

# SERIE BS

10BS, 15BS, 21BS, 30BS, 42BS, 54BS, 68BS, 80BS

BOMBAS SUMERGIBLES

# SERIE BS

10BS, 15BS, 21BS, 30BS, 42BS, 54BS, 68BS, 80BS

## ESPECIFICACIONES

Bombas con diseño altamente eficiente, en su construcción se emplean materiales de excelente calidad y resistencia. El maquinado de los componentes y el balanceo de impulsores extremadamente preciso, dan como resultado grandes rendimientos con rangos de eficiencias del 75% al 85%, ofreciéndole un ahorro significativo en el consumo de energía eléctrica.

### CARACTERÍSTICAS Y VENTAJAS

#### APLICACIONES

- \* Pozos profundos.
- \* Sistemas de riego.
- \* Suministros de agua a presión.

#### Materiales:

| Componentes          | Material                       |
|----------------------|--------------------------------|
| Tazón intermedio     | *Hierro fundido                |
| Tazón de descarga    | *Hierro dúctil en altas cargas |
| Adaptador de succión | Hierro dúctil                  |
| Impulsor             | Bronce                         |
| Eje de la bomba      | Acero inoxidable AISI 416      |
| Cople                |                                |
| Bujes estándar       | Bronce                         |
| Guardacable          | Acero inoxidable AISI 416      |

#### OPCIONES EN MATERIALES

##### ESPECIALES

- Impulsores en acero inoxidable.

#### PARA TRABAJO CONTINUO

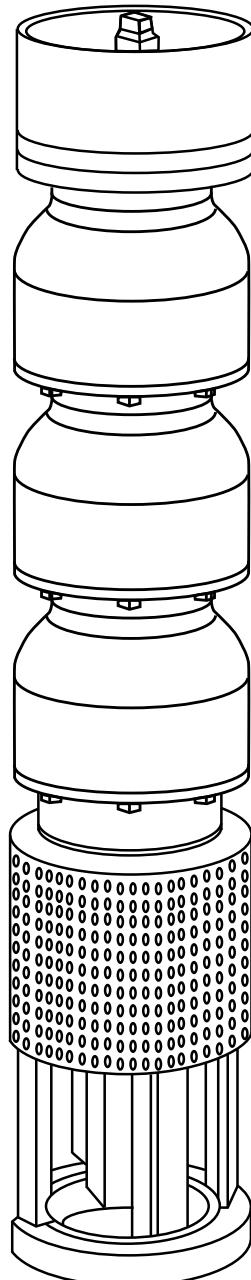
- Fundición de primera calidad.
- Maquinados extremadamente precisos.
- Materiales de alta resistencia.
- Balanceo de impulsores muy preciso.

#### ALTA EFICIENCIA

- Bombas con diseño altamente eficiente para obtener grandes rendimientos con bajo consumo de energía eléctrica.
- Eficiencias en rangos de 75% a 85%.

#### CONSTRUCCIÓN ROBUSTA

- Tazones en hierro gris. A partir de la serie 15BS los tazones cuentan con recubrimiento interno esmaltado para lograr mejores eficiencias y alta resistencia al desgaste.
- Impulsores en bronce.
- Eje de la bomba de grueso calibre en acero inoxidable 416.

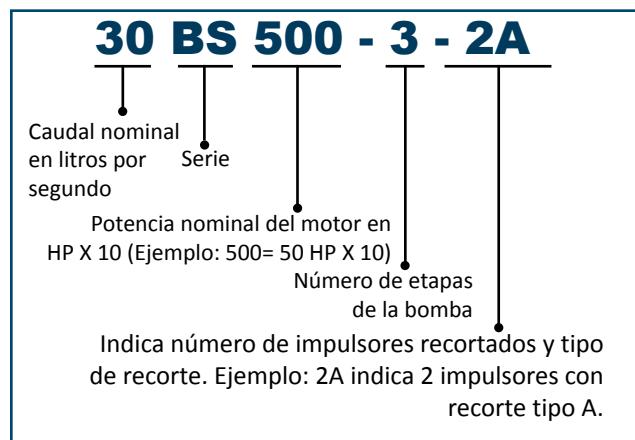


## Rango Altamira

Bombas sumergibles de 6" a 12".

