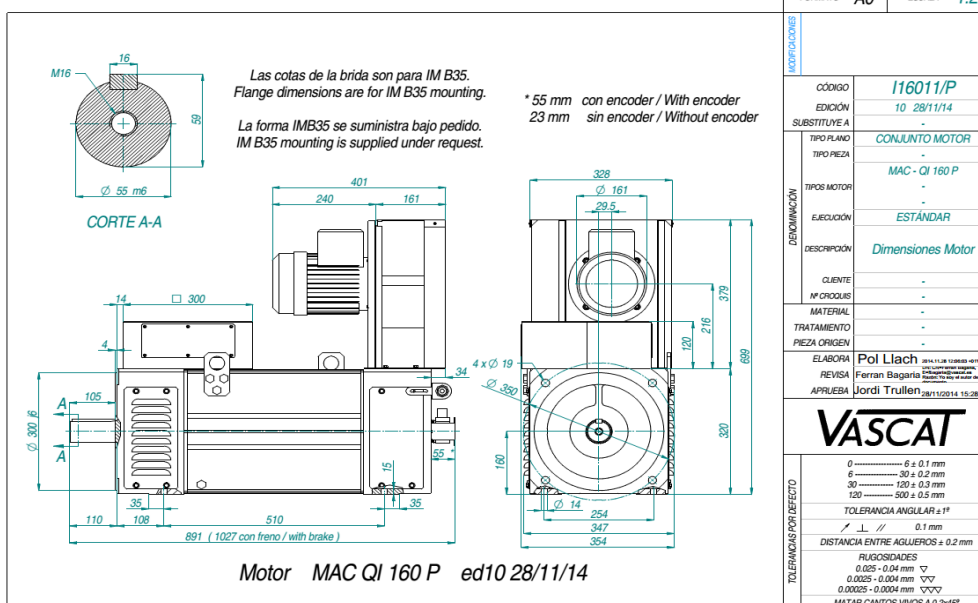


Ventilador / Fan			Rodamientos <i>Bearings</i>		Delantero <i>Drive End</i>	6312 ZZ C3	Trasero <i>Non Drive End</i>	6310 ZZ C3	
Tensión / <i>Voltage</i>	230/400 V	460 V	Momento de inercia <i>Rotor Inertia</i>			J = 0,389 Kg m ²	Peso Motor <i>Motor Weight</i>	325 Kg	
Frec. / <i>Frequency</i>	50 Hz	60 Hz	Protección <i>Protection Degree</i>			IP 23	Construcción <i>Mounting</i>	IM B3 / B35	
Potencia / <i>Power</i>	0,75 KW	0,86 KW	Refrigeración <i>Cooling</i>			IC06			
Velocidad / <i>Speed</i>	2850 rpm	3350 rpm	Nivel de ruido <i>Noise Level</i>			< 80 dB	Velocidad máxima mecánica <i>Max. Mechanical Speed</i>		
Caudal / <i>Air flow</i>	1200 m3/h					5000 rpm			
Presión / <i>Pressure</i>	800 Pa								
Equilibrado grado <i>Balancing degree</i>	A	Aislamiento Clase <i>Insulation Class</i>	F	Protección Térmica <i>Thermal Protection</i>			PTC 140 °C	Ambiente <i>Ambient</i>	
						< 40 °C < 1000 m			
Freno de Bloqueo (opcional) <i>Holding Brake (optional)</i>			300 Nm	24 Vdc	2.5 A	60 W	18 Kg	J = 0.0017 Kg m ²	
Tensión de Base del Motor <i>Motor Base Voltage</i>			Vb	400 V	Tensión Máxima de Salida del Convertidor <i>Inverter max. Output Voltage</i>			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)
H41	570	174	100.5	1684	57	4880	847	249	149.4	1684	57	3590	65

Curva de Par / Torque Diagram

The diagram plots Torque (Nm) on the Y-axis (0 to 900) against RPM on the X-axis (0 to 6000). It shows the torque limits for two services and the load curves for two different load conditions.

- Límite Servicio S6 Limit for Service S6:** A black line that starts at 850 Nm, remains constant until approximately 1700 RPM, and then decreases to 200 Nm at 5000 RPM.
- Límite Servicio S1 Limit for Service S1:** A black line that starts at 570 Nm, remains constant until approximately 1700 RPM, and then decreases to 200 Nm at 5000 RPM.
- Carga / Load Nm 1:** A blue line representing the load curve for Nm 1.
- Carga / Load Nm 2:** A red line representing the load curve for Nm 2.

The load curves (Nm 1 and Nm 2) are not visible in the provided image, likely due to the high contrast or they being below the visible range.

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 160 in increments of 20. The horizontal axis is labeled "rpm" and ranges from 0 to 6000 in increments of 1000. There are four data series plotted:

- Límite Servicio S6 Limit for Service S6:** A black line that starts at (0,0), rises linearly to (1700, 150), remains constant at 150 kW until 3600 rpm, and then decreases linearly to approximately 105 kW at 4700 rpm.
- Límite Servicio S1 Limit for Service S1:** A thick black line that starts at (0,0), rises linearly to (1700, 100), remains constant at 100 kW until 4700 rpm, and then drops slightly to approximately 98 kW at 4700 rpm.
- Carga / Load KW 1:** A blue line that follows the S1 limit closely, starting at (0,0), rising to (1700, 100), and remaining constant at 100 kW until 4700 rpm.
- Carga / Load KW 2:** A red line that follows the S1 limit closely, starting at (0,0), rising to (1700, 100), and remaining constant at 100 kW until 4700 rpm.

The graph shows that the power limits for both services are reached at 1700 rpm. Service S6 has a higher power limit (150 kW) than Service S1 (100 kW). The load curves for KW 1 and KW 2 are very similar, both peaking at 100 kW between 1700 and 4700 rpm.