



Czerweny[®]
SOMOS POTENCIA



LÍNEA

QJ 4"

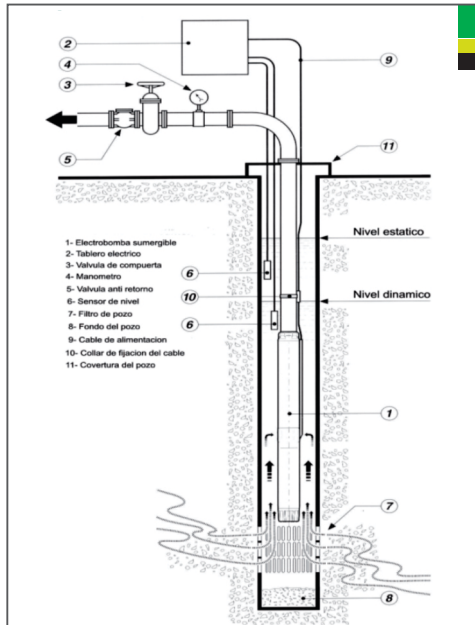
SUMERGIBLES PARA POZO PROFUNDO

- › Para instalación en perforaciones artesianas profundas de 4" 100 mm
- › Mayor relación presión potencia del motor
- › Completamente sumergibles
- › Motor intercambiable, Standard NEMA
- › Para suministro de agua en viviendas, presurización, instalaciones contra incendio e irrigación
- › Construcción bajo norma NEMA
- › Operación en servicio continuo
- › Máximo de 20 arranques por hora
- › Cubierta del motor bomba en acero inoxidable AISI 304
- › Impulsores y difusores de resinas termoplásticas
- › Motor monofásico o trifásico IP68, clase B
- › Modelos monofásicos con tablero de control auxiliar
- › Relé de protección térmica, llave de corte bipolar y cable con ficha IRAM 2073

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INSTALACIÓN DEL EQUIPO

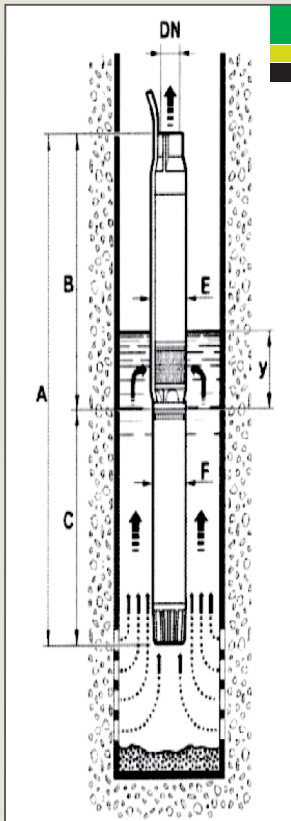
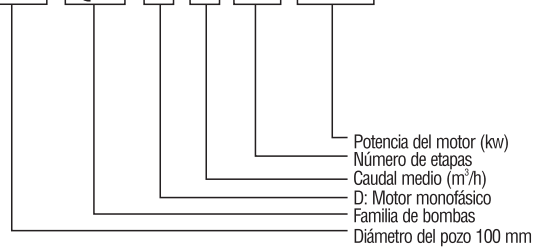


PRECAUCIONES DE USO

- » Concebidas para trabajar con aguas limpias y claras, con un contenido de sólidos de 25 gr/m²
- » Motor eléctrico completamente sumergible hasta una profundidad de 15 m en el líquido
- » Temperatura máxima del líquido a impulsar, 35°C
- » Tiempo de funcionamiento máximo con la válvula de compuerta cerrada (Q=0) 2 min
- » Posición de funcionamiento vertical únicamente, con un máximo permitido de 20 arranques hora.

