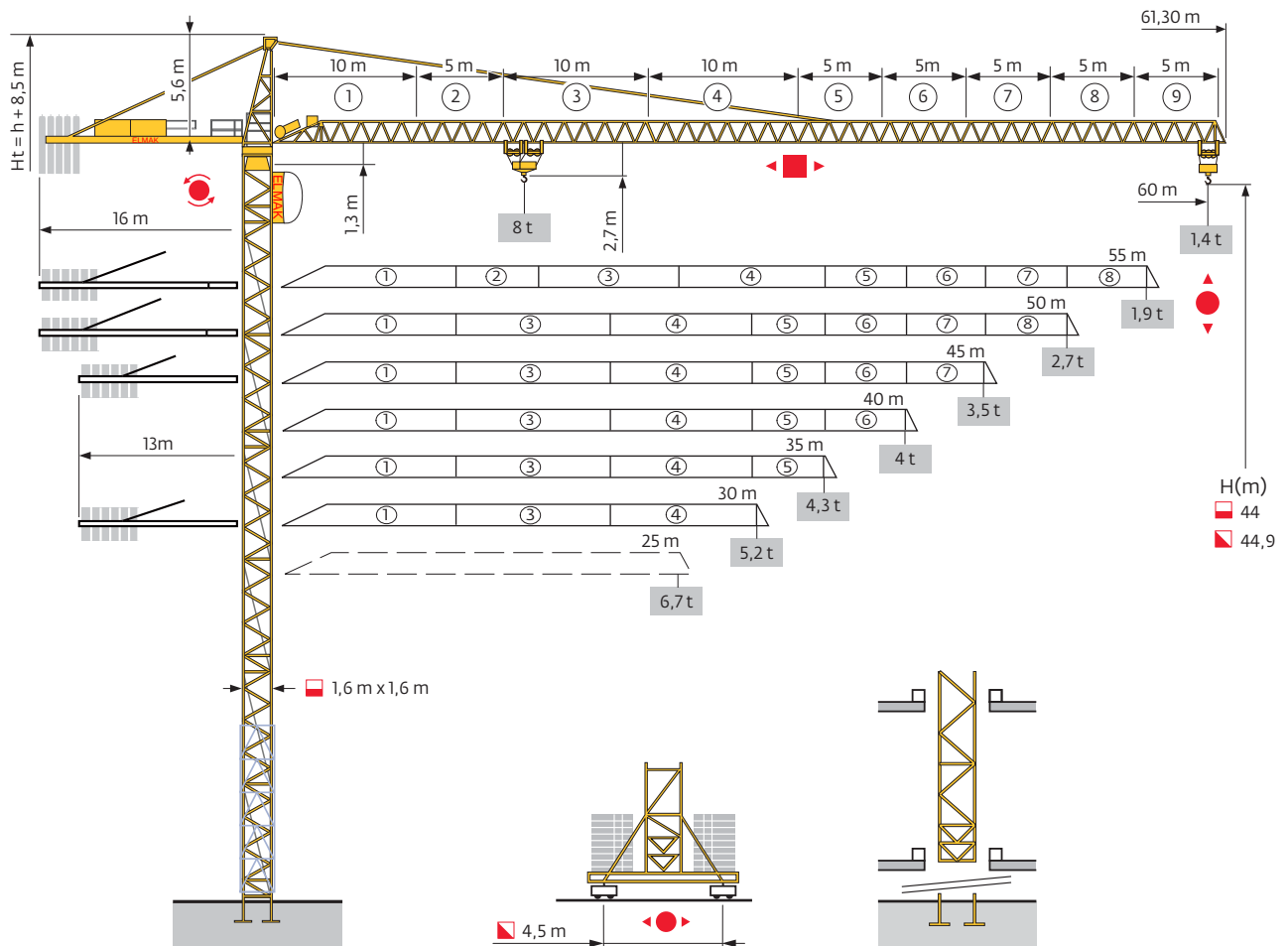
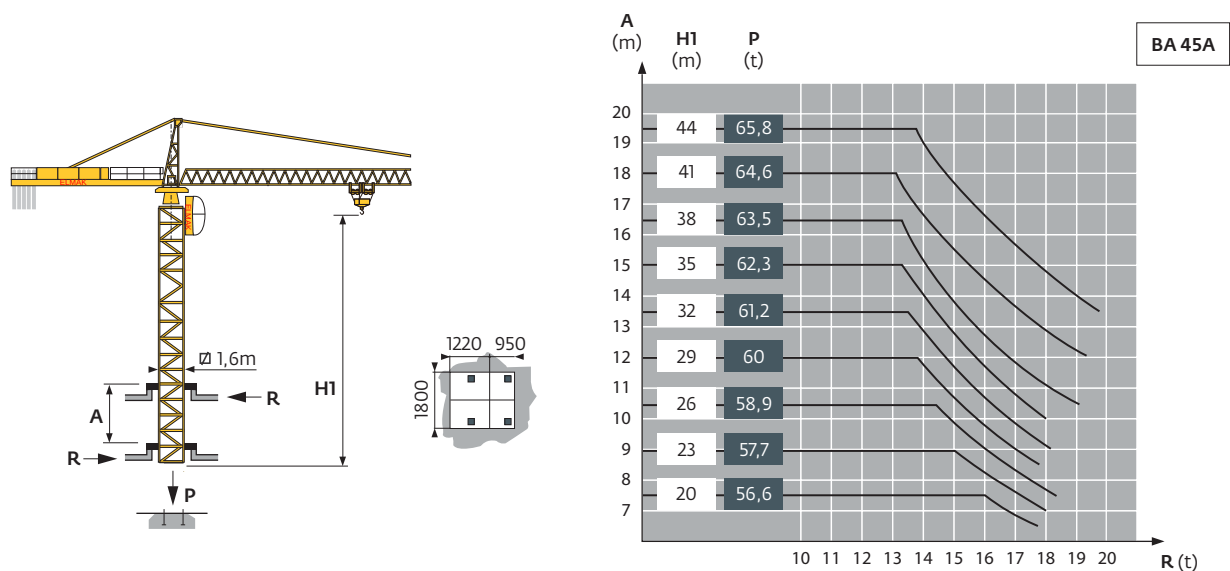




