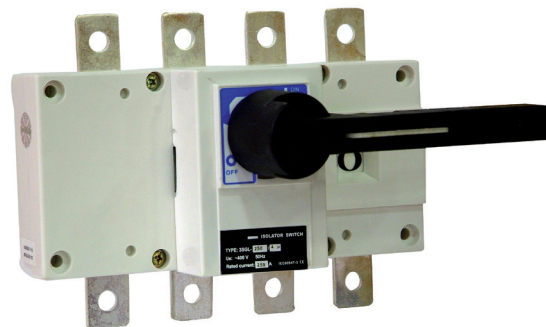


# SECCIONADORES DE CORTE EN CARGA - RHGL

## Aplicación RHGL

La serie RHGL de seccionadores de corte en carga son indicados para uso industrial y distribución, en redes de hasta 660V AC / 50 Hz y 440V DC, hasta 3200A. También disponible en versión para 1000VDC, hasta 2000A. La serie incluye versiones con mando lateral, mando panel, conmutación, etc...

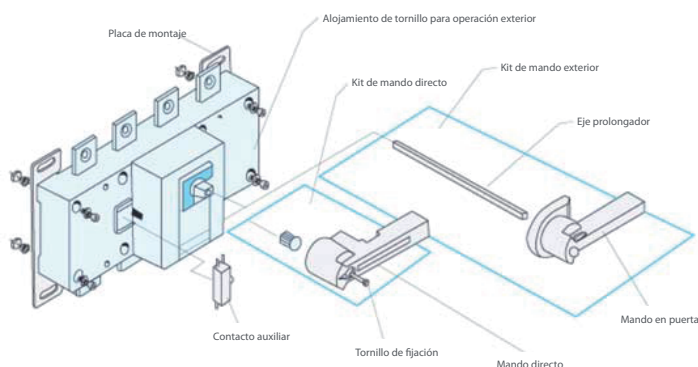
Se fabrica bajo la norma IEC60947.