CARACTERÍSTICAS Y MEDIDAS PRINCIPALES

100 QJ D 2 10-0.75



| MODELO | V | HP | MEDIDAS (mm) | | | | | | | Peso Kg |
|----------------|-----|------|--------------|------|-----|--------|----|----|---------|---------|
| | | | A | B | C | DN | E | F | Y (min) | |
| 100QJD208-0,55 | 220 | 0,75 | 723 | 377 | 346 | 1 1/4" | 98 | 93 | 90 | 12,3 |
| 100QJD210-0,75 | 220 | 1,00 | 799 | 429 | 371 | 1 1/4" | 98 | 93 | 90 | 14,0 |
| 100QJD214-1,1 | 220 | 1,50 | 921 | 530 | 391 | 1 1/4" | 98 | 93 | 90 | 15,7 |
| 100QJD316-1,5 | 220 | 2,00 | 1067 | 651 | 416 | 1 1/4" | 98 | 93 | 90 | 17,6 |
| 100QJD320-2,2 | 220 | 3,00 | 1212 | 771 | 441 | 1 1/4" | 98 | 93 | 90 | 18,5 |
| 100QJD324-2,2 | 220 | 3,00 | 1332 | 891 | 441 | 2" | 98 | 93 | 90 | 20,6 |
| 100QJD505-0,75 | 220 | 1,00 | 735 | 364 | 371 | 2" | 98 | 93 | 120 | 13,7 |
| 100QJD507-1,1 | 220 | 1,50 | 822 | 413 | 391 | 2" | 98 | 93 | 120 | 15,3 |
| 100QJD509-1,5 | 220 | 2,00 | 909 | 493 | 416 | 2" | 98 | 93 | 120 | 16,8 |
| 100QJD511-2,2 | 220 | 3,00 | 996 | 555 | 441 | 2" | 98 | 93 | 120 | 18,3 |
| 100QJD804-0,75 | 220 | 1,00 | 789 | 418 | 371 | 2" | 98 | 93 | 120 | 13,6 |
| 100QJD805-1,1 | 220 | 1,50 | 859 | 468 | 391 | 2" | 98 | 93 | 120 | 14,8 |
| 100QJD808-1,5 | 220 | 2,00 | 1033 | 617 | 416 | 2" | 98 | 93 | 120 | 22,0 |
| 100QJD811-2,2 | 220 | 3,00 | 1207 | 766 | 441 | 1 1/4" | 98 | 93 | 120 | 28,0 |
| 100QJ312-1,1 | 380 | 1,50 | 923 | 532 | 391 | 1 1/4" | 98 | 93 | 90 | 15,7 |
| 100QJ316-1,5 | 380 | 2,00 | 1067 | 651 | 416 | 1 1/4" | 98 | 93 | 90 | 17,6 |
| 100QJ320-2,2 | 380 | 3,00 | 1212 | 771 | 441 | 1 1/4" | 98 | 93 | 90 | 19,6 |
| 100QJ328-3 | 380 | 4,00 | 1508 | 1010 | 498 | 2" | 98 | 93 | 90 | 24,6 |
| 100QJ507-1,1 | 380 | 1,50 | 822 | 413 | 391 | 2" | 98 | 93 | 120 | 15,4 |
| 100QJ509-1,5 | 380 | 2,00 | 914 | 498 | 416 | 2" | 98 | 93 | 120 | 17,1 |
| 100QJ513-2,2 | 380 | 3,00 | 1111 | 670 | 441 | 2" | 98 | 93 | 120 | 19,7 |
| 100QJ519-3 | 380 | 4,00 | 1407 | 909 | 498 | 2" | 98 | 93 | 120 | 25,0 |
| 100QJ805-1,1 | 380 | 1,50 | 859 | 468 | 391 | 2" | 98 | 93 | 120 | 14,8 |
| 100QJ808-1,5 | 380 | 2,00 | 1033 | 617 | 416 | 2" | 98 | 93 | 120 | 16,4 |
| 100QJ811-2,2 | 380 | 3,00 | 1207 | 766 | 441 | 2" | 98 | 93 | 120 | 19,3 |

