



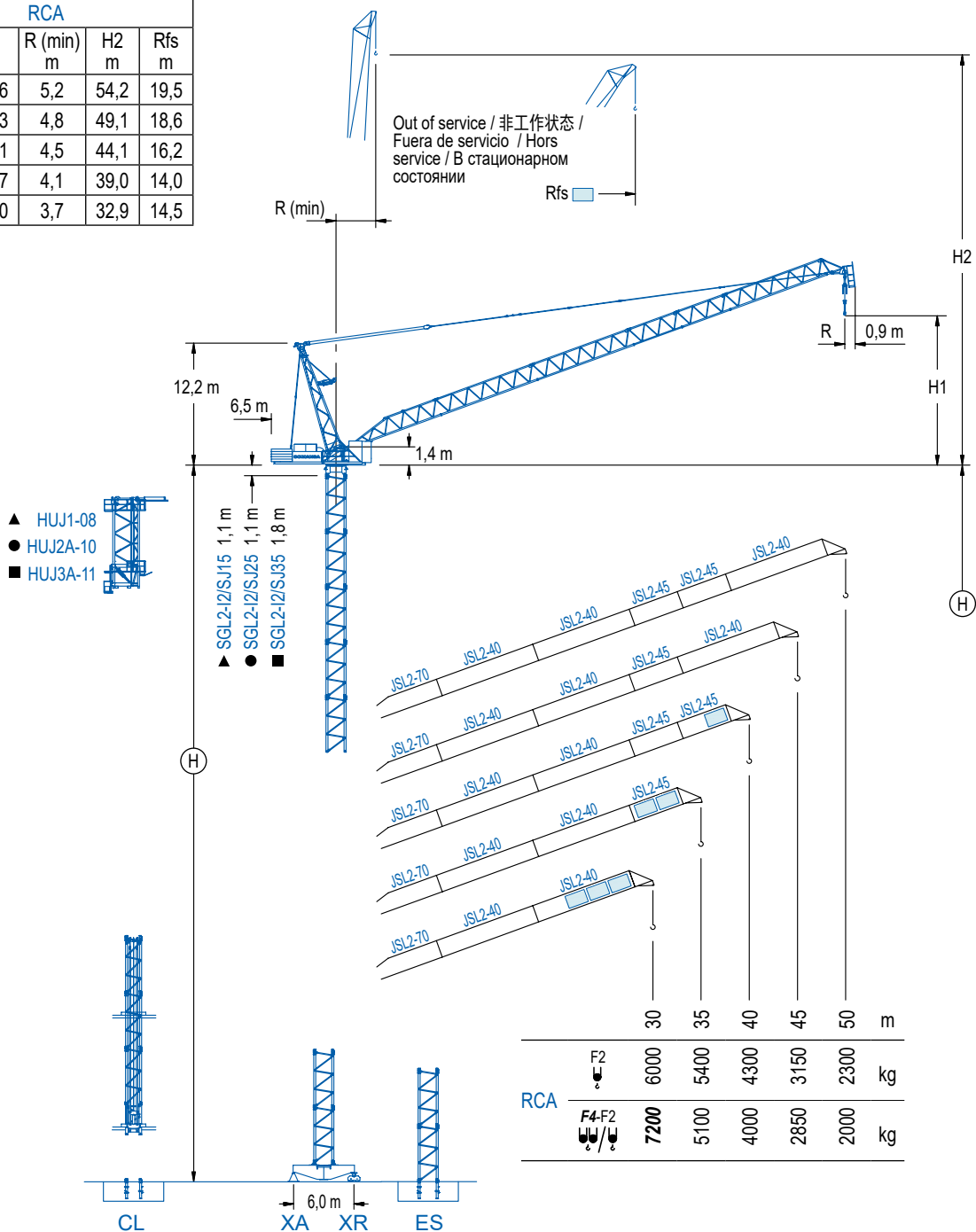
# COMANSA

## LCL Series

# CML165

**12 t**

| RCA          |         |              |         |          |
|--------------|---------|--------------|---------|----------|
| R (max)<br>m | H1<br>m | R (min)<br>m | H2<br>m | Rfs<br>m |
| 50           | 17,6    | 5,2          | 54,2    | 19,5     |
| 45           | 16,3    | 4,8          | 49,1    | 18,6     |
| 40           | 15,1    | 4,5          | 44,1    | 16,2     |
| 35           | 13,7    | 4,1          | 39,0    | 14,0     |
| 30           | 10,0    | 3,7          | 32,9    | 14,5     |