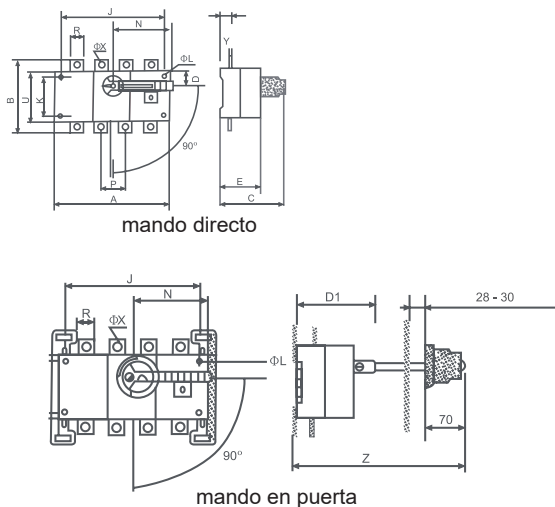
| Intensidad nominal Ith(A)                                 |                      |      | 160A  | 250A  | 400A  | 630A  | 1000A | 1250A | 1600A | 2500A | 3200A |
|-----------------------------------------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Tensión de aislamiento (V)                                |                      |      | 750   | 750   | 1000  | 1000  | 1000  | 1000  | 100   | 1000  | 1000  |
| Rigidez dieléctrica (V)                                   |                      |      | 5000  | 5000  | 8000  | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| Tensión de impulso Uimp (kV)<br>(Grado de la instalación) |                      |      | 8     | 8     | 12    | 12    | 12    | 12    | 12    | 12    | 12    |
| Intensidad de trabajo Ie(A)                               | 380 VAC              | AC21 | 160   | 250   | 400   | 630   | 1000  | 1250  | 1600  | 2500  | 3200  |
|                                                           |                      | AC22 | 160   | 250   | 400   | 630   | 1000  | 1250  | 1600  | 2500  | 3200  |
|                                                           |                      | AC23 | 160   | 250   | 240   | 536   | 800   | 10000 | 1280  | 2000  | 2560  |
|                                                           | 660 VAC              | AC21 | 160   | 200   | 400   | 500   | 1000  | 1000  | 1600  | 2500  | 3200  |
|                                                           |                      | AC22 | 125   | 160   | 200   | 315   | 630   | 630   | 800   | 1250  | 1600  |
|                                                           |                      | AC23 | 63    | 80    | 125   | 125   | 400   | 400   | 500   | 700   | 100   |
|                                                           | 220 VAC              | AC21 | 160   | 250   | 400   | 630   | 1000  | 1250  | 1600  | 2500  | 3200  |
|                                                           |                      | AC22 | 160   | 250   | 400   | 500   | 1000  | 1250  | 1250  | 2500  | 3200  |
|                                                           |                      | AC23 | 125   | 200   | 400   | 500   | 1000  | 1250  | 1250  | 2500  | 3200  |
|                                                           | 440 VAC              | AC21 | 125   | 200   | 400   | 500   | 1000  | 1250  | 1600  | 2500  | 3200  |
|                                                           |                      | AC22 | 125   | 200   | 400   | 500   | 1000  | 1250  | 1600  | 2500  | 3200  |
|                                                           |                      | AC23 | 125   | 200   | 400   | 500   | 1000  | 1000  | 1280  | 2000  | 2560  |
|                                                           | 1000 VDC             | AC21 | 160   | 250   | 400   | 500   | 800   | 1000  | 1000  | 1600  | 2000  |
|                                                           |                      | AC22 | 100   | 160   | 315   | 400   | 630   | 800   | 800   | 1250  | 1600  |
| Potencia motor (kw)                                       | 380V                 |      | 55    | 75    | 110   | 110   | 365   | 365   | 500   | 780   | 1000  |
|                                                           | 660V                 |      | 70    | 110   | 220   | 220   | 560   | 560   | 560   | 900   | 1200  |
| Capacidad de sobrecarga                                   | Icw(KA Rms)0.1S/1.0S |      | 10/10 | 25/12 | 30/20 | 50/25 | 90/50 | 90/50 | 90/50 | 90/50 | 90/50 |
| Capacidad ON-OFF Iou(A Rms)                               | AC23 380V            |      | 1000  | 1600  | 3200  | 3200  | 8000  | 8000  | 8000  | 8000  | 8000  |
|                                                           | AC23 380V            |      | 1250  | 2000  | 4000  | 4000  | 10000 | 10000 | 10000 | 10000 | 10000 |
| Capacidad de cortocircuito Icm(kA Peak)                   |                      |      | 12    | 17    | 30    | 40    | 70    | 70    | 70    | 70    | 70    |
| Nº de maniobras mecánicas                                 |                      |      | 1000  | 10000 | 5500  | 5500  | 4000  | 4000  | 3000  | 3000  | 3000  |
| Nº de maniobras eléctricas                                |                      |      | 1250  | 2000  | 4000  | 4000  | 10000 | 10000 | 10000 | 10000 | 10000 |
| Relación de Intensidad/categoría de empleo (Ue=660V)      |                      |      |       |       |       |       |       |       |       |       |       |
| COS=0.95                                                  | AC21                 |      | 1500  | 1500  | 750   | 750   | 600   | 600   | 450   | 300   | 300   |
| COS=0.65                                                  | AC22                 |      | 1000  | 1000  | 500   | 500   | 400   | 400   | 300   | 200   | 200   |
| COS=0.35                                                  | AC23                 |      | 500   | 500   | 250   | 250   | 200   | 200   | 150   | 100   | 100   |
| Par de apriete (Nm)                                       |                      |      | 6,5   | 10    | 14,5  | 14,5  | 27    | 27    | 27    | 27    | 27    |
| Peso (kg)                                                 | 3 POLOS              |      | 1     | 2     | 3,5   | 4     | 10,5  | 10,5  | 16    | 33,6  | 41,6  |
|                                                           | 4 POLOS              |      | 1,5   | 2,5   | 4     | 4,5   | 13    | 13    | 20    | 42    | 52    |

