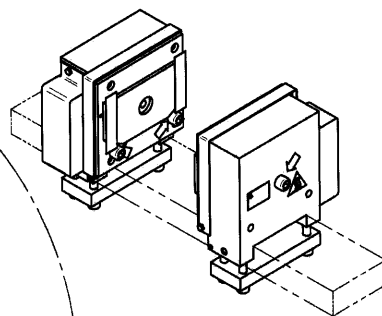
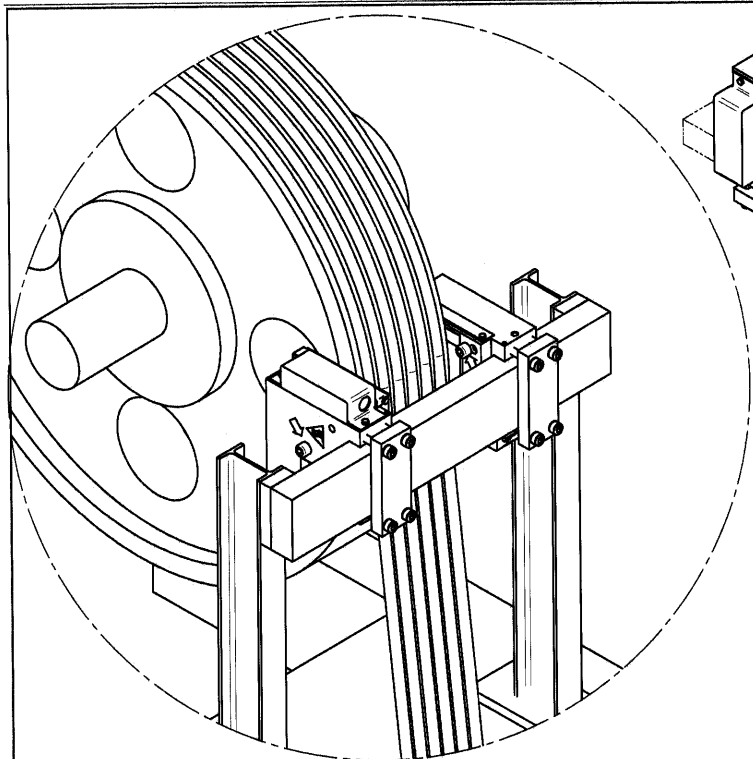




SHEAVE GRIP
 Warner Electric Europe
 7, Rue de champfleu ZI
 49124 St Barthelemy d'Anjou France

ERS VAR14-01-S FT= N (Magnet A+B)
 PN : 1 12 1068 ABV 758 / TUV0036

Maximum rated speed : 5 m/s
 Rated braking force : N (Magnet A+B)
 No oil, grease, water or abrasive dust on the frictions faces

MAGNET A
 Warner Electric Europe 103/52Vdc 232/58W 60%ED

Marquage à la frappe

SHEAVE GRIP
 Date + serial number
 PN : 1 12 1068

MAGNET B
 Warner Electric Europe 103/52Vdc 232/58W 60%ED

Les cotes sans indication de tolérances sont des cotes nominales.
 Untoleranced dimensions are nominal dimensions.

NOTES

- 1- TUV certification ABV758 according drawing 1 12 106839
- 2- For every installation and before the choice of the brake, the customer must :
 - Check that the performances of the brake are suitable for the application (see catalog).
 - Check the installation instructions (see service manual SM370).
 - Design a mount to link the brake to the motor or the motor bed.
- 3- Unit supplied in kit, assembly made by the customer.
- 4- These screws are for transportation only. They have to be removed by customer when fitting the brake.
- 5- Customer friction face :
 Steel (150 to 250 HV) or Cast iron.
 The frictions faces must be free of oil, grease and abrasive dust.
 Roughness : 3.2
- 6- Connection rail (minimal characteristics)
 Cold drawn steel S235JRC (EN 10027-2)
 Section : 100h11 x 40h11
 Paint protection
 minimum fixation : 4 M12 screws
 Qual.12.9 setting torque 76N.m
- 7- Dowel pins after fitting and adjustment of the brake the customer must fit dowel pins to connect the brake and the connection rail.