## LCL Series

**RCA** Reeving SR/DR Automatic. / 自动单双倍率变换. / SR/DR Automático. / SM/DM Automatique. / Автоматическая смена запасовки.

EN 14439

**CM-DS-202209-033**

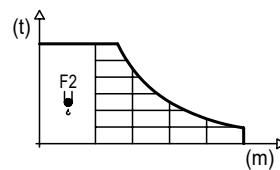
**CML165 12 t**

# LOAD CHART

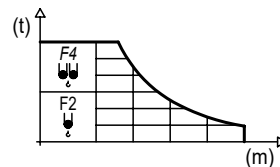
载荷曲线/ Diagrama de cargas /Diagramme de charges /Диаграмма распределения нагрузки

RCA

| R  | 6 t  | 10 | 15 | 20 | 25   | 30   | 35   | 40   | 45   | 50   | ↔(m)<br>↕(kg) |
|----|------|----|----|----|------|------|------|------|------|------|---------------|
| 50 | 28,4 |    |    |    | 6000 | 5480 | 4250 | 3410 | 2790 | 2300 |               |
| 45 | 29,5 |    |    |    | 6000 | 5850 | 4650 | 3800 | 3150 |      |               |
| 40 | 30,9 |    |    |    |      | 6000 | 5120 | 4300 |      |      |               |
| 35 | 31,9 |    |    |    |      | 6000 | 5400 |      |      |      |               |
| 30 | 30,0 |    |    |    |      | 6000 |      |      |      |      |               |



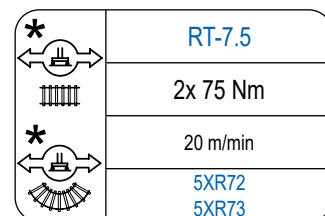
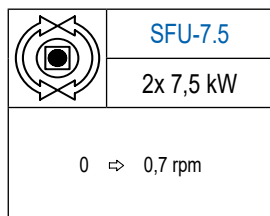
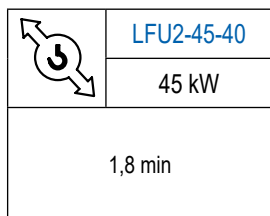
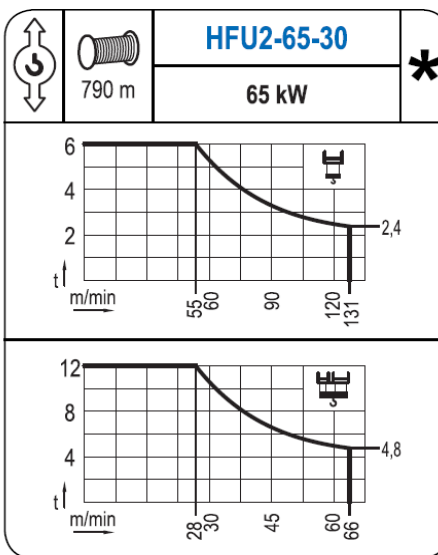
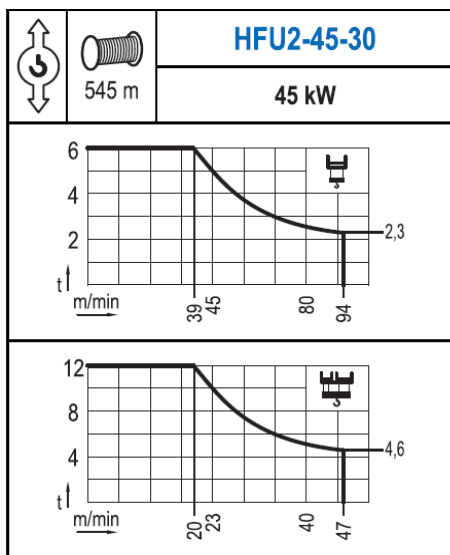
| R  | 12 t | 6 t  | 10    | 15    | 20    | 25   | 30   | 35   | 40   | 45   | 50   | ↔(m)<br>↕(kg) |
|----|------|------|-------|-------|-------|------|------|------|------|------|------|---------------|
| 50 | 11,8 | 21,1 | 12000 | 9000  | 6380  | 4880 | 3900 | 3210 | 2700 | 2310 | 2000 |               |
| 45 | 13,3 | 24,3 | 12000 | 10460 | 7520  | 5810 | 4680 | 3890 | 3300 | 2850 |      |               |
| 40 | 14,6 | 27,8 | 12000 | 11660 | 8590  | 6750 | 5520 | 4650 | 4000 |      |      |               |
| 35 | 15,9 | 30,2 |       | 12000 | 9390  | 7380 | 6040 | 5100 |      |      |      |               |
| 30 | 16,8 |      |       | 12000 | 10290 | 8430 | 7200 |      |      |      |      |               |