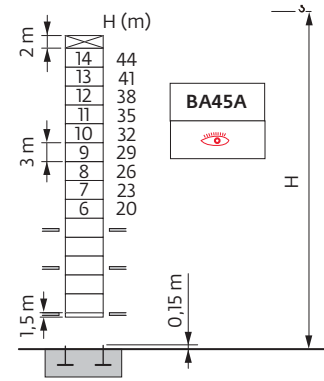
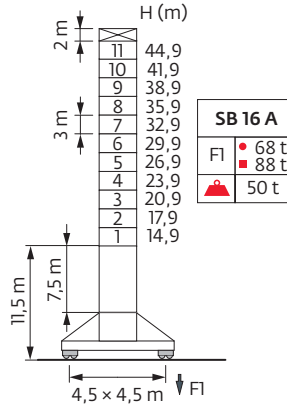
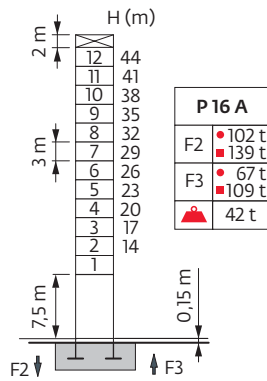
**Climbing Crane** / Télescopage sur dalles / Telescopage grua trepadora / Кран, ползущий внутри здания