# SECCIONADORES DE CORTE EN CARGA - RHGL

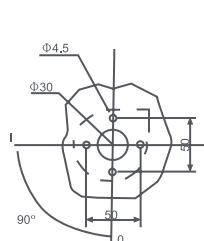
## Descripción general del modelo



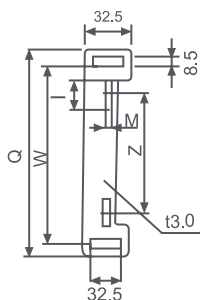
## Dimensiones RHGL 125~630



| Modelo          | Dimensiones exteriores y de instalación |     |     |    |     |     |     |     |     |     |    |    |    |     |     |    |    |    |    |
|-----------------|-----------------------------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|----|----|----|----|
| RHGL 125...630A | A                                       | B   | C   | D  | D1  | E   | ΦL  | J   | K   | N   | P  | R  | S  | T   | U   | ΦX | Y  | F  | H  |
| 125A/3          | 140                                     | 135 | 125 | 27 | 92  | 73  | 5,5 | 120 | 65  | 85  | 36 | 20 | 25 | 3,5 | 115 | 9  | 25 | 59 | 10 |
| 125A/4          | 170                                     | 135 | 125 | 27 | 92  | 73  | 5,5 | 150 | 65  | 85  | 36 | 20 | 25 | 3,5 | 115 | 9  | 25 | 59 | 10 |
| 160A/3          | 140                                     | 135 | 125 | 27 | 92  | 73  | 5,5 | 120 | 65  | 85  | 36 | 20 | 25 | 3,5 | 115 | 9  | 25 | 59 | 10 |
| 160A/4          | 170                                     | 135 | 125 | 27 | 92  | 73  | 5,5 | 150 | 65  | 85  | 36 | 20 | 25 | 3,5 | 115 | 9  | 25 | 59 | 10 |
| 200A/3          | 180                                     | 170 | 138 | 35 | 98  | 86  | 5,5 | 160 | 90  | 115 | 50 | 25 | 30 | 3,5 | 140 | 11 | 25 | 76 | 15 |
| 200A/4          | 230                                     | 170 | 138 | 35 | 98  | 86  | 5,5 | 210 | 90  | 115 | 50 | 25 | 30 | 3,5 | 140 | 11 | 25 | 76 | 15 |
| 250A/3          | 180                                     | 170 | 138 | 35 | 98  | 86  | 5,5 | 160 | 90  | 115 | 50 | 25 | 30 | 3,5 | 140 | 11 | 25 | 76 | 15 |
| 250A/4          | 230                                     | 170 | 138 | 35 | 98  | 86  | 5,5 | 210 | 90  | 115 | 50 | 25 | 30 | 3,5 | 140 | 11 | 25 | 76 | 15 |
| 315A/3          | 230                                     | 240 | 165 | 50 | 135 | 110 | 7   | 210 | 140 | 145 | 65 | 32 | 40 | 5   | 206 | 11 | 37 | 94 | 20 |
| 315A/4          | 295                                     | 240 | 165 | 50 | 135 | 110 | 7   | 275 | 140 | 145 | 65 | 32 | 40 | 5   | 206 | 11 | 37 | 94 | 20 |
| 400A/3          | 230                                     | 240 | 165 | 50 | 135 | 110 | 7   | 210 | 140 | 145 | 65 | 32 | 40 | 5   | 206 | 11 | 37 | 94 | 20 |
| 400A/4          | 295                                     | 240 | 165 | 50 | 135 | 110 | 7   | 275 | 140 | 145 | 65 | 32 | 40 | 5   | 206 | 11 | 37 | 94 | 20 |
| 500A/3          | 230                                     | 260 | 165 | 50 | 135 | 110 | 7   | 210 | 140 | 145 | 65 | 40 | 50 | 6   | 220 | 13 | 37 | 94 | 20 |
| 500A/4          | 295                                     | 260 | 165 | 50 | 135 | 110 | 7   | 275 | 140 | 145 | 65 | 40 | 50 | 6   | 220 | 13 | 37 | 94 | 20 |
| 630A/3          | 230                                     | 260 | 165 | 50 | 135 | 110 | 7   | 210 | 140 | 145 | 65 | 40 | 50 | 6   | 220 | 13 | 37 | 94 | 20 |
| 630A/4          | 295                                     | 260 | 165 | 50 | 135 | 110 | 7   | 275 | 140 | 145 | 65 | 40 | 50 | 6   | 220 | 13 | 37 | 94 | 20 |



