

ARRANCADORES SUAVES

Equipos de presión

Características generales:

Tensión: 400 v III + N
 Arrancadores suaves ABB
 Contactores de línea. Cortan la tensión hacia el arrancador y la bomba cuando está parada
 Protección térmica por disyuntores o relés térmicos
 Maniobra con presostatos.
 Boya de nivel mínimo

Opciones:

- Amperímetros, cuenta-horas por bomba. Voltímetro general.
- CLT, salidas libres de tensión.
- Sondas de pozo. [Página 46](#)



Siempre tener en cuenta la intensidad máxima de la bomba

1 BOMBA Trifásica 400 V

| Referencia | Familia de descuentos | | | | 2 |
|------------|-----------------------|-------------------|------------|-------------|---------|
| | Tensión | I max. Arrancador | Regulación | Potencia CV | PVP |
| P1ARS4T4 | 400 v III+ N | 3,9 A | 2,5 - 4 A | 2 CV | 809 € |
| P1ARS7T4 | 400 v III+ N | 6,8 A | 6,3 - 10 A | 4 CV | 821 € |
| P1ARS9T4 | 400 v III+ N | 9 A | 6,3 - 10 A | 5,5 CV | 872 € |
| P1ARS12T4 | 400 v III+ N | 12 A | 9 - 14 A | 7,5 CV | 905 € |
| P1ARS16T4 | 400 v III+ N | 16 A | 13 - 18 A | 10 CV | 1.041 € |
| P1ARS25T4 | 400 v III+ N | 25 A | 20 - 25 A | 15 CV | 1.141 € |
| P1ARS30T4 | 400 v III+ N | 30 A | 24 - 32 A | 20 CV | 1.495 € |
| P1ARS37T4 | 400 v III+ N | 37 A | 30 - 38 A | 25 CV | 1.933 € |
| P1ARS45T4 | 400 v III+ N | 45 A | 37 - 50 A | 30 CV | 2.034 € |
| P1ARS60T4 | 400 v III+ N | 60 A | 48 - 65 A | 40 CV | 2.251 € |
| P1ARS72T4 | 400 v III+ N | 72 A | 62 - 80 A | 50 CV | 2.608 € |
| P1ARS85T4 | 400 v III+ N | 85 A | 62 - 80 A | 60 CV | 3.117 € |
| P1ARS105T4 | 400 v III+ N | 105 A | 80 - 104 A | 75 CV | 3.609 € |

2 BOMBAS Trifásicas 400 V

| | Familia de descuentos | | | | 2 |
|------------|-----------------------|----------------------|------------|----------|---------|
| Referencia | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| P2ARS4T4 | 400 v III+ N | 3,9 A | 2,5 - 4 A | 2 CV | 1.401 € |
| P2ARS7T4 | 400 v III+ N | 6,8 A | 6,3 - 10 A | 4 CV | 1.424 € |
| P2ARS9T4 | 400 v III+ N | 9 A | 6,3 - 10 A | 5,5 CV | 1.538 € |
| P2ARS12T4 | 400 v III+ N | 12 A | 9 - 14 A | 7,5 CV | 1.600 € |
| P2ARS16T4 | 400 v III+ N | 16 A | 13 - 18 A | 10 CV | 1.920 € |
| P2ARS25T4 | 400 v III+ N | 25 A | 20 - 25 A | 15 CV | 2.152 € |
| P2ARS30T4 | 400 v III+ N | 30 A | 24 - 32 A | 20 CV | 2.894 € |
| P2ARS37T4 | 400 v III+ N | 37 A | 30 - 38 A | 25 CV | 3.566 € |
| P2ARS45T4 | 400 v III+ N | 45 A | 37 - 50 A | 30 CV | 3.925 € |
| P2ARS60T4 | 400 v III+ N | 60 A | 48 - 65 A | 40 CV | 4.350 € |
| P2ARS72T4 | 400 v III+ N | 72 A | 62 - 80 A | 50 CV | 5.234 € |
| P2ARS85T4 | 400 v III+ N | 85 A | 62 - 80 A | 60 CV | 5.996 € |
| P2ARS105T4 | 400 v III+ N | 105 A | 80 - 104 A | 75 CV | 7.043 € |

