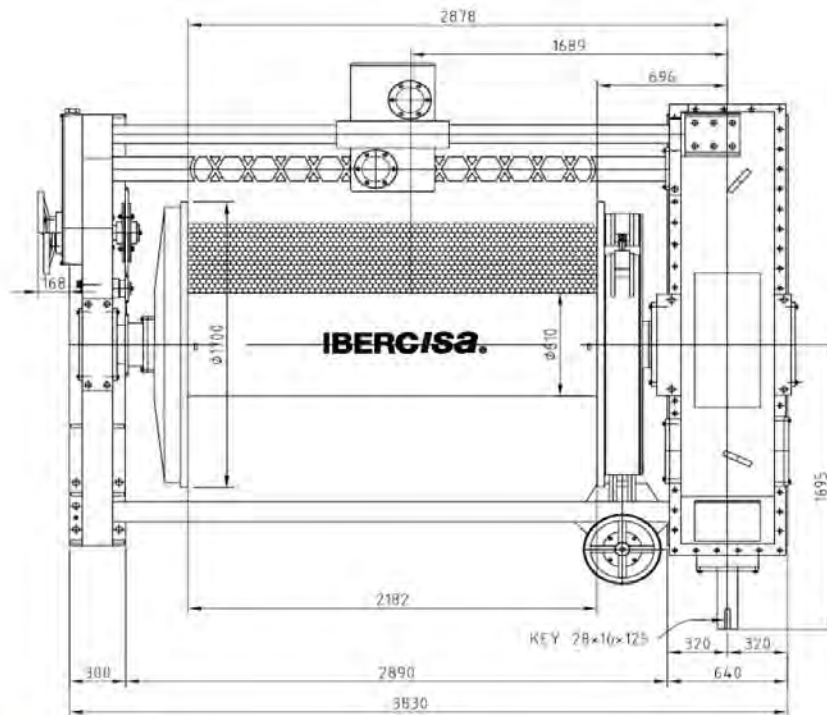


OV	16933-0890	DATASHEET MAI-E/600/3200-32/IS	IBERCISA.
NPI	120161		
Dwg	20110890		

trawl winch
qty = 2



1.: Winch data

Empty weight	W_e	14.500 Kg	Operation weight	W_o	26.565 Kg
Drum diameter	D	610 mm	Power	P	355 kW
Flange diameter	D_a	1.700 mm	Motor speed	n	720 min ⁻¹
Distance between flanges	L_a	2.182 mm	Gear ratio	i	27,90
Ratio D/d	D/d	19,1	Efficiency	η	0,89
Ratio D_a/D	D_a/D	2,8	Spindle pitch	p_h	128 mm
Cable diameter	d	32 mm	Coils/layer	n_e	67
Cable capacity	L_c	3.200 m	Coils on last layer	n_e'	62

RA₁
RA₁

Cable breaking load	CBL	50,4 tons	Cable weight	W_c	9.885 Kg
6x36+7x7+0 W Seale		494 kN	Cable weight (seawater)	W_{CSW}	8.626 Kg

2.: Performances

layer	Nominal		Nominal & overspeed		Overload 40%		Overload & overspeed	
	pull tons	speed m/min	pull tons	speed m/min	pull tons	speed m/min	pull tons	speed m/min
1	37,14	52,05	20,63	93,69	52,00	52,05	28,89	93,69
9	22,02	87,78	12,23	158,00	30,83	87,78	17,13	158,00
15	16,87	114,58	9,37	206,24	23,62	114,58	13,12	206,24

avg	83,16	149,69	83,16	149,69
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Nota.: dwg changed from 20110753 to 2011890.

Revised	A ₁	.	.	.	Doc n° IB-FT- 16933-0890 page 1 of 5
Date	20-07-12	.	.	.	
Calculated	AAP	.	.	.	
Approved	AAP	.	.	.	