montaje del mando fijo  
en montaje panel



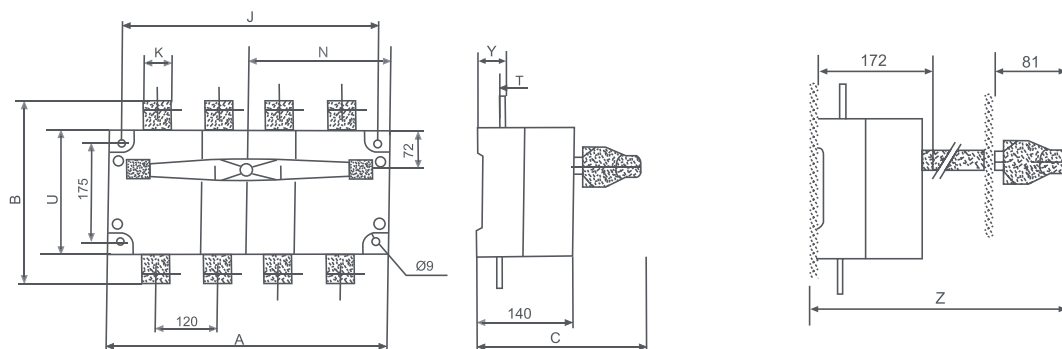
montaje interior de panel  
para mando fijo externo

| Modelo         | Dimensión en placa |     |     |     |     |
|----------------|--------------------|-----|-----|-----|-----|
| RHGL 125...630 | I                  | M   | Z   | W   | Q   |
| 125A           | 55                 | 5,5 | 85  | 190 | 218 |
| 160A           | 55                 | 5,5 | 85  | 190 | 218 |
| 200A           | 55                 | 5,5 | 85  | 190 | 218 |
| 250A           | 55                 | 5,5 | 85  | 190 | 218 |
| 315A           | 60                 | 6,5 | 130 | 240 | 270 |
| 400A           | 60                 | 6,5 | 130 | 240 | 270 |
| 500A           | 60                 | 6,5 | 130 | 240 | 270 |
| 630A           | 600                | 6,5 | 130 | 240 | 270 |

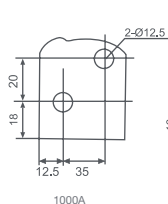
# SECCIONADORES DE CORTE EN CARGA - RHGL

Modelos RHGL 1000-3200

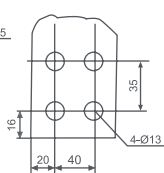
## Dimensiones RHGL 1000~1600



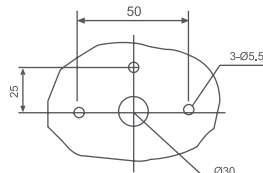
| Modelo            | Dimensiones exteriores y de instalación |     |     |     |     |    |    |     |    |     |
|-------------------|-----------------------------------------|-----|-----|-----|-----|----|----|-----|----|-----|
| RHGL 1000...1600A | A                                       | B   | C   | J   | N   | K  | T  | U   | Y  | Z   |
| 1000A/3           | 378                                     | 312 | 240 | 353 | 174 | 60 | 8  | 200 | 48 | 343 |
| 1000A/4           | 498                                     | 312 | 240 | 473 | 234 | 60 | 8  | 200 | 48 | 343 |
| 1250A/3           | 378                                     | 338 | 240 | 353 | 174 | 80 | 8  | 200 | 48 | 343 |
| 1250A/4           | 498                                     | 338 | 240 | 473 | 234 | 80 | 8  | 200 | 49 | 343 |
| 1600A/3           | 278                                     | 338 | 240 | 353 | 174 | 80 | 10 | 200 | 49 | 343 |
| 1600A/4           | 498                                     | 338 | 240 | 473 | 234 | 80 | 10 | 200 | 49 | 343 |



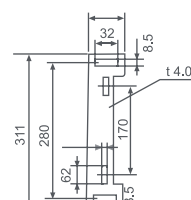
1000A



1250 - 1600A

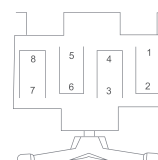
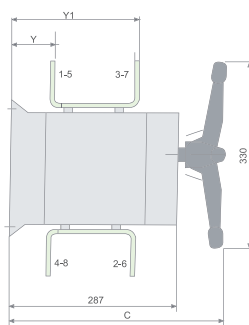
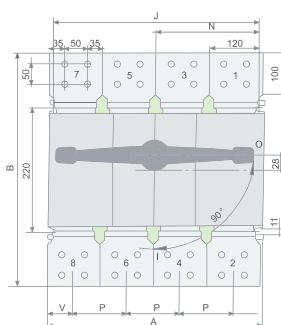