3 BOMBAS Trifásicas 400 V

| | Familia de descuentos | | | | 2 |
|------------|-----------------------|----------------------|------------|----------|----------|
| Referencia | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| P3ARS4T4 | 400 v III+ N | 3,9 A | 2,5 - 4 A | 2 CV | 1.919 € |
| P3ARS7T4 | 400 v III+ N | 6,8 A | 6,3 - 10 A | 4 CV | 2.001 € |
| P3ARS9T4 | 400 v III+ N | 9 A | 6,3 - 10 A | 5,5 CV | 2.115 € |
| P3ARS12T4 | 400 v III+ N | 12 A | 9 - 14 A | 7,5 CV | 2.477 € |
| P3ARS16T4 | 400 v III+ N | 16 A | 13 - 18 A | 10 CV | 2.878 € |
| P3ARS25T4 | 400 v III+ N | 25 A | 20 - 25 A | 15 CV | 3.134 € |
| P3ARS30T4 | 400 v III+ N | 30 A | 24 - 32 A | 20 CV | 4.357 € |
| P3ARS37T4 | 400 v III+ N | 37 A | 28 - 40 A | 25 CV | 5.321 € |
| P3ARS45T4 | 400 v III+ N | 45 A | 40 - 50 A | 30 CV | 5.760 € |
| P3ARS60T4 | 400 v III+ N | 60 A | 45 - 63 A | 40 CV | 6.576 € |
| P3ARS72T4 | 400 v III+ N | 72 A | 57 - 75 A | 50 CV | 7.535 € |
| P3ARS85T4 | 400 v III+ N | 85 A | 70 - 90 A | 60 CV | 8.554 € |
| P3ARS105T4 | 400 v III+ N | 105 A | 80 - 100 A | 75 CV | 10.290 € |

4 BOMBAS Trifásicas 400 V

| Referencia | Familia de descuentos | | | | 2 |
|------------|-----------------------|----------------------|------------|----------|----------|
| | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| P4ARS4T4 | 400 v III+ N | 3,9 A | 2,5 - 4 A | 2 CV | 2.779 € |
| P4ARS7T4 | 400 v III+ N | 6,8 A | 6,3 - 10 A | 4 CV | 2.836 € |
| P4ARS9T4 | 400 v III+ N | 9 A | 6,3 - 10 A | 5,5 CV | 3.207 € |
| P4ARS12T4 | 400 v III+ N | 12 A | 9 - 14 A | 7,5 CV | 3.408 € |
| P4ARS16T4 | 400 v III+ N | 16 A | 13 - 18 A | 10 CV | 3.937 € |
| P4ARS25T4 | 400 v III+ N | 25 A | 20 - 25 A | 15 CV | 4.570 € |
| P4ARS30T4 | 400 v III+ N | 30 A | 24 - 32 A | 20 CV | 6.036 € |
| P4ARS37T4 | 400 v III+ N | 37 A | 28 - 40 A | 25 CV | 7.312 € |
| P4ARS45T4 | 400 v III+ N | 45 A | 40 - 50 A | 30 CV | 7.891 € |
| P4ARS60T4 | 400 v III+ N | 60 A | 45 - 63 A | 40 CV | 10.253 € |
| P4ARS72T4 | 400 v III+ N | 72 A | 57 - 75 A | 50 CV | 11.723 € |
| P4ARS85T4 | 400 v III+ N | 85 A | 70 - 90 A | 60 CV | 12.929 € |
| P4ARS105T4 | 400 v III+ N | 105 A | 80 - 100 A | 75 CV | 15.061 € |

ARRANCADORES SUAVES

AGUAS RESIDUALES

1 BOMBA Trifásica 400 V

| | Familia de descuentos | | | | 5 |
|------------|-----------------------|----------------------|------------|----------|---------|
| Referencia | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| F1ARS4T4 | 400 v III+ N | 3,9 A | 2,5 - 4 A | 2 CV | 838 € |
| F1ARS7T4 | 400 v III+ N | 6,8 A | 6,3 - 10 A | 4 CV | 849 € |
| F1ARS9T4 | 400 v III+ N | 9 A | 6,3- 10 A | 5,5 CV | 899 € |
| F1ARS12T4 | 400 v III+ N | 12 A | 9 - 14 A | 7,5 CV | 931 € |
| F1ARS16T4 | 400 v III+ N | 16 A | 13 - 18 A | 10 CV | 1.068 € |
| F1ARS25T4 | 400 v III+ N | 25 A | 20 - 25 A | 15 CV | 1.168 € |
| F1ARS30T4 | 400 v III+ N | 30 A | 24 - 32 A | 20 CV | 1.522 € |
| F1ARS37T4 | 400 v III+ N | 37 A | 30 - 38 A | 25 CV | 1.960 € |
| F1ARS45T4 | 400 v III+ N | 45 A | 37 - 50 A | 30 CV | 2.063 € |
| F1ARS60T4 | 400 v III+ N | 60 A | 48 - 65 A | 40 CV | 2.276 € |
| F1ARS72T4 | 400 v III+ N | 72 A | 62 - 80 A | 50 CV | 2.634 € |
| F1ARS85T4 | 400 v III+ N | 85 A | 62 - 80 A | 60 CV | 3.145 € |
| F1ARS105T4 | 400 v III+ N | 105 A | 80 - 104 A | 75 CV | 3.636 € |