Cada gráfica corresponde al rango de operación del modelo de bomba sumergible ALTAMIRA BS. Se recomienda seleccionar la bomba donde el gasto deseado se acerque lo más posible al gasto a máxima eficiencia de la curva.

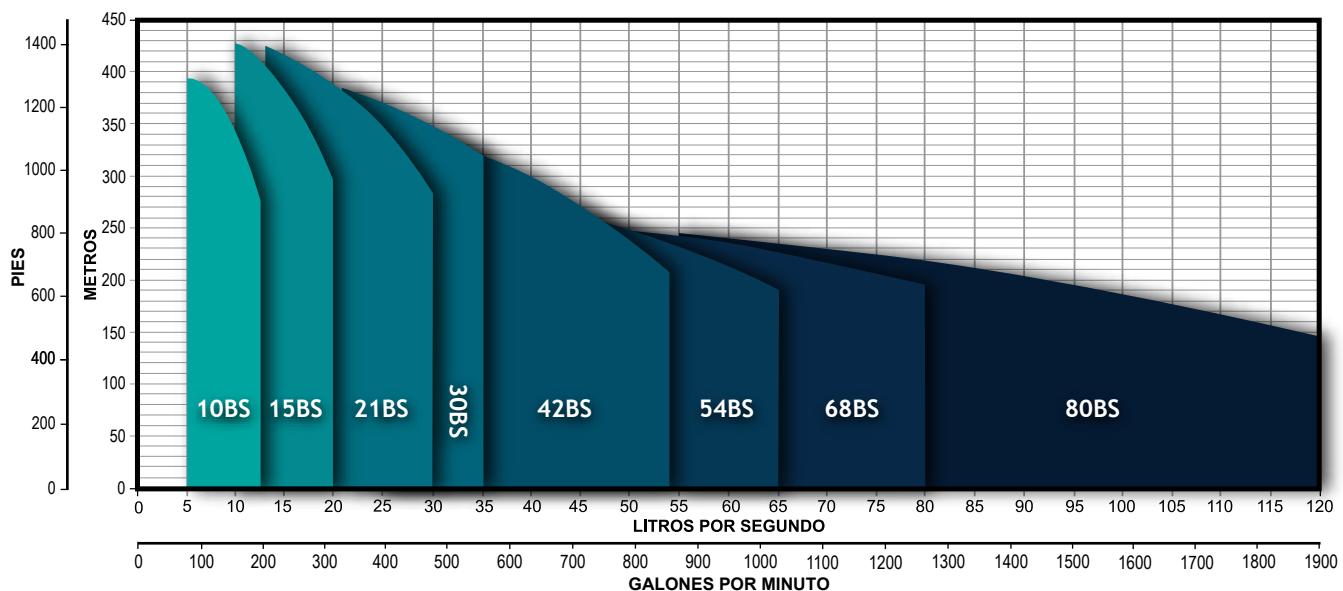
## CÓDIGO DE LA BOMBA



## TABLAS Y ESCALAS

| ADEME MÍNIMO | SERIE | CAUDAL NOMINAL |       | RANGO DE OPERACIÓN |          | RANGO DE POTENCIA HP |
|--------------|-------|----------------|-------|--------------------|----------|----------------------|
|              |       | LPS            | LPM   | GPM                | LPS      |                      |
| 6            | 10BS  | 10             | 600   | 79 - 198           | 5 - 12.5 | 7.5 - 75             |
| 8            | 15BS  | 15             | 900   | 158 - 317          | 10 - 20  | 7.5 - 100            |
| 8            | 21BS  | 21             | 1,260 | 206 - 475          | 13 - 30  | 10 - 150             |
| 8            | 30BS  | 30             | 1,800 | 332 - 554          | 21 - 35  | 15 - 200             |
| 8            | 42BS  | 42             | 2,520 | 475 - 855          | 30 - 54  | 20 - 200             |
| 10           | 54BS  | 54             | 3,240 | 396 - 1,030        | 25 - 65  | 30 - 200             |
| 10           | 68BS  | 68             | 4,080 | 396 - 1,268        | 25 - 80  | 50 - 250             |
| 12           | 80BS  | 80             | 4,800 | 871 - 1,902        | 55 - 120 | 75 - 300             |

Nota: Para aplicaciones especiales de aguas agresivas se puede considerar bujes especiales en caucho con camisa en acero al carbón o acero inoxidable. Favor de solicitar cotización especial que incluya dichos bujes en la bomba.



