absorbing Mode Power and Torque Diagrams -* | Página 2/2<br>Fecha 17/12/2021 |
|---|---|---|

| Tensión de Base del Motor<br>*Motor Base Voltage* | Vb ± 5% | **400 V** | Tensión Máxima de Salida del Convertidor<br>*Inverter max. Output Voltage* | Vc | **400 V** |
|---|---|---|---|---|---|

| | Servicio / Service S1 | | | | | | Servicio / Service S6 - 40% | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bobinado *Winding* | Nm | A ± 2% | KW abs. | rpm | Hz | Velocidad a Pot.Cte *Const. Power Speed.* (rpm) | Nm | A ± 5% | KW abs. | rpm | Hz | Velocidad a Pot.Cte *Const. Power Speed.* (rpm) | Corriente en vacio *No Load Current* (A) |
| **c62** | 3650 | 803 | 471 | 1232 | 61.0 | 2150 | 5426 | 1147 | 700 | 1232 | 60.7 | 1440 | 299 |

| Carga / Load | | |
|---|---|---|
| **rpm** | **Nm 1** | **Nm 2** |
| | | |




| Carga / Load | | |
|---|---|---|
| **rpm** | **KW 1** | **KW 2** |
| | | |

