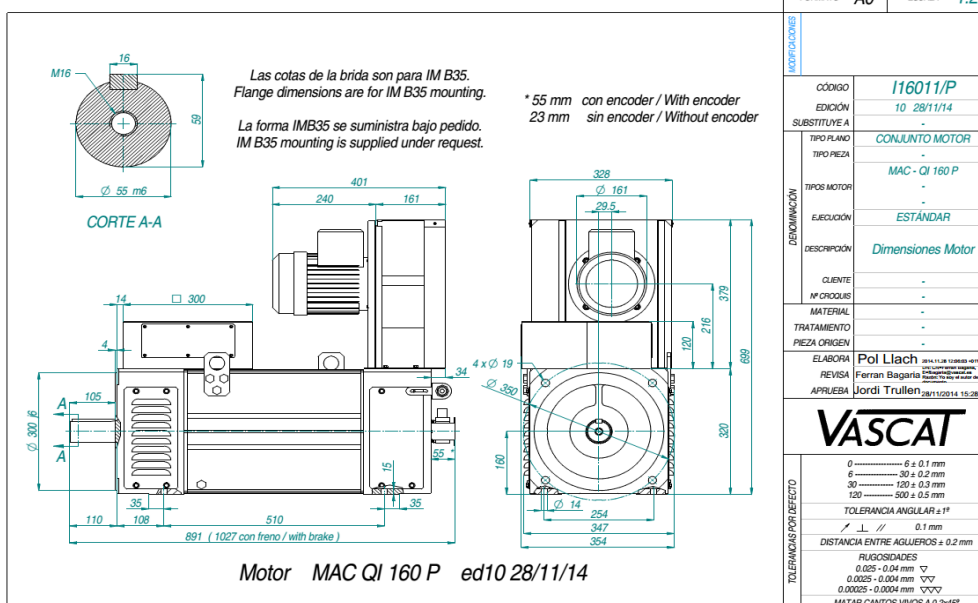


Ventilador / Fan			Rodamientos Bearings		Delantero Drive End		6312 ZZ C3		Trasero Non Drive End		6310 ZZ C3																							
Tensión / Voltage	230/400 V	460 V	Momento de inercia Rotor Inertia					J = 0,389 Kg m ²		Peso Motor Motor Weight			325 Kg																					
Frec. / Frequency	50 Hz	60 Hz	Protección Protection Degree					IP 23		Construcción Mounting				IM B3 / B35		Refrigeración Cooling		IC06																
Potencia / Power	0,75 KW	0,86 KW	Velocidad / Speed					2850 rpm		3350 rpm		Nivel de ruido Noise Level					< 80 dB		Velocidad máxima mecánica Max. Mechanical Speed				5000 rpm											
Caudal / Air flow	1200 m3/h		Presión / Pressure					800 Pa		Equilibrado grado Balancing degree					A		Aislamiento Clase Insulation Class				F		Protección Térmica Thermal Protection				PTC 140 °C		Ambiente Ambient		< 40 °C		< 1000 m	
Freno de Bloqueo (opcional) Holding Brake (optional)			300 Nm					24 Vdc					2.5 A					60 W					18 Kg					J = 0.0017 Kg m ²						
Tensión de Base del Motor Motor Base Voltage			Vb					400 V					Tensión Máxima de Salida del Convertidor Inverter max. Output Voltage					Vc					400 V											