# SERIE 10BS

## BOMBAS SUMERGIBLES ALTAMIRA Serie 10BS

10 lps / 600 lpm / 158 gpm

Rango: 5 a 12.5 lps

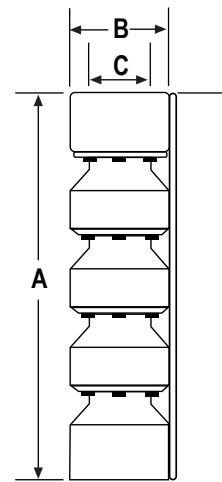
| CÓDIGO        | BHP MÁXIMO | HP NOMINAL | ACOPLAMIENTO NEMA DE LA BOMBA (PULGADAS) | RANGO DE CARGA (m) (min.- max) | MÁXIMA EFICIENCIA |               | DIMENSIONES |       |    | PESO APROX. (Kg) |
|---------------|------------|------------|--|--------------------------------|-------------------|---------------|-------------|-------|----|------------------|
|               |            |            |  |                                | CARGA (m)         | GASTO LPM/GPM | A           | B     | C  |                  |
| 10BS75-2      | 6.1        | 7.5        |  | 27 - 37                        | 32                |               | 22.88"      |       |    | 28.12            |
| 10BS100-3     | 9.1        | 10         |  | 39 - 56                        | 48                |               | 27.51"      |       |    | 34.02            |
| 10BS150-4-4   | 11.3       | 15         |  | 47 - 69                        | 60                |               | 32.14"      |       |    | 39.92            |
| 10BS150-4     | 12.3       | 15         |  | 52 - 76                        | 65                |               | 32.14"      |       |    | 39.92            |
| 10BS150-5-3   | 14.7       | 15         |  | 63 - 93                        | 78                |               | 36.77"      |       |    | 45.81            |
| 10BS150-5     | 15.4       | 15         |  | 66 - 95                        | 81                |               | 36.77"      |       |    | 45.81            |
| 10BS200-6-6   | 17.1       | 20         |  | 72 - 110                       | 90                |               | 41.4"       |       |    | 51.71            |
| 10BS200-6     | 18.4       | 20         |  | 79 - 114                       | 97                |               | 41.4"       |       |    | 51.71            |
| 10BS200-7-7   | 19.6       | 20         |  | 83 - 128                       | 106               |               | 46.03"      |       |    | 57.61            |
| 10BS200-7-3   | 20.8       | 20         |  | 89 - 131                       | 110               |               | 46.03"      |       |    | 57.61            |
| 10BS250-7     | 21.7       | 25         |  | 92 - 133                       | 114               |               | 46.03"      |       |    | 57.61            |
| 10BS250-8-8   | 22.6       | 25         |  | 96 - 147                       | 121               |               | 50.66"      |       |    | 63.5             |
| 10BS250-8-4   | 23.5       | 25         | 6"                                       | 101 - 149                      | 125               | 600 / 158     | 50.66"      | 5.64" | 3" | 63.5             |
| 10BS250-8     | 24.7       | 25         |  | 106 - 152                      | 129               |               | 50.66"      |       |    | 63.5             |
| 10BS300-9     | 27.3       | 30         |  | 118 - 171                      | 145               |               | 55.29"      |       |    | 69.4             |
| 10BS300-10    | 30.7       | 30         |  | 132 - 190                      | 161               |               | 59.92"      |       |    | 75.3             |
| 10BS400-11    | 33.8       | 40         |  | 145 - 209                      | 177               |               | 64.55"      |       |    | 81.19            |
| 10BS400-12    | 36.8       | 40         |  | 159 - 228                      | 194               |               | 69.18"      |       |    | 87.09            |
| 10BS400-13    | 39.8       | 40         |  | 172 - 247                      | 210               |               | 73.81"      |       |    | 92.99            |
| 10BS500-14    | 42.9       | 50         |  | 184 - 266                      | 225               |               | 78.44"      |       |    | 98.88            |
| 10BS500-15    | 46.1       | 50         |  | 198 - 285                      | 241               |               | 83.07"      |       |    | 104.78           |
| 10BS500-16    | 49.2       | 50         |  | 210 - 304                      | 253               |               | 87.70"      |       |    | 110.68           |
| 10BS500-17    | 52.1       | 50         |  | 224 - 323                      | 273               |               | 92.33"      |       |    | 116.57           |
| 10BS600-18    | 58.1       | 60         |  | 249 - 353                      | 303               |               | 96.96"      |       |    | 122.47           |
| *1 10BS600-19 | 61.3       | 60         |  | 264 - 373                      | 319               |               | 101.59"     |       |    | 128.37           |
| *2 10BS750-20 | 64.4       | 75         | 8"                                       | 275 - 393                      | 337               |               | 106.22"     |       |    | 134.26           |

