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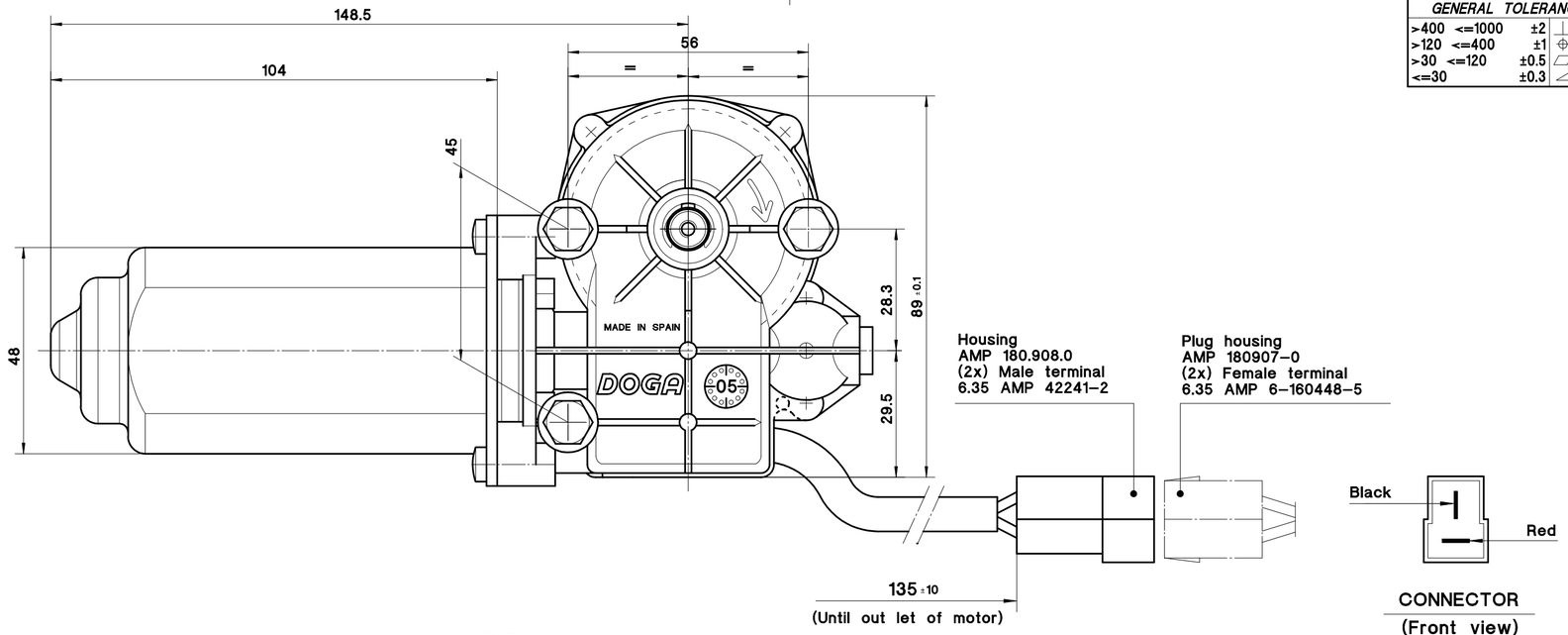
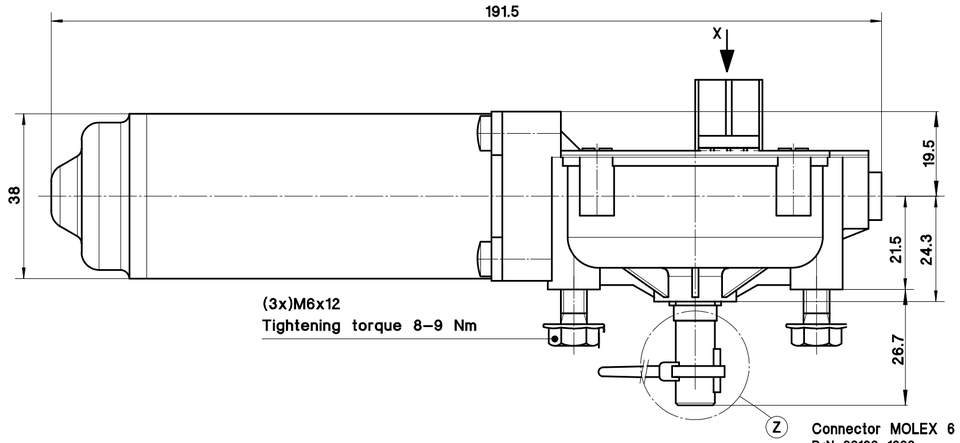
TOLERANCIAS GENERALES *GENERAL TOLERANCES*			
>400 <=1000	±2	⊥	0.2
>120 <=400	±1	⌖	0.1
>30 <=120	±0.5	▱	0.2
<=30	±0.3	∠	±2°