Valid data up to 80 m HUH. Additional heights on request / 此数据仅适用于吊钩高度80m 以下，其他高度请咨询。/ Datos válidos hasta 80 m de ABG. Para alturas mayores consultar / Données valables jusqu'à 80 m HSC. Pour des autres hauteurs, merci de nous consulter / Допустимые данные до 80 м ВПК. Для более высоких высот консультируйтесь

## MECHANISMS

机构 / Mecanismos / Mécanismes / Механизмы



| Hoist / 起升机构<br>/ Elevación / Levage /<br>Тип механизма<br>(подъем) | Trolley / 变幅机构 /<br>Carro / Chariot /<br>Грузовая тележка | Slewing / 回转机构 /<br>Giro / Rotation /<br>Поворот | Travel / 行走机构 /<br>Traslación / Translation<br>/ Verfahrbewegung /<br>Traslazione / Ход | Operating voltage / 工作电压<br>/ Tensión de alimentación /<br>Tension de service /<br>Напряжение источника питания | Required power / 需要功率<br>/ Potencia requerida /<br>Puissance requise /<br>требуемая мощность |
|---------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| HFU2-45-30                                                          | LFU2-45-40                                                | (2x) SFU-7.5                                     | (2x) RT-7.5                                                                             | 400 V<br>3 ph<br>50 Hz                                                                                          | 90 kVA                                                                                       |
| HFU2-65-30                                                          |                                                           |                                                  |                                                                                         |                                                                                                                 | 110 kVA                                                                                      |

Optional / 选项  
Opcional / En  
option /  
Опционально

\*

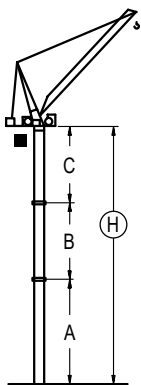




## BRACED CRANE

外附着塔机/ Grúa arriostrada / Grue à entretoisement / Нарастиваемый кран

Ø 2,5 m



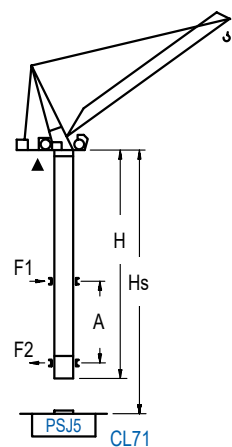
| RCA (H) C/25 |       | 5XA73   |      |         |       |
|--------------|-------|---------|------|---------|-------|
| R            | F2    | 50 / 45 | 40   | 35 / 30 |       |
|              | F4-F2 | 50 / 45 | 40   | 35 / 30 |       |
| A max        |       | 29,4    | 34,9 | 40,4    |       |
| A min        |       | 23,9    | 23,9 | 23,9    |       |
| B max        |       | -       | 22,0 | -       | 33,0  |
| B min        |       | -       | 16,5 | -       | 16,5  |
| C max        |       | 34,5    | 34,5 | 40,0    | 40,0  |
| H max        |       | 63,9    | 85,9 | 74,9    | 113,4 |

| RCA (H) C/25 |       | ES73    |         |      |       |
|--------------|-------|---------|---------|------|-------|
| R            | F2    | 50 / 45 | 40 / 35 | 30   |       |
|              | F4-F2 | 50 / 45 | 40 / 35 | 30   |       |
| A max        |       | 33,1    | 38,6    | 44,1 |       |
| A min        |       | 22,1    | 22,1    | 22,1 |       |
| B max        |       | -       | 22,0    | -    | 33,0  |
| B min        |       | -       | 16,5    | -    | 16,5  |
| C max        |       | 34,5    | 34,5    | 40,0 | 40,0  |
| H max        |       | 67,6    | 89,6    | 78,6 | 117,1 |