\*1 Contiene 1 tazón y descarga en hierro dúctil

\*2 Contiene 2 tazones y descarga en hierro dúctil

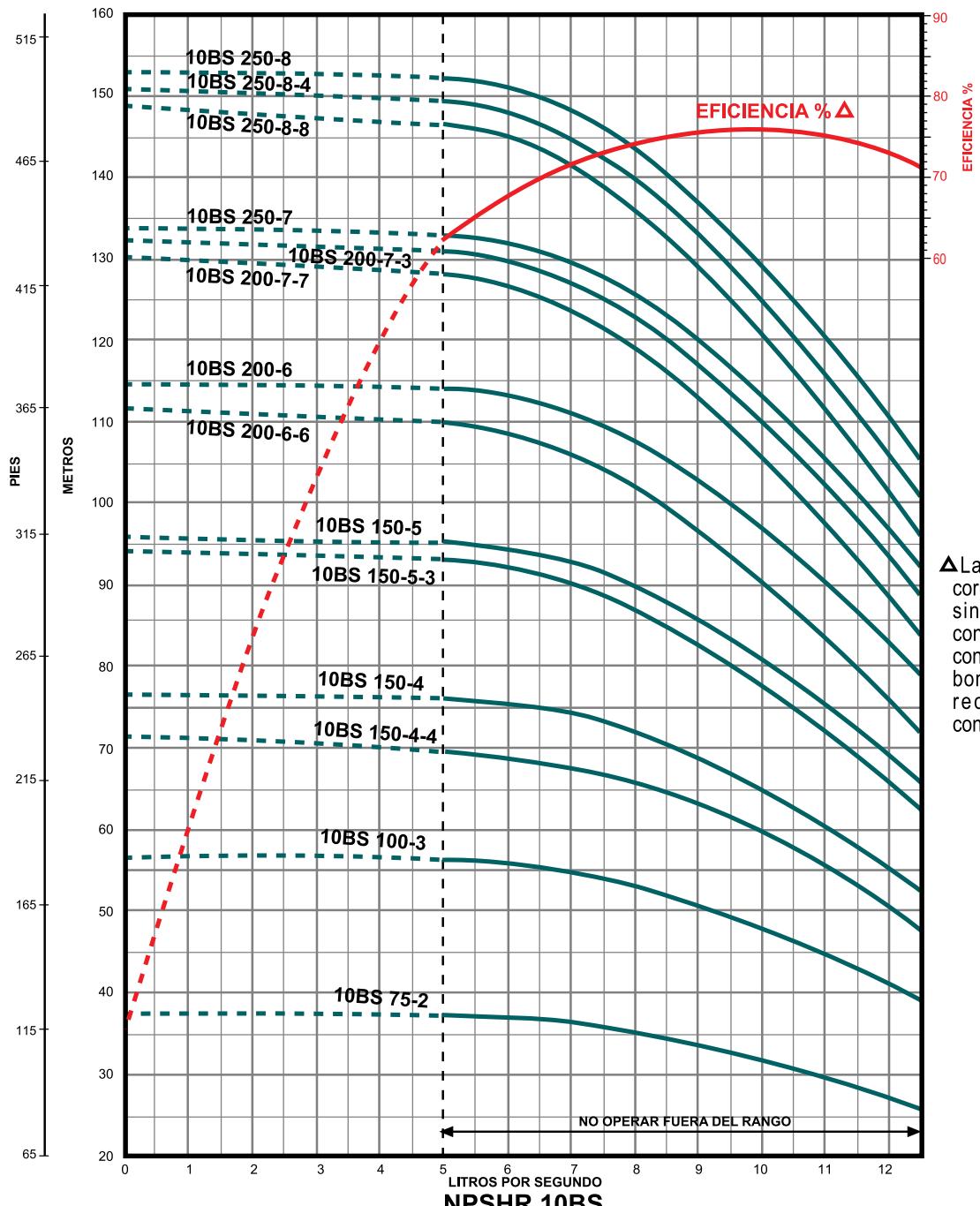
### NOTAS:

- La descarga de la bomba se surte en 3" NPT, con opción a 4" NPT sobre pedido.
- Los BHP máximos están calculados de acuerdo a las siguientes RPM nominales de los motores estándar (7.5 - 60 HP / 3470 RPM, acopladas a motor de 6"), (75-100 HP / 3480 RPM, acopladas a motor de 8"), (125 - 200 HP / 3510 RPM, acopladas a motor de 10"), (250 HP / 3540 RPM, acopladas a motor de 12"), (300 HP / 3535 RPM, acopladas a motor de 12").

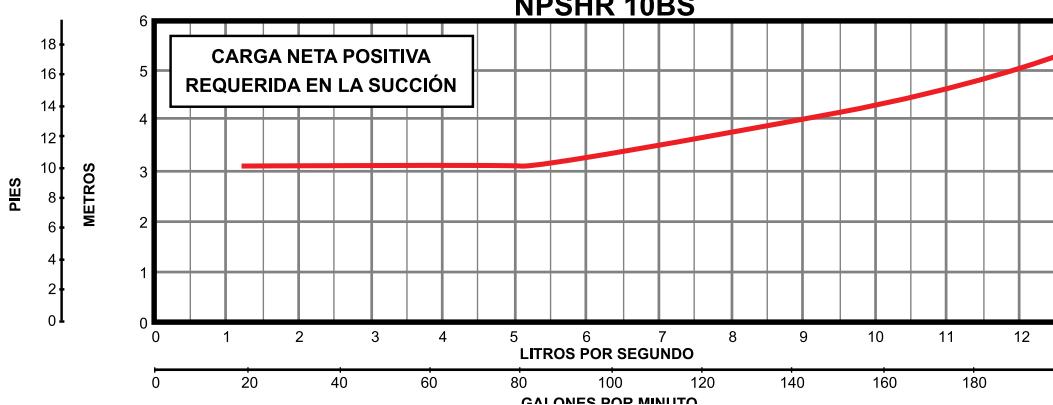


# SERIE 10BS

## 10 Ips / 600 lpm / 158 gpm

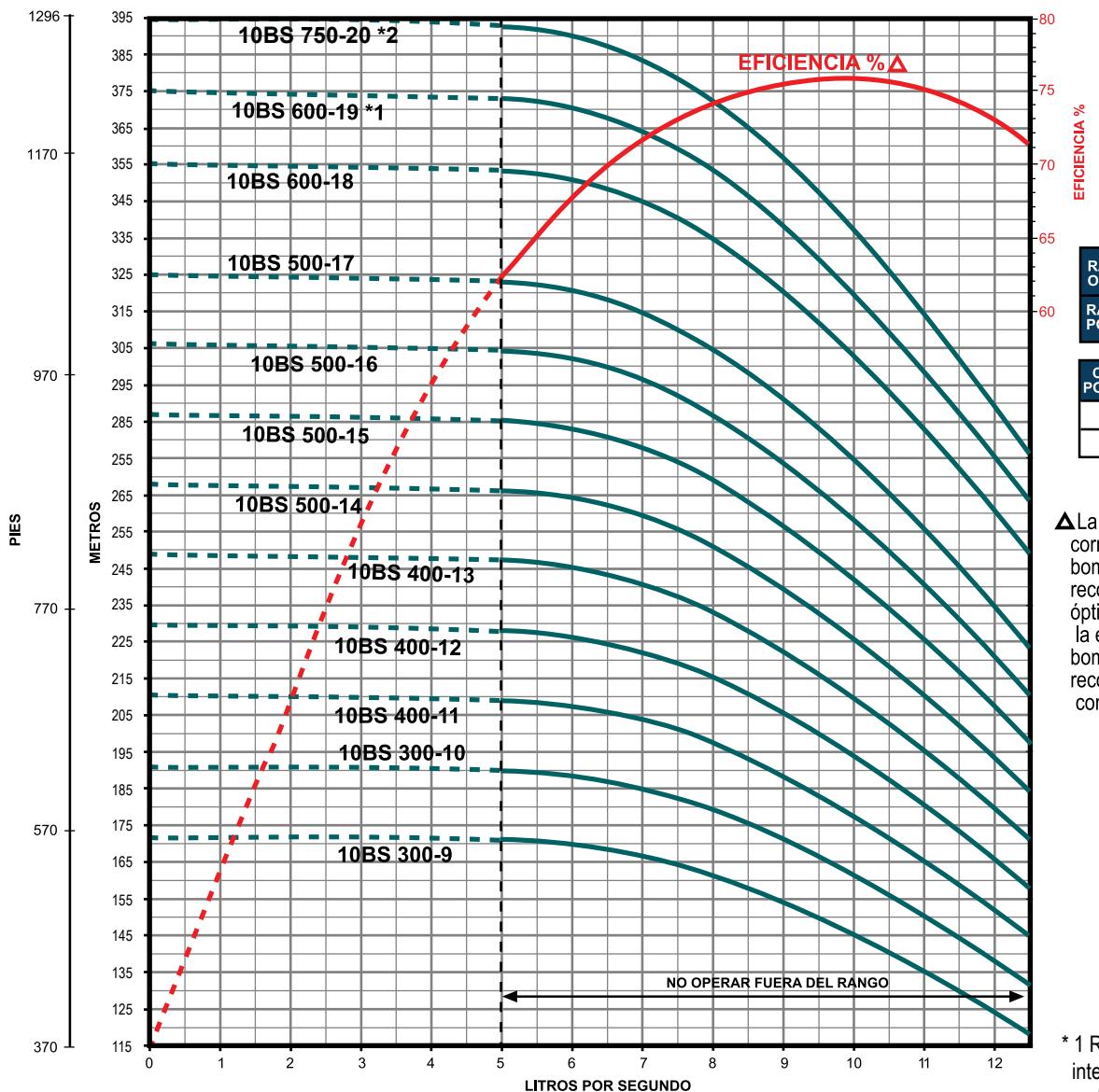