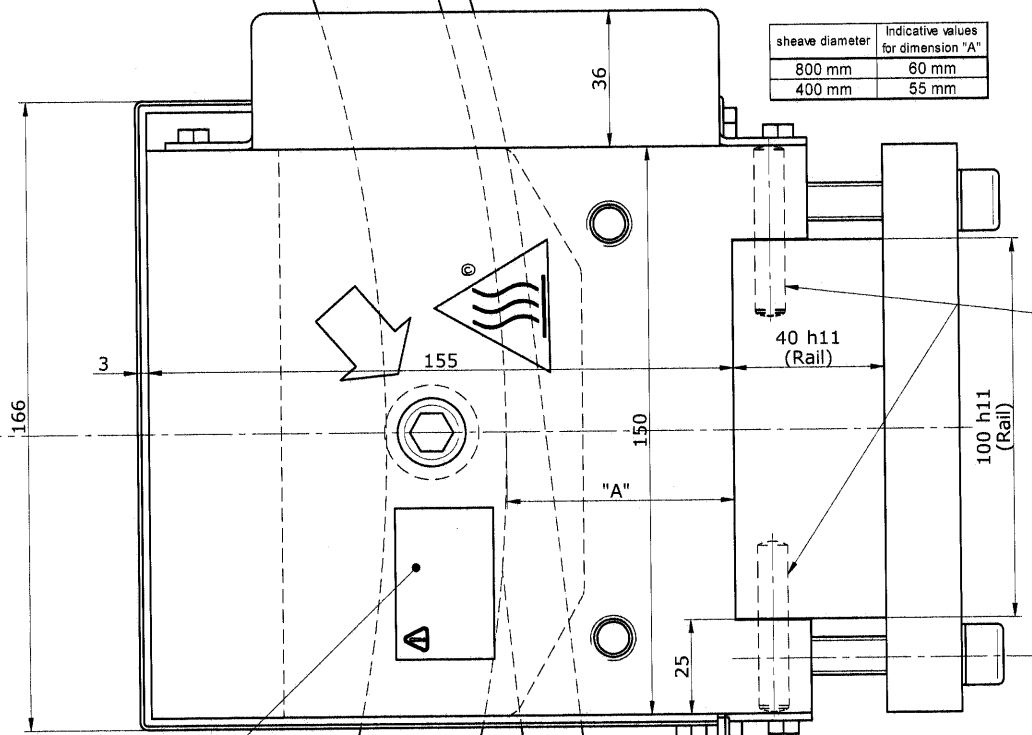
Friction face / sheave axis 0.1
 0.1

Sheave outer diameter

Friction face width
 30mm minimum

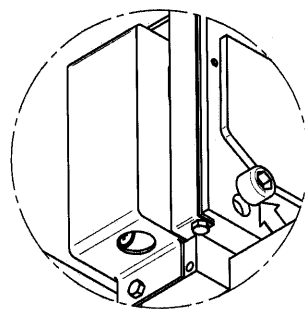
Customer friction face need to be centered to the brake friction material.
 Note 5

sheave diameter	indicative values for dimension "A"
800 mm	60 mm
400 mm	55 mm



These screws (red head) must be removed after unit fitting up.
 Die rot markierten Schrauben müssen vor Inbetriebnahme der Bremse entfernt werden

Customer must avoid any contact between the brake and devices able to damage it or prevent the brake's operation.



SHEAVE GRIP

TECHNICAL DATA SHEET	ERS VAR14-01-S FT=5000N 1 12 106842	ERS VAR14-01-S FT=4000N 1 12 106843	ERS VAR14-01-S FT=3000N 1 12 106844
Dynamic Braking force (Magnet A+B)	5000	4000	3000
OPTION : Electric connection on the CBC140-5 power supply / Serial connection of the 2 magnets / PN. 2 12 095515			
Nominal voltage	+5%/-10%	230 VAC	
Nominal current holding		2.2 Amp	
Overexcitation (1.5 sec.)		4.4 Amp	
Power 20°C holding		116 W	
Overexcitation (1.5 sec.)		464 W	
OPTION : Electric connection on the CBC140-5 power supply / parallel connection of the 2 magnets / PN. 2 12 095516			
Nominal voltage	+5%/-10%	115 VAC	
Nominal current holding		2.2 Amp	
Overexcitation (1.5 sec.)		4.4 Amp	
Power 20°C holding		116 W	
Overexcitation (1.5 sec.)		464 W	
Electric connection directly on the magnets			
Voltage holding	+5%/-10%	52 Vdc	
Overexcitation (1.5 sec.)		103.5 Vdc	
Nominal current holding		1.1 Amp	
Overexcitation (1.5 sec.)		2.2 Amp	
Power 20°C holding		58 W	
Overexcitation (1.5 sec.)		232 W	
ED		60%	
Mass		31kg (without connection rail)	
Airgap		0.4 mm	
Airgap max		0.8 mm	
Temperature range (ambient)		-25 to 40°C	
Protection class electric		IP54	
Protection class mechanic		IP00	
Magnet insulation		Class F 155°C	
Maximum speed		5 m/s (outer diameter of the sheave)	
Switch data:			
Switch voltage		24 Vdc	
Switch current		10 to 100 mA	

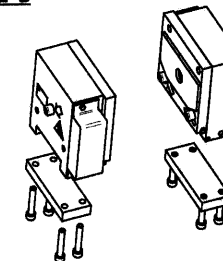
CONNECTION RAIL (Note 6) (OPTIONNAL PART)

Connection rail length : 600mm 3 12 028953
 Connection rail length : 800mm

CONDUIT BOX WITH OEX POWER SUPPLY (OPTIONNAL PART)

serial connection 2 12 095515
 parallel connection 2 12 095516

BRAKE ERS VAR14-01-S



ERS VAR14-01 PICKING LIST	
Designation	PN
Brake	
ERS VAR14-01-S FT=5000N	1 12 106842
ERS VAR14-01-S FT=4000N	1 12 106843
ERS VAR14-01-S FT=3000N	1 12 106844

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