## INTERNAL CLIMBING CRANE

内爬塔机/ Grúa trepadora / Grue avec cage de télescopage intérieure / Кран с самоподъемом

Ø 1,6 m



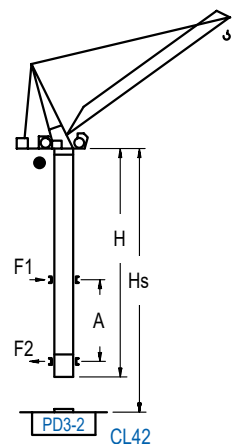
| RCA (H) C/25                              | F2     |        | F4-F2  |        | Hs < 350 m |           |
|-------------------------------------------|--------|--------|--------|--------|------------|-----------|
|                                           | (R)(m) | (R)(m) | (R)(m) | (R)(m) | A max (m)  | A min (m) |
| 42,7<br>(7x SJ15 + CLSJ15-08)             | 30     | 35     | 30     | 35     | 19,6       | 14,0      |
| 39,2<br>(SJ15-2 + 6x SJ15 + CLSJ15-08)    | 40     | 40     | 40     | 40     | 16,8       | 13,0      |
| 37,2<br>(6x SJ15 + CLSJ15-08)             | 45     |        |        |        | 16,8       | 14,0      |
| 35,7<br>(2x SJ15-2 + 5x SJ15 + CLSJ15-08) |        |        | 45     | 45     | 14,1       | 14,0      |
| 31,7<br>(5x SJ15 + CLSJ15-08)             | 50     | 50     | 50     | 50     | 14,1       | 13,0      |

| n°                 | Ref.      | Ø   | h   |
|--------------------|-----------|-----|-----|
|                    | SJ15      | 1,6 | 5,5 |
|                    | SJ15-2    | 1,6 | 2,0 |
|                    | CLSJ15-08 | 1,6 | 3,1 |
| 1x SJ15 = 1x SJ15M |           |     |     |

## INTERNAL CLIMBING CRANE

内爬塔机/ Grúa trepadora / Grue avec cage de télescopage intérieure / Кран с самоподъемом

Ø 2,0 m



| RCA (H) C/25                                                   | F2     |        | F4-F2  |        | Hs < 350 m |           |
|----------------------------------------------------------------|--------|--------|--------|--------|------------|-----------|
|                                                                | (R)(m) | (R)(m) | (R)(m) | (R)(m) | A max (m)  | A min (m) |
| 58,0<br>(2x SJ25-2 + 4x SJ25 + TDJ23A + 4x DJ23A + CLDJ23A-12) | 30     | 30     | 30     | 30     | 25,0       | 11,0      |
| 54,0<br>(4x SJ25 + TDJ23A + 4x DJ23A + CLDJ23A-12)             | 35     | 35     | 35     | 35     | 25,0       | 10,0      |
| 52,5<br>(2x SJ25-2 + 3x SJ25 + TDJ23A + 4x DJ23A + CLDJ23A-12) | 40     | 40     | 40     | 40     | 22,3       | 11,0      |
| 48,5<br>(3x SJ25 + TDJ23A + 4x DJ23A + CLDJ23A-12)             | 45     | 45     | 45     | 45     | 22,3       | 10,0      |
| 47,0<br>(2x SJ25-2 + 2x SJ25 + TDJ23A + 4x DJ23A + CLDJ23A-12) | 50     | 50     | 50     | 50     | 19,6       | 11,0      |

| n°                 | Ref.       | Ø   | h   |
|--------------------|------------|-----|-----|
|                    | SJ25       | 2,0 | 5,5 |
|                    | SJ25-2     | 2,0 | 2,0 |
|                    | TDJ23A     | 2,0 | 5,5 |
|                    | DJ23A      | 2,0 | 5,5 |
|                    | CLDJ23A-12 | 2,0 | 3,4 |
| 1x SJ25 = 1x SJ25M |            |     |     |

Other wind zones or additional hookheights on request/其他风区或另外的吊钩高度请咨询 /Otras zonas de viento o alturas superiores consultar / Autres zones de vent ou des hauteurs supplémentaires sur demande / При других ветренных зонах о при большой высоте проконсультируйтесь с нами