△ La eficiencia mostrada corresponde a las bombas sin ningún recorte en condiciones óptimas, para conocer la eficiencia de las bombas con impulsores recortados consultar con su proveedor.

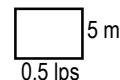


# SERIE 10BS

## 10 lps / 600 lpm / 158 gpm

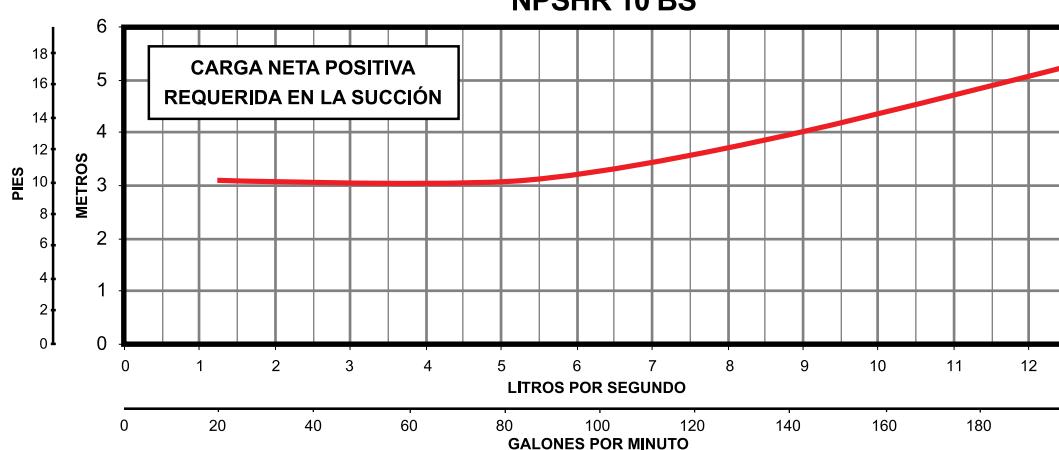


La eficiencia mostrada corresponde a las bombas sin ningún recorte en condiciones óptimas, para conocer la eficiencia de las bombas con impulsores recortados consultar con su proveedor.