CLIENTE *CUSTOMER*	–
REF. CLIENTE *CUSTOMER REF.*	–
VEHÍCULO *VEHICLE*	–

MODIFICACIÓN *MODIFICATION*		COORD.
a	Removed M4 drill in the end shaft	E5

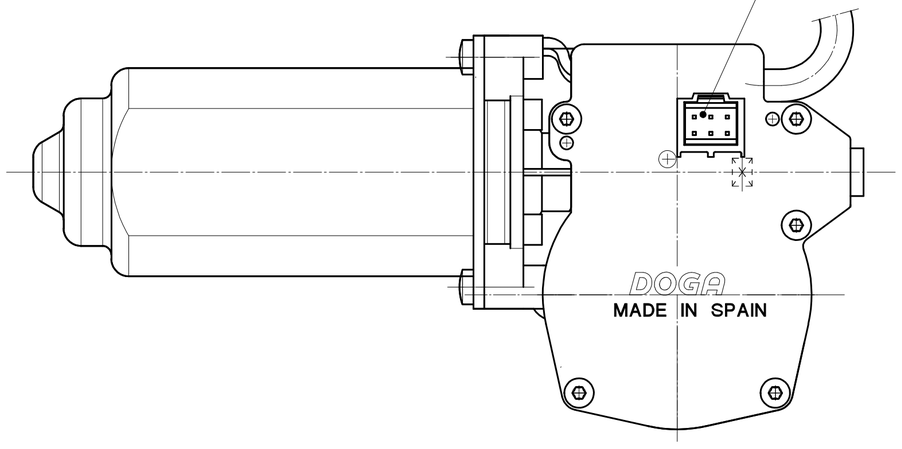


CONNECTOR
(Front view)

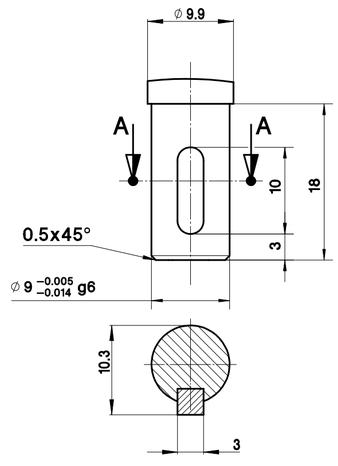


Connector MOLEX 6 ways
P/N 90130-1206

Informative:
Female connector p/n 90142-0006
Female terminal p/n 90119-2110



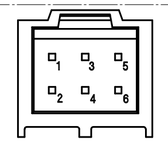
Detail Z



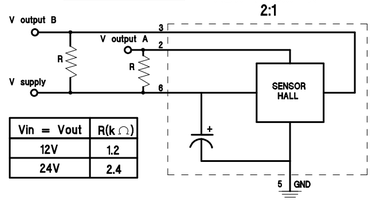
Section A-B

ELECTRICAL SCHEMATIC SENSOR HALL

PIN	FUNCTION
1	–
2	OUT A
3	OUT B
4	–
5	GND
6	VCC_HALL

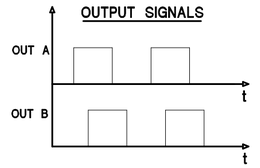


VIEW FROM "X"
2:1



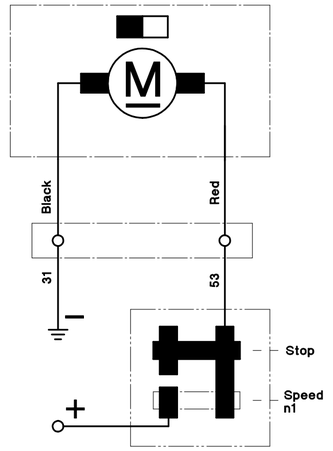
Vin = Vout	R(kΩ)
12V	1.2
24V	2.4

OUTPUT SIGNALS



TECHNICAL SPECIFICATIONS	
Pulses/rev (output shaft)	310
Pulses/rev (armature)	5
Output signal	2
Absolute max. voltage (V)	30
Output type	Open collector
Voltage supply (V)	3.3-24
Output current (mA)	15

WIRING DIAGRAM



Red	Black	Sense of rotation (view from A)
+	–	
–	+	

TERMINAL (DIN 72552)	COLOUR	ELECTRICAL WIPER FUNCTION
53	Red	Positive Speed 1ª feed switch
31	Black	Negative, earth.

MOTOR PERFORMACE TYPE 317					
NO LOAD PERFORMANCE				Starting torque	Testing voltage
Speed	V	Current	r.p.m.		
n1	12	≤ 1.4 A	35 ±3	≥ 12 Nm	13 V
n1	24	≤ 0.8 A	35 ±3		26 V

MOTOR P/N	V
317-9706-20-00	12V
317-9706-30-00	24V

DIBUJADO: *DRAWN*	S.Felguera	20-04-12		
COMPROBADO: *CHECKED*	J.Troyano	04-02-16	Released	
APROBADO: *APROVED*	H.Baudach			

MATERIAL – PESO NETO *NET WEIGHT* – g

TRATAMIENTO / ACABADO *TREATMENT / FINISH* –

DOGA
LIMPIAPARABRISAS - COMPONENTES DE AUTOMOCIÓN
WINDSHIELD WIPERS - AUTOMOTIVE COMPONENTS
ME10

SUSTITUYE A: *REPLACES:* –
SUSTITUIDO POR: *REPLACED BY:* –

PCL

REFERENCIA *PART Nr.* 317-9706-_0-00 MOD a

DENOMINACIÓN *PART NAME* –
ROTATIVE 317 MOTOR

ESCALA *SCALE* 1:1

ARCHIVO *DATA FILE* 317-9706-_0-00-a

TAMAÑO *D. SIZE* A2

HOJA *SHEET* 1 DE *OF* 1