Servicio / Service S1							Servicio / Service S6 - 40%						
Bobinado Winding	Nm	A	KW	rpm	Hz	Velocidad a Pot.Cte Const. Power Speed. (rpm)	Nm	A	KW	rpm	Hz	Velocidad a Pot.Cte Const. Power Speed. (rpm)	Corriente en vacío No Load Current (A)
A41	570	57	30.6	513	18	1480	848	82	45.5	513	18	1090	20
B41	570	75	41.4	693	24	2000	848	108	61.5	693	24	1470	27
C41	570	87	48.6	814	28	2360	848	125	72.2	814	28	1730	31
D41	570	105	59.3	993	34	2870	848	150	88.1	993	34	2110	38
E41	570	116	66.4	1113	38	3220	848	167	98.8	1113	38	2370	41
F41	570	131	75.4	1263	43	3660	848	188	112.2	1263	43	2690	46
G41	570	149	86.1	1443	49	4180	848	214	128.1	1443	49	3080	54
H41	570	174	100.5	1684	57	4880	847	249	149.4	1684	57	3590	65
I41	570	209	121.9	2043	69	5000	848	300	181.3	2043	69	4350	75
F42	550	219	128.1	2224	75	5000	818	314	190.4	2224	75	4730	80
G42	530	243	141.8	2555	86	5000	788	347	210.6	2555	86	5000	92
H42	510	275	158.9	2976	100	5000	757	389	235.7	2976	100	5000	110

Otras velocidades disponibles bajo consulta a nuestra O.T. / Other speeds available on request



Datos Técnicos sujetos a modificaciones sin previo aviso / Technical data are subject to changes without prior notice

Elabora:	Revisa:	Aprueba:
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	Servicio / Service S1						Servicio / Service S6 - 40%						
Bobinado Winding	Nm	A	KW	rpm	Hz	Velocidad a Pot.Cte Const. Power Speed. (rpm)	Nm	A	KW	rpm	Hz	Velocidad a Pot.Cte Const. Power Speed. (rpm)	Corriente en vacío No Load Current (A)
D41	570	105	59.3	993	34	2870	848	150	88.1	993	34	2110	38

Curva de Par / Torque Diagram

The diagram is a line graph with 'rpm' on the x-axis (0 to 4500) and 'Par / Torque (Nm)' on the y-axis (0 to 900). It features four data series: 'Límite Servicio S6 Limit for Service S6' (thin black line), 'Límite Servicio S1 Limit for Service S1' (thick black line), 'Carga / Load Nm 1' (blue line), and 'Carga / Load Nm 2' (red line). Both limit curves are constant at low rpm and then decrease. The S6 limit starts at ~850 Nm and the S1 limit at ~570 Nm, both dropping at 1000 rpm. The load curves (Nm 1 and Nm 2) are not visible, likely overlapping the S1 limit curve.

rpm	Límite Servicio S6 Limit for Service S6 (Nm)	Límite Servicio S1 Limit for Service S1 (Nm)	Carga / Load Nm 1 (Nm)	Carga / Load Nm 2 (Nm)
0	850	570	570	570
1000	850	570	570	570
1500	600	380	380	380
2000	450	280	280	280
2500	300	220	220	220
3000	200	160	160	160
3500	120	110	110	110
4000	80	80	80	80

The diagram is a line graph titled "Curva de Potencia / Power Diagram". The vertical axis is labeled "Potencia / Power (kW)" and ranges from 0 to 100 in increments of 10. The horizontal axis is labeled "rpm" and ranges from 0 to 4500 in increments of 500. There are four data series plotted:

- Límite Servicio S6 Limit for Service S6:** A thin black line that starts at (0,0), rises linearly to (1000, 88), remains constant at 88 kW until 2100 rpm, and then decreases linearly to approximately 40 kW at 3800 rpm.
- Límite Servicio S1 Limit for Service S1:** A thick black line that starts at (0,0), rises linearly to (1000, 60), remains constant at 60 kW until 2900 rpm, and then decreases linearly to approximately 40 kW at 3800 rpm.
- Carga / Load KW 1:** A blue line that follows the S6 limit curve closely, starting at (0,0), rising to (1000, 88), staying constant until 2100 rpm, and then decreasing.
- Carga / Load KW 2:** A red line that follows the S1 limit curve closely, starting at (0,0), rising to (1000, 60), staying constant until 2900 rpm, and then decreasing.

The graph shows that the power limits for Service S6 are higher than for Service S1, and both services have a maximum power requirement between 1000 and 2100 rpm for S6 and 1000 and 2900 rpm for S1. The load curves for KW 1 and KW 2 are very close to their respective service limits.