## Mast - Reactions / Mât - Réactions / Mástil - Reacciones / Реакция опор мачты

1,6 m

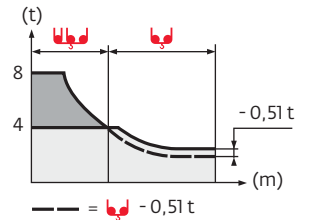
30 m → 60 m



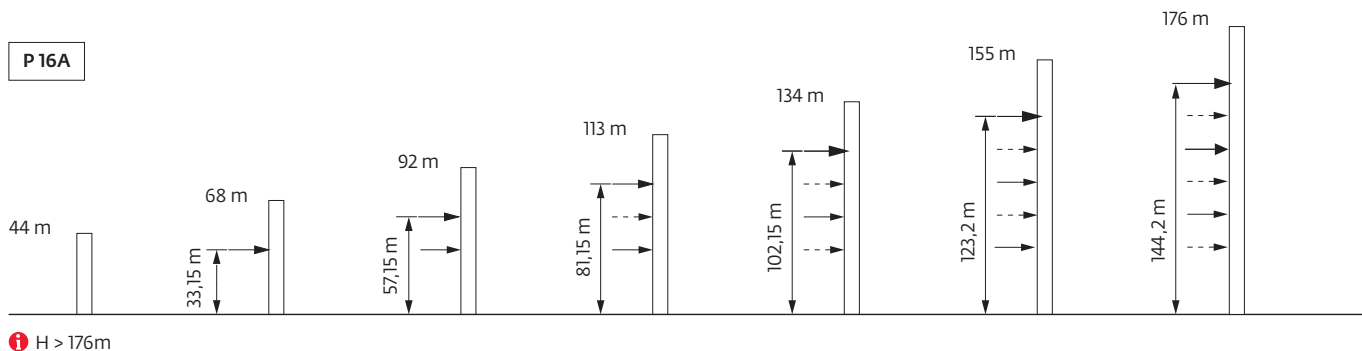
## Load curves / Courbes de charges / Curvas de cargas / Кривые нагрузок



|      |     |   |      |      |      |      |     |     |      |      |     |     |      |      |     |      |      |      |      |      |     |     |     |   |
|------|-----|---|------|------|------|------|-----|-----|------|------|-----|-----|------|------|-----|------|------|------|------|------|-----|-----|-----|---|
| 60 m | 3,1 | ▶ | 13,6 | 15   | 17   | 20   | 22  | 24  | 26,1 | 27   | 30  | 32  | 35   | 37   | 40  | 42   | 45   | 47   | 50   | 52   | 55  | 57  | 60  | m |
| ▼▼▼  |     |   | 8    | 7,2  | 6,1  | 5    | 4,5 | 4   | 4    | 3,9  | 3,4 | 3,1 | 2,8  | 2,6  | 2,4 | 2,25 | 2,1  | 1,95 | 1,8  | 1,7  | 1,6 | 1,5 | 1,4 | t |
| 55 m | 3,1 | ▶ |      | 15,6 | 17   | 20   | 22  | 25  | 27,5 | 29,9 | 31  | 32  | 35   | 37   | 40  | 42   | 45   | 47   | 50   | 52   | 55  |     |     | m |
| ▼▼▼  |     |   |      | 8    | 7,2  | 5,9  | 5,3 | 4,5 | 4    | 4    | 3,8 | 3,7 | 3,3  | 3,1  | 2,8 | 2,7  | 2,45 | 2,3  | 2,15 | 2,05 | 1,9 |     |     | t |
| 50 m | 3,1 | ▶ |      |      | 18,6 | 20   | 22  | 25  | 27   | 30   | 32  | 33  | 36   | 37   | 40  | 42   | 45   | 47   | 50   |      |     |     |     | m |
| ▼▼▼  |     |   |      |      | 8    | 7,4  | 6,6 | 5,6 | 5,1  | 4,5  | 4,2 | 4   | 4    | 3,9  | 3,5 | 3,3  | 3,1  | 2,9  | 2,7  |      |     |     |     | t |
| 45 m | 3,1 | ▶ |      |      |      | 20,8 | 22  | 25  | 27   | 30   | 32  | 35  | 36,8 | 40,1 | 42  | 45   |      |      |      |      |     |     |     | m |
| ▼▼▼  |     |   |      |      |      | 8    | 7,5 | 6,4 | 6    | 5,2  | 4,8 | 4,3 | 4    | 4    | 3,8 | 3,5  |      |      |      |      |     |     |     | t |
| 40 m | 3,1 | ▶ |      |      |      | 20,8 | 22  | 25  | 27   | 30   | 32  | 35  | 36,8 | 40   |     |      |      |      |      |      |     |     |     | m |
| ▼▼▼  |     |   |      |      |      | 8    | 7,5 | 6,4 | 6    | 5,2  | 4,8 | 4,3 | 4    | 4    |     |      |      |      |      |      |     |     |     | t |
| 35 m | 3,1 | ▶ |      |      |      | 20,8 | 22  | 25  | 27   | 30   | 32  | 35  |      |      |     |      |      |      |      |      |     |     |     | m |
| ▼▼▼  |     |   |      |      |      | 8    | 7,5 | 6,4 | 6    | 5,2  | 4,8 | 4,3 |      |      |     |      |      |      |      |      |     |     |     | t |
| 30 m | 3,1 | ▶ |      |      |      | 20,8 | 22  | 25  | 27   | 30   |     |     |      |      |     |      |      |      |      |      |     |     |     | m |
| ▼▼▼  |     |   |      |      |      | 8    | 7,5 | 6,4 | 6    | 5,2  |     |     |      |      |     |      |      |      |      |      |     |     |     | t |
| 25 m | 3,1 | ▶ |      |      |      | 21,5 | 22  | 25  |      |      |     |     |      |      |     |      |      |      |      |      |     |     |     | m |
| ▼▼▼  |     |   |      |      |      | 8    | 7,8 | 6,7 |      |      |     |     |      |      |     |      |      |      |      |      |     |     |     | t |