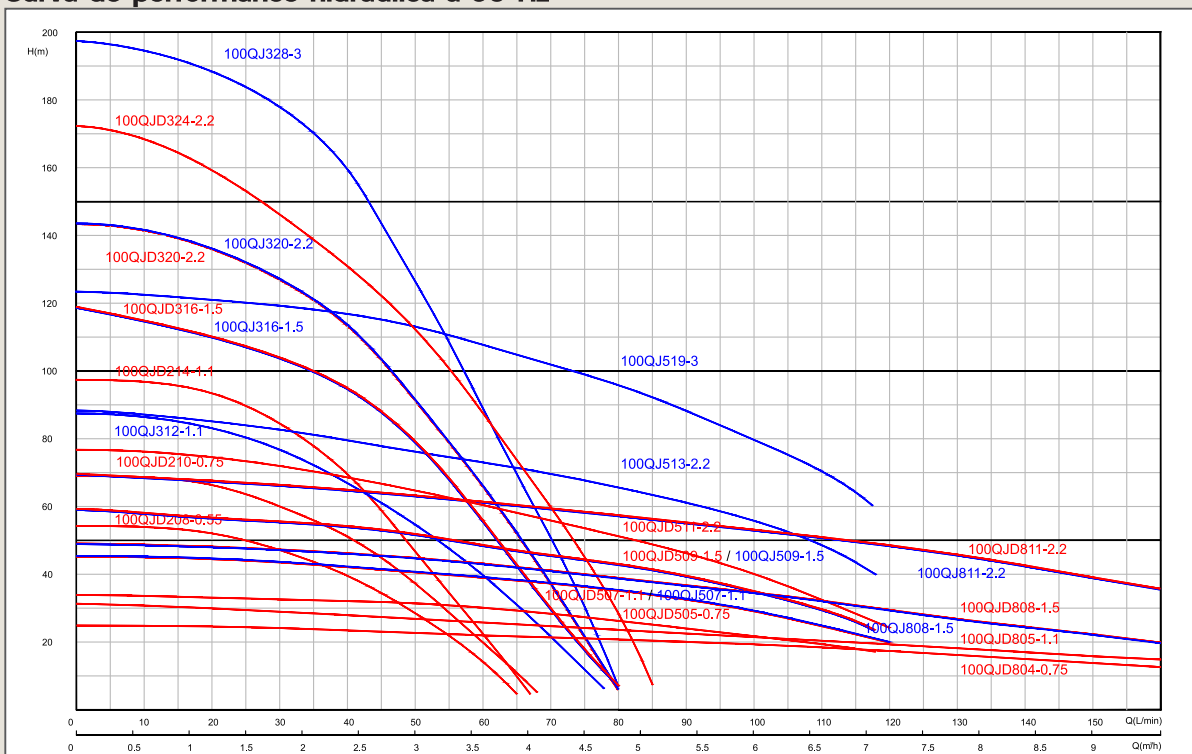
| TABLERO DE CONTROL EXTERNO PARA BOMBAS | KW | HP | CORRIENTE | CAPACITOR µFX450V | PROTECCIÓN SOBRECARGA | CARACTERÍSTICAS |
|---|------|------|-----------|-------------------|-----------------------|--|
| Provisto con los modelos de bombas con motor monofásico | 0,55 | 0,75 | 25 | 25 | 5A | 220 V 50Hz - 60 Hz Tablero grado protección Ip20 Capacitor permanente Tecla de encendido bipolar con neón incorporado Cable de conexión con ficha IRAM 2073 Protección contra sobrecargas de accionamiento automática y reposición manual |
| | 0,75 | 1 | 30 | 30 | 6A | |
| | 1,1 | 1,5 | 35 | 35 | 8A | |
| | 1,5 | 2 | 45 | 45 | 10A | |
| | 2,2 | 3 | 70 | 70 | 16A | |

Tabla de performance hidráulica a 50Hz

Alturas expresadas en m.c.a.