2 BOMBAS Trifásicas 400 V

| | Familia de descuentos | | | | 5 |
|------------|-----------------------|----------------------|------------|----------|---------|
| Referencia | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| F2ARS4T4 | 400 v III+ N | 3,9 A | 2,5 - 4 A | 2 CV | 1.428 € |
| F2ARS7T4 | 400 v III+ N | 6,8 A | 6,3 - 10 A | 4 CV | 1.453 € |
| F2ARS9T4 | 400 v III+ N | 9 A | 6,3 - 10 A | 5,5 CV | 1.564 € |
| F2ARS12T4 | 400 v III+ N | 12 A | 9 - 14 A | 7,5 CV | 1.628 € |
| F2ARS16T4 | 400 v III+ N | 16 A | 13 - 18 A | 10 CV | 1.950 € |
| F2ARS25T4 | 400 v III+ N | 25 A | 20 - 25 A | 15 CV | 2.178 € |
| F2ARS30T4 | 400 v III+ N | 30 A | 24 - 32 A | 20 CV | 2.922 € |
| F2ARS37T4 | 400 v III+ N | 37 A | 30 - 38 A | 25 CV | 3.594 € |
| F2ARS45T4 | 400 v III+ N | 45 A | 37 - 50 A | 30 CV | 3.951 € |
| F2ARS60T4 | 400 v III+ N | 60 A | 48 - 65 A | 40 CV | 4.376 € |
| F2ARS72T4 | 400 v III+ N | 72 A | 62 - 80 A | 50 CV | 5.262 € |
| F2ARS85T4 | 400 v III+ N | 85 A | 62 - 80 A | 60 CV | 6.020 € |
| F2ARS105T4 | 400 v III+ N | 105 A | 80 - 104 A | 75 CV | 7.071 € |

3 BOMBAS Trifásicas 400 V

| | Familia de descuentos | | | | 5 |
|------------|-----------------------|----------------------|------------|----------|----------|
| Referencia | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| F3ARS4T4 | 400 v III+ N | 3,9 A | 2,5 - 4 A | 2 CV | 1.980 € |
| F3ARS7T4 | 400 v III+ N | 6,8 A | 6,3 - 10 A | 4 CV | 2.029 € |
| F3ARS9T4 | 400 v III+ N | 9 A | 6,3 - 10 A | 5,5 CV | 2.179 € |
| F3ARS12T4 | 400 v III+ N | 12 A | 9 - 14 A | 7,5 CV | 2.507 € |
| F3ARS16T4 | 400 v III+ N | 16 A | 13 - 18 A | 10 CV | 2.905 € |
| F3ARS25T4 | 400 v III+ N | 25 A | 20 - 25 A | 15 CV | 3.160 € |
| F3ARS30T4 | 400 v III+ N | 30 A | 24 - 32 A | 20 CV | 4.384 € |
| F3ARS37T4 | 400 v III+ N | 37 A | 30 - 38 A | 25 CV | 5.348 € |
| F3ARS45T4 | 400 v III+ N | 45 A | 37 - 50 A | 30 CV | 5.787 € |
| F3ARS60T4 | 400 v III+ N | 60 A | 48 - 65 A | 40 CV | 6.603 € |
| F3ARS72T4 | 400 v III+ N | 72 A | 62 - 80 A | 50 CV | 7.562 € |
| F3ARS85T4 | 400 v III+ N | 85 A | 62 - 80 A | 60 CV | 8.581 € |
| F3ARS105T4 | 400 v III+ N | 105 A | 80 - 104 A | 75 CV | 10.316 € |

4 BOMBAS Trifásicas 400 V

| | Familia de descuentos | | | | 5 |
|------------|-----------------------|----------------------|------------|----------|----------|
| Referencia | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| F4ARS4T4 | 400 v III+ N | 3,9 A | 2,5 - 4 A | 2 CV | 2.806 € |
| F4ARS7T4 | 400 v III+ N | 6,8 A | 6,3 - 10 A | 4 CV | 2.866 € |
| F4ARS9T4 | 400 v III+ N | 9 A | 6,3 - 10 A | 5,5 CV | 3.233 € |
| F4ARS12T4 | 400 v III+ N | 12 A | 9 - 14 A | 7,5 CV | 3.435 € |
| F4ARS16T4 | 400 v III+ N | 16 A | 13 - 18 A | 10 CV | 3.963 € |
| F4ARS25T4 | 400 v III+ N | 25 A | 20 - 25 A | 15 CV | 4.598 € |
| F4ARS30T4 | 400 v III+ N | 30 A | 24 - 32 A | 20 CV | 6.063 € |
| F4ARS37T4 | 400 v III+ N | 37 A | 30 - 38 A | 25 CV | 7.340 € |
| F4ARS45T4 | 400 v III+ N | 45 A | 37 - 50 A | 30 CV | 7.921 € |
| F4ARS60T4 | 400 v III+ N | 60 A | 48 - 65 A | 40 CV | 10.279 € |
| F4ARS72T4 | 400 v III+ N | 72 A | 62 - 80 A | 50 CV | 11.748 € |
| F4ARS85T4 | 400 v III+ N | 85 A | 62 - 80 A | 60 CV | 13.013 € |
| F4ARS105T4 | 400 v III+ N | 105 A | 80 - 104 A | 75 CV | 14.987 € |