## Anchorage / Ancrages / Anclajes / Анкера



**H > 176m**

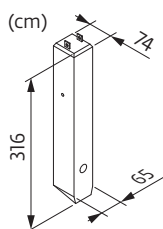
## Base ballast / Lest de base / Lastre de base / Базовый Балласт

| 1,6 m | SB 16A | H (m) | 44,9 | 41,9 | 38,9 | 35,9 | 32,9 | 29,9 | 26,9 | 23,9 | 20,9 | 17,9 | 14,9 |
|-------|--------|-------|------|------|------|------|------|------|------|------|------|------|------|
|       |        | (t)   | 72   | 60   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   |

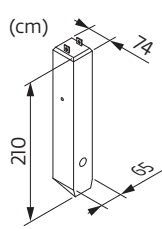
## Counter-jib ballast / Lest de contre-flèche / Lastre de contra-flecha / Противовес стрелы

|      | 3450 kg | 2250 kg | (kg)   |
|------|---------|---------|--------|
| 60 m | 4       | 2       | 18 300 |
| 55 m | 3       | 3       | 17 100 |
| 50 m | 3       | 2       | 14 850 |
| 45 m | 5       | 1       | 19 500 |
| 40 m | 4       | 2       | 18 300 |
| 35 m | 3       | 3       | 17 100 |
| 30 m | 3       | 2       | 14 850 |
| 25m  | 3       | 2       | 12 600 |

**CD - 3450 kg**



**CE - 2250 kg**



# Mechanisms / Mécanismes / Mecanismos / Механизмы

| 400 V - 50 Hz                                                                     |                             |            |  |         |         |  |         |         | hp    | kW      |  |
|-----------------------------------------------------------------------------------|-----------------------------|------------|-----------------------------------------------------------------------------------|---------|---------|------------------------------------------------------------------------------------|---------|---------|-------|---------|-------------------------------------------------------------------------------------|
|  | 40PC20                      | m/min<br>t | 6<br>4                                                                            | 40<br>4 | 80<br>2 | 3<br>8                                                                             | 20<br>8 | 40<br>4 | 40    | 30      | 500 m                                                                               |
|                                                                                   | 40 LVF 20                   | m/min<br>t | 6<br>4                                                                            | 40<br>4 | 80<br>2 | 3<br>8                                                                             | 20<br>8 | 40<br>4 | 40    | 30      | 500m                                                                                |
|  | 5 D3 V4                     | m/min      | 15 - 30 - 58                                                                      |         |         |                                                                                    |         |         | 5     | 3,7     |                                                                                     |
|  | RCV 145                     | rpm        | 0 → 0,8                                                                           |         |         |                                                                                    |         |         | 2 x 6 | 2 x 4,4 |                                                                                     |
|  | SB16A<br>RT 324<br>R ≥ 10 m | m/min      | 12,5 - 25                                                                         |         |         |                                                                                    |         |         | 2 x 7 | 2 x 5,2 |                                                                                     |

|                                                                                                |                                                                                     |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  IEC 60204-32 |  |
| 400 V (+10% -10%) 50 Hz                                                                        | 50 kVA                                                                              |

