

## 58A – POWER AND INTENSITY OF CURRENT

### 1. DEFINITION

#### 1. 1. NOMINAL POWER

This is the sum of the nominal powers (operating powers consumed simultaneously by the three movements) of:

- ☐ hoisting winch
- ☐ trolley winch
- ☐ slewing mechanism

#### 1. 2. STARTING POWER

This is the sum of the powers consumed temporarily by these same three movements under the following conditions:

- ☐ starting power of the mechanism with the highest current consumption (in general: the hoisting winch)
- ☐ nominal power of the two other mechanisms

#### 1. 3. NOMINAL CURRENT INTENSITY

Results from the nominal power.

#### 1. 4. STARTING CURRENT INTENSITY

Results from the starting power.



### **TECHNICAL CHARACTERISTICS / Technical data**

Model	Type of winch	Nominal power in kVA	Starting power in kVA	Nominal inten- sity at A	Starting cur- rent at A
<b>MD 485</b>	<b>166LBR</b>	<b>180</b>	<b>335</b>	<b>216</b>	<b>402</b>

<b>MD 485 (50Hz)</b>	<b>150LCC</b>	<b>183</b>	<b>228</b>	<b>264</b>	<b>329</b>
<b>MD 485 (60Hz)</b>	<b>150LCC</b>	<b>213</b>	<b>267</b>	<b>256</b>	<b>321</b>
<b>MD 485 (60Hz)</b>	<b>90/110LBR</b>	<b>144</b>	<b>236</b>	<b>174</b>	<b>283</b>

<b>MD 485B (60Hz)</b>	<b>90/110LBR</b>	<b>144</b>	<b>236</b>	<b>174</b>	<b>283</b>
	<b>140/165LBR</b>	<b>188</b>	<b>313</b>	<b>228</b>	<b>376</b>
	<b>150LCC</b>	<b>213</b>	<b>267</b>	<b>258</b>	<b>321</b>
	<b>100LVF</b>	<b>133</b>	<b>158</b>	<b>160</b>	<b>190</b>

<b>MD 485B (50Hz)</b>	<b>100LVF</b>	<b>133</b>	<b>158</b>	<b>195</b>	<b>228</b>
	<b>150LCC</b>	<b>183</b>	<b>228</b>	<b>267</b>	<b>329</b>