ARRANCADORES SUAVES BOMBAS DE POZO

Potencias calculadas para motores de pozo, tipo FRANKLIN. Hay que tener en cuenta la intensidad de la bomba a la hora de elegir el cuadro

CON SONDAS DE POZO

| | Familia de descuentos | | | | 5 |
|-------------|-----------------------|----------------------|------------|----------|---------|
| Referencia | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| PZ1ARS4T4 | 400 v III+ N | 3,9 Amp. | 2,5 - 4 A | 1,5 CV | 929 € |
| PZ1ARS7T4 | 400 v III+ N | 6,8 Amp. | 4 - 6,3 A | 3 CV | 942 € |
| PZ1ARS9T4 | 400 v III+ N | 9 Amp. | 6,3 - 10 A | 4 CV | 992 € |
| PZ1ARS12T4 | 400 v III+ N | 12 Amp. | 9 - 14 A | 5,5 CV | 1.024 € |
| PZ1ARS16T4 | 400 v III+ N | 16 Amp. | 11 - 16 A | 7,5 CV | 1.161 € |
| PZ1ARS25T4 | 400 v III+ N | 25 Amp. | 20 - 25 A | 12,5 CV | 1.263 € |
| PZ1ARS30T4 | 400 v III+ N | 30 Amp. | 24 - 32 A | 15 CV | 1.601 € |
| PZ1ARS37T4 | 400 v III+ N | 37 Amp. | 30 - 38 A | 20 CV | 2.018 € |
| PZ1ARS45T4 | 400 v III+ N | 45 Amp. | 37 - 50 A | 25 CV | 2.155 € |
| PZ1ARS60T4 | 400 v III+ N | 60 Amp. | 48 - 65 A | 30 CV | 2.392 € |
| PZ1ARS72T4 | 400 v III+ N | 72 Amp. | 62 - 80 A | 40 CV | 2.749 € |
| PZ1ARS85T4 | 400 v III+ N | 85 Amp. | 62 - 80 A | 50 CV | 3.236 € |
| PZ1ARS105T4 | 400 v III+ N | 105 Amp. | 80 - 104 A | 60 CV | 3.761 € |

CON SONDAS DE POZO Y DEPOSITO

| | Familia de descuentos | | | | 5 |
|--------------|-----------------------|----------------------|------------|----------|---------|
| Referencia | Tensión | I max. Arrancador | Regulación | Potencia | PVP |
| PYD1ARS4T4 | 400 v III+ N | 3,9 Amp. | 2,8 - 4 A | 1,5 CV | 1.010 € |
| PYD1ARS7T4 | 400 v III+ N | 6,8 Amp. | 5,5 - 8 A | 3 CV | 1.024 € |
| PYD1ARS9T4 | 400 v III+ N | 9 Amp. | 7 - 10 A | 4 CV | 1.073 € |
| PYD1ARS12T4 | 400 v III+ N | 12 Amp. | 9 - 12 A | 5,5 CV | 1.106 € |
| PYD1ARS16T4 | 400 v III+ N | 16 Amp. | 11 - 16 A | 7,5 CV | 1.242 € |
| PYD1ARS25T4 | 400 v III+ N | 25 Amp. | 20 - 25 A | 12,5 CV | 1.343 € |
| PYD1ARS30T4 | 400 v III+ N | 30 Amp. | 24 - 32 A | 15 CV | 1.683 € |
| PYD1ARS37T4 | 400 v III+ N | 37 Amp. | 30 - 38 A | 20 CV | 2.097 € |
| PYD1ARS45T4 | 400 v III+ N | 45 Amp. | 37 - 50 A | 25 CV | 2.234 € |
| PYD1ARS60T4 | 400 v III+ N | 60 Amp. | 48 - 65 A | 30 CV | 2.472 € |
| PYD1ARS72T4 | 400 v III+ N | 72 Amp. | 62 - 80 A | 40 CV | 2.830 € |
| PYD1ARS85T4 | 400 v III+ N | 85 Amp. | 62 - 80 A | 50 CV | 3.318 € |
| PYD1ARS105T4 | 400 v III+ N | 105 Amp. | 80 - 104 A | 60 CV | 3.845 € |
| | | | | | |