| 480 V - 60 Hz                                                                       |                             |            |  |         |         |  |         |         | hp      | kW       |  |
|-------------------------------------------------------------------------------------|-----------------------------|------------|-------------------------------------------------------------------------------------|---------|---------|--------------------------------------------------------------------------------------|---------|---------|---------|----------|---------------------------------------------------------------------------------------|
|  | 40PC20                      | m/min<br>t | 6<br>4                                                                              | 40<br>4 | 80<br>2 | 3<br>8                                                                               | 20<br>8 | 40<br>4 | 48      | 36       | 500 m                                                                                 |
|                                                                                     | 40 LVF 20                   | m/min<br>t | 6<br>4                                                                              | 40<br>4 | 80<br>2 | 3<br>8                                                                               | 20<br>8 | 40<br>4 | 48      | 36       | 500m                                                                                  |
|  | 5 D3 V4                     | m/min      | 18 - 36 - 69,6                                                                      |         |         |                                                                                      |         |         | 6       | 4,4      |                                                                                       |
|  | RCV 145                     | rpm        | 0 → 0,96                                                                            |         |         |                                                                                      |         |         | 2 x 7,2 | 2 x 5,28 |                                                                                       |
|  | SB16A<br>RT 324<br>R ≥ 10 m | m/min      | 15 - 30                                                                             |         |         |                                                                                      |         |         | 2 x 8,4 | 2 x 6,2  |                                                                                       |

|                                                                                                  |                                                                                       |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  IEC 60204-32 |  |
| 480 V (+6% -10%) 60 Hz                                                                           | 60 kVA                                                                                |

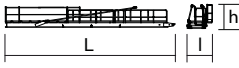
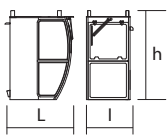
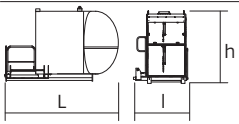
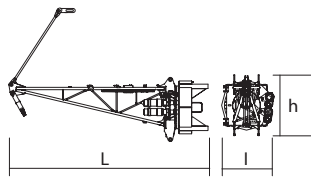
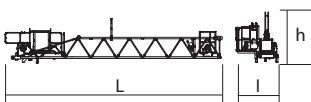
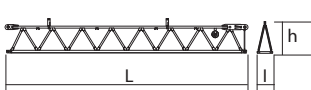
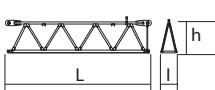
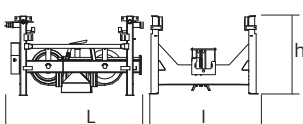
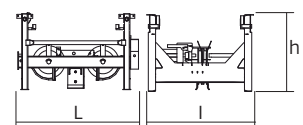
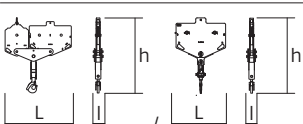
# Packing list / Liste de colisage / Lista de empaque / Товарная накладная

## Containers / Conteneurs / Contenedores / Контейнеры :

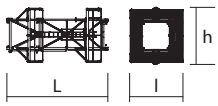
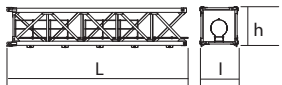
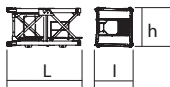
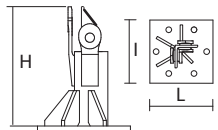
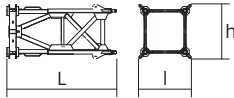
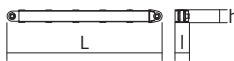
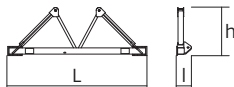
60 m 