montaje del mando fijo  
en montaje panel



montaje interior de panel  
para mando fijo externo

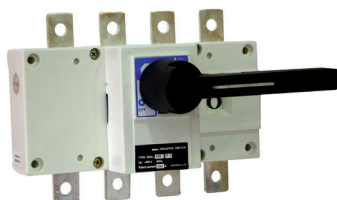
## Dimensiones RHGL 2500~3200



| Modelo            | Dimensiones exteriores y de instalación |     |     |     |     |     |    |    |     |
|-------------------|-----------------------------------------|-----|-----|-----|-----|-----|----|----|-----|
| RHGL 2000...3200A | A                                       | B   | C   | J   | N   | P   | V  | Y  | Z   |
| 2500A3/3          | 378                                     | 450 | 374 | 353 | 174 | 120 | 60 | 80 | 230 |
| 2500A3/4          | 498                                     | 510 | 374 | 473 | 234 | 120 | 60 | 80 | 230 |
| 3200A3/3          | 378                                     | 450 | 374 | 353 | 174 | 120 | 60 | 80 | 230 |
| 3200A3/4          | 498                                     | 510 | 374 | 473 | 234 | 120 | 60 | 80 | 230 |

## SECCIONADORES DE CORTE EN CARGA - RHGL

- Norma internacional IEC60947-3
- Tensión asignada: 660V AC/50-60Hz y 440V DC
- Tensión de aislamiento Ui: 800V AC
- Bloqueo opcional por candado



| Montaje fondo de armario | Nº de polos | Intensidad (A) |               |               |               | Referencia   |
|--------------------------|-------------|----------------|---------------|---------------|---------------|--------------|
|                          |             | 400VAC / AC22  | 690VAC / AC21 | 230VDC / DC22 | 440VDC / AC21 |              |
|                          | 3           | 125            | 125           | 125           | 125           | RHGL125AIF3  |
|                          |             | 160            | 160           | 160           | 160           | RHGL160AIF3  |
|                          |             | 250            | 200           | 250           | 200           | RHGL250AIF3  |
|                          |             | 400            | 315           | 400           | 315           | RHGL400AIF3  |
|                          |             | 630            | 500           | 630           | 500           | RHGL630AIF3  |
|                          |             | 1000           | 800           | 1000          | 800           | RHGL1000AIF3 |
|                          |             | 1250           | 800           | 1250          | 800           | RHGL1250AIF3 |
|                          |             | 1600           | 1000          | 1600          | 1000          | RHGL1600AIF3 |
|                          |             | 2500           | 1600          | 2500          | 1600          | RHGL2500AIF3 |
|                          | 4           | 3200           | 2000          | 3200          | 2000          | RHGL3200AIF3 |
|                          |             | 125            | 125           | 125           | 125           | RHGL125AIF4  |
|                          |             | 160            | 160           | 160           | 160           | RHGL160AIF4  |
|                          |             | 250            | 200           | 250           | 200           | RHGL250AIF4  |
|                          |             | 400            | 315           | 400           | 315           | RHGL400AIF4  |
|                          |             | 630            | 500           | 630           | 500           | RHGL630AIF4  |
|                          |             | 1000           | 800           | 1000          | 800           | RHGL1000AIF4 |
|                          |             | 1250           | 800           | 1250          | 800           | RHGL1250AIF4 |
|                          |             | 1600           | 1000          | 1600          | 1000          | RHGL1600AIF4 |
|                          |             | 2500           | 1600          | 2500          | 1600          | RHGL2500AIF4 |
|                          |             | 3200           | 2000          | 3200          | 2000          | RHGL3200AIF4 |