| MODELO | HP | Lts/min m³/h | Q-Caudal | | | | | | | | | | |
|----------------|------|-----------------|-----------|-----------|-----------|-----------|---------|-----------|-----------|----------|------------|------------|------------|
| | | | 10 0,6 | 20 1,2 | 30 1,8 | 40 2,4 | 50 3 | 60 3,6 | 80 4,8 | 100 6 | 120 7,2 | 140 8,4 | 150 9,6 |
| 100QJD208-0.55 | 0,75 | | 55,0 | 52,1 | 47,8 | 40,0 | 28,5 | 14,2 | | | | | |
| 100QJD210-0.75 | 1,00 | | 69,0 | 67,5 | 60,0 | 51,0 | 37,5 | 19,8 | | | | | |
| 100QJD214-1.1 | 1,50 | | 96,5 | 93,0 | 84,5 | 70,0 | 46,5 | 23,5 | | | | | |
| 100QJD316-1.5 | 2,00 | | 115,0 | 109,0 | 104,0 | 94,0 | 78,0 | 56,0 | 7,0 | | | | |
| 100QJD320-2.2 | 3,00 | | 141,0 | 138,0 | 128,0 | 114,0 | 91,0 | 65,0 | 7,0 | | | | |
| 100QJD324-2.2 | 3,00 | | 173,0 | 159,5 | 145,5 | 131,0 | 112,3 | 87,5 | 28,0 | | | | |
| 100QJD505-0.75 | 1,00 | | 34,0 | 33,5 | 32,5 | 31,8 | 31,0 | 30,0 | 26,0 | 22,0 | 16,5 | | |
| 100QJD507-1.1 | 1,50 | | 45,0 | 44,0 | 42,5 | 41,5 | 40,5 | 39,0 | 35,5 | 29,0 | 20,0 | | |
| 100QJD509-1.5 | 2,00 | | 58,5 | 57,5 | 56,0 | 54,0 | 51,0 | 48,0 | 43,0 | 35,0 | 22,0 | | |
| 100QJD511-2.2 | 3,00 | | 75,5 | 74,0 | 71,3 | 69,0 | 63,7 | 60,0 | 50,8 | 40,0 | 34,0 | | |
| 100QJD804-0.75 | 1,00 | H | 25,0 | 24,5 | 24,0 | 23,0 | 22,5 | 21,5 | 20,5 | 19,2 | 17,5 | 15,0 | 13,0 |
| 100QJD805-1.1 | 1,50 | | 31,0 | 30,0 | 29,2 | 28,5 | 27,5 | 26,5 | 24,0 | 21,5 | 19,2 | 16,5 | 15,2 |
| 100QJD808-1.5 | 2,00 | | 49,0 | 48,0 | 47,0 | 46,0 | 44,5 | 43,0 | 39,0 | 34,5 | 29,5 | 24,5 | 20,0 |
| 100QJD811-2.2 | 3,00 | | 67,6 | 66,1 | 64,8 | 63,4 | 62,4 | 61,2 | 57,1 | 53,5 | 48,1 | 42,0 | 35,0 |
| 100QJ312-1.1 | 1,50 | | 86,5 | 84,0 | 78,0 | 68,5 | 54,5 | 40,0 | 5,0 | | | | |
| 100QJ316-1.5 | 2,00 | | 115,0 | 109,0 | 104,0 | 94,0 | 78,0 | 56,0 | 7,0 | | | | |
| 100QJ320-2.2 | 3,00 | | 141,0 | 138,0 | 128,0 | 114,0 | 91,0 | 65,0 | 7,0 | | | | |
| 100QJ328-3 | 4,00 | | 195,0 | 188,0 | 178,0 | 160,0 | 126,0 | 89,0 | 8,0 | | | | |
| 100QJ507-1.1 | 1,50 | | 45,0 | 44,0 | 42,5 | 41,5 | 40,5 | 39,0 | 35,5 | 29,0 | 20,0 | | |
| 100QJ509-1.5 | 2,00 | | 58,5 | 57,5 | 56,0 | 54,0 | 51,0 | 48,0 | 43,0 | 35,0 | 22,0 | | |
| 100QJ513-2.2 | 3,00 | | 88,0 | 85,0 | 82,0 | 79,0 | 76,0 | 73,0 | 65,0 | 55,0 | 38,0 | | |
| 100QJ519-3 | 4,00 | | 123,0 | 121,0 | 119,0 | 117,0 | 112,0 | 107,0 | 96,0 | 79,0 | 57,0 | | |
| 100QJ805-1.1 | 1,50 | | 31,0 | 30,0 | 29,2 | 28,5 | 27,5 | 26,5 | 24,0 | 21,5 | 19,2 | 16,5 | 15,2 |
| 100QJ808-1.5 | 2,00 | | 49,0 | 48,0 | 47,0 | 46,0 | 44,5 | 43,0 | 39,0 | 34,5 | 29,5 | 24,5 | 20,0 |
| 100QJ811-2.2 | 3,00 | | 67,6 | 66,1 | 64,8 | 63,4 | 62,4 | 61,2 | 57,1 | 53,5 | 48,1 | 42,0 | 35,0 |

Curva de performance hidráulica a 50 Hz



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