 x 3

 x 3

| Slewing crane part / Partie tournante / Parte giratoria / Поворотная часть     |                                                                                                                                                                                                                                                                          | L (m) | I (m) | h (m) | kg<br>(+/- 5%) |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|----------------|
| <b>Counter-jib</b> / Contre-flèche /<br>Contra-flecha / Контр-стрела           |                                                                                                                                                                                         | 11,94 | 1,02  | 0,46  | 1610           |
|                                                                                |                                                                                                                                                                                         | 3,43  | 1,02  | 0,34  | 530            |
| <b>Cabine</b> / Cab / Cabina / Кабина                                          |  Smartview                                                                                                                                                                              | 1,68  | 1,18  | 2,31  | 385            |
| <b>Cabine</b> / Cab / Cabina / Кабина                                          |  V140S                                                                                                                                                                                  | 3,4   | 1,9   | 2,57  | 1130           |
| <b>Cathead</b> / Porte-flèche /<br>Porta-flecha / Оголовок                     |                                                                                                                                                                                       | 6,64  | 2,2   | 1,68  | 5530           |
| <b>Jib section</b> / Élément de flèche /<br>Elemento de flecha / Секция стрелы |  ①<br>45 RCS<br>50 LVF                                                                                                                                                                | 10,2  | 2,05  | 1,17  | 3810           |
|                                                                                |                                                                                                                                                                                                                                                                          | 10,2  | 2,05  | 1,17  | 3410           |
| <b>Jib section</b> / Élément de flèche /<br>Elemento de flecha / Секция стрелы |  ③<br>④                                                                                                                                                                               | 10,2  | 1,05  | 1,42  | 1325           |
|                                                                                |                                                                                                                                                                                                                                                                          |       |       |       |                |
| <b>Jib section</b> / Élément de flèche /<br>Elemento de flecha / Секция стрелы |  ②<br>⑤<br>⑥<br>⑦<br>⑧<br>⑨                                                                                                                                                           | 5,14  | 1,05  | 1,42  | 750            |
|                                                                                |                                                                                                                                                                                                                                                                          | 5,18  | 1,05  | 1,17  | 520            |
|                                                                                |                                                                                                                                                                                                                                                                          | 5,18  | 1,05  | 1,17  | 395            |
|                                                                                |                                                                                                                                                                                                                                                                          | 5,18  | 1,05  | 1,17  | 315            |
|                                                                                |                                                                                                                                                                                                                                                                          | 5,18  | 1,05  | 1,17  | 260            |
|                                                                                |                                                                                                                                                                                                                                                                          | 5,18  | 1,05  | 1,17  | 260            |
| <b>Trolley</b> / Chariot /<br>Carrello / Тележка                               |   8 t<br> 4 t | 1,42  | 1,3   | 0,96  | 240            |
|                                                                                |                                                                                                                                                                                                                                                                          |       |       |       |                |
| <b>Trolley</b> / Chariot /<br>Carrello / Тележка                               |   8 t                                                                                             | 1,48  | 1,3   | 0,96  | 235            |
|                                                                                |                                                                                                                                                                                                                                                                          |       |       |       |                |
| <b>Pulley block</b> / Moufle /<br>Ареже / Полиспаст                            |   8 t<br> 4 t | 1,26  | 0,2   | 1,52  | 270            |
|                                                                                |                                                                                                                                                                                                                                                                          | 0,78  | 0,2   | 1,29  | 115            |

**Packing list** / Liste de colisage / Lista de empaque / Товарная накладная

| <b>Telescoping equipment</b> / Equipement de télescopage /<br>Equipo de telescopaje / Оборудование для телескопирования                                                               |                  | <b>L (m)</b> | <b>I (m)</b> | <b>h (m)</b> | <b>kg</b><br>(+/- 5%) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|--------------|--------------|-----------------------|
| <b>Telescopic cage</b> / Cage de télescopage / Jaula de telescopaje / для телескопирования крана<br> | □1,6m            | 6,8          | 3,65         | 3,9          | 3430                  |
| <b>Masts</b> / Mât / Mástil / Torre / Мачты                                                                                                                                           |                  |              |              |              |                       |
| S 46 J<br>                                                                                           | □1,6m            | 7,8          | 1,8          | 1,7          | 2630                  |
| L 46 A1<br>                                                                                          | □1,6m            | 3,24         | 1,67         | 1,73         | 1180                  |
| <b>Crane bases</b> / Bases / Bases / фундамент под кран                                                                                                                               |                  |              |              |              |                       |
| <b>Fixing angles</b> / Pieds de scellement / Pie de empotramiento / Анкера<br>                     | P 16 A<br>R 16 A | 0,49<br>0,5  | 0,49<br>0,5  | 1,14<br>0,69 | 185<br>145            |
| <b>Basic mast unit</b> / Mât-châssis / Tramo-chasis / Мачта для крепления к шасси<br>              | SB 16 A          | 3,61         | 1,96         | 1,96         | 2645                  |
| <b>Struts</b> / Haubans / Tornapuntas / Растяжка<br>                                               | SB 16 A          | 3,18         | 0,25         | 0,24         | 230                   |
| <b>Half-bearer</b> / Sommier / Testero / Траверса<br>                                              | SB 16 A          | 5,08         | 0,61         | 1,79         | 1115                  |