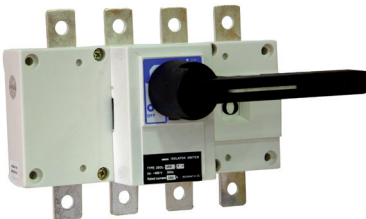
| Montaje fondo de armario y mando en puerta | Nº de polos | Intensidad (A) |               |               |               | Referencia   |
|--------------------------------------------|-------------|----------------|---------------|---------------|---------------|--------------|
|                                            |             | 400VAC / AC22  | 690VAC / AC21 | 230VDC / DC22 | 440VDC / AC21 |              |
|                                            | 3           | 125            | 125           | 125           | 125           | RHGL125AEF3  |
|                                            |             | 160            | 160           | 160           | 160           | RHGL160AEF3  |
|                                            |             | 250            | 200           | 250           | 200           | RHGL250AEF3  |
|                                            |             | 400            | 315           | 400           | 315           | RHGL400AEF3  |
|                                            |             | 630            | 500           | 630           | 500           | RHGL630AEF3  |
|                                            |             | 1000           | 800           | 1000          | 800           | RHGL1000AEF3 |
|                                            |             | 1250           | 800           | 1250          | 800           | RHGL1250AEF3 |
|                                            |             | 1600           | 1000          | 1600          | 1000          | RHGL1600AEF3 |
|                                            | 4           | 125            | 125           | 125           | 125           | RHGL125AEF4  |
|                                            |             | 160            | 160           | 160           | 160           | RHGL160AEF4  |
|                                            |             | 250            | 200           | 250           | 200           | RHGL250AEF4  |
|                                            |             | 400            | 315           | 400           | 315           | RHGL400AEF4  |
|                                            |             | 630            | 500           | 630           | 500           | RHGL630AEF4  |
|                                            |             | 1000           | 800           | 1000          | 800           | RHGL1000AEF4 |
|                                            |             | 1250           | 800           | 1250          | 800           | RHGL1250AEF4 |
|                                            |             | 1600           | 1000          | 1600          | 1000          | RHGL1600AEF4 |

Incluye mando exterior, maneta y eje metálico de 330 mm

# SECCIONADORES DE CORTE EN CARGA - RHGL

Empleo fotovoltaica

- Norma internacional IEC60947-3
- Tensión asignada: 1.000V DC
- Tensión de aislamiento Ui: 1.200V AC
- Bloqueo opcional por candado
- N° de polos en serie: 2P+ y 2P-

| Montaje fondo de armario                                                          | N° de polos | Intensidad (A) |               |               |               | Referencia   |
|-----------------------------------------------------------------------------------|-------------|----------------|---------------|---------------|---------------|--------------|
|                                                                                   |             | 400VAC / AC22  | 690VAC / AC21 | 230VDC / DC22 | 440VDC / AC21 |              |
|  | 4           | 160            | 160           | 160           | 160           | RHGL160DIF4  |
|                                                                                   |             | 250            | 250           | 250           | 250           | RHGL250DIF4  |
|                                                                                   |             | 400            | 315           | 400           | 315           | RHGL400DIF4  |
|                                                                                   |             | 630            | 500           | 630           | 500           | RHGL630DIF4  |
|                                                                                   |             | 1000           | 800           | 1000          | 800           | RHGL1000DIF4 |
|                                                                                   |             | 1250           | 800           | 1250          | 800           | RHGL1250DIF4 |
|                                                                                   |             | 1600           | 1000          | 1600          | 1000          | RHGL1600DIF4 |
|                                                                                   |             | 2000           | 1300          | 2000          | 1300          | RHGL2000DIF4 |

| Montaje fondo de armario y mando en puerta                                          | N° de polos | Intensidad (A) |               |               |               | Referencia   |
|-------------------------------------------------------------------------------------|-------------|----------------|---------------|---------------|---------------|--------------|
|                                                                                     |             | 400VAC / AC22  | 690VAC / AC21 | 230VDC / DC22 | 440VDC / AC21 |              |
|  | 4           | 160            | 160           | 160           | 160           | RHGL160DEF4  |
|                                                                                     |             | 250            | 250           | 250           | 250           | RHGL250DEF4  |
|                                                                                     |             | 400            | 315           | 400           | 315           | RHGL400DEF4  |
|                                                                                     |             | 630            | 500           | 630           | 500           | RHGL630DEF4  |
|                                                                                     |             | 1000           | 800           | 1000          | 800           | RHGL1000DEF4 |
|                                                                                     |             | 1250           | 800           | 1250          | 800           | RHGL1250DEF4 |
|                                                                                     |             | 1600           | 1000          | 1600          | 1000          | RHGL1600DEF4 |
|                                                                                     |             | 2000           | 1300          | 2000          | 1300          | RHGL2000DEF4 |

Incluye mando exterior, maneta y eje metálico de 330 mm