\* 1 Requiere un tazón intermedio y descarga en hierro dúctil.

\* 2 Requiere dos tazones intermedios y descarga en hierro dúctil.



# SERIE 15BS

## BOMBAS SUMERGIBLES ALTAMIRA Serie 15BS

15 lps / 900 lpm / 237 gpm

Rango: 10 a 20 lps

| CÓDIGO         | BHP MÁXIMO | HP NOMINAL | ACOPLAMIENTO NEMA DE LA BOMBA (PULGADAS) | RANGO DE CARGA (m) (min.- max) | MÁXIMA EFICIENCIA |               | DIMENSIONES |       |    | PESO APROX. (kg) |
|----------------|------------|------------|--|--------------------------------|-------------------|---------------|-------------|-------|----|------------------|
|                |            |            |  |                                | CARGA (m)         | GASTO LPM/GPM | A           | B     | C  |                  |
| 15BS75-1       | 6.4        | 7.5        | 6"                                       | 18 - 23                        | 21                | 900 / 237     | 19.44"      | 6.28" | 3" | 24.95            |
| 15BS100-2-2A   | 9.6        | 10         |  | 27 - 42                        | 37                |               | 24.57"      |       |    | 32.66            |
| 15BS100-2-2    | 10.3       | 10         |  | 29 - 45                        | 39                |               | 24.57"      |       |    | 32.66            |
| 15BS150-2      | 11.7       | 15         |  | 33 - 48                        | 44                |               | 24.57"      |       |    | 32.66            |
| 15BS150-3-3    | 15.6       | 15         |  | 44 - 69                        | 59                |               | 29.7"       |       |    | 40.37            |
| 15BS200-3      | 17.8       | 20         |  | 49 - 72                        | 64                |               | 29.7"       |       |    | 40.37            |
| 15BS200-4-4    | 20.9       | 20         |  | 59 - 92                        | 78                |               | 34.83"      |       |    | 48.08            |
| 15BS250-4-2    | 22.4       | 25         |  | 64 - 94                        | 83                |               | 34.83"      |       |    | 48.08            |
| 15BS250-4      | 24.1       | 25         |  | 67 - 98                        | 86                |               | 34.83"      |       |    | 48.08            |
| 15BS250-5-5    | 25.9       | 25         |  | 73 - 115                       | 98                |               | 39.96"      |       |    | 55.79            |
| 15BS300-5      | 29.5       | 30         |  | 83 - 121                       | 107               |               | 39.96"      |       |    | 55.79            |
| 15BS400-6-3    | 33.4       | 40         |  | 93 - 142                       | 123               |               | 45.09"      |       |    | 63.5             |
| 15BS400-6      | 35.1       | 40         |  | 99 - 146                       | 128               |               | 45.09"      |       |    | 63.5             |
| 15BS400-7-7    | 36.2       | 40         |  | 102 - 161                      | 138               |               | 50.22"      |       |    | 71.21            |
| 15BS400-7-3    | 39         | 40         |  | 110 - 167                      | 144               |               | 50.22"      |       |    | 71.21            |
| 15BS400-7      | 41.5       | 40         | 8"                                       | 117 - 169                      | 149               |               | 50.22"      |       |    | 71.21            |
| 15BS400-8-8    | 41.5       | 40         |  | 117 - 184                      | 157               |               | 55.35"      |       |    | 78.93            |
| 15BS500-8-4    | 44.7       | 50         |  | 125 - 189                      | 163               |               | 55.35"      |       |    | 78.93            |
| 15BS500-8      | 46.9       | 50         |  | 133 - 194                      | 170               |               | 55.35"      |       |    | 78.93            |
| 15BS500-9-7    | 48.3       | 50         |  | 136 - 209                      | 180               |               | 60.48"      |       |    | 88.9             |
| 15BS600-9      | 58.6       | 60         |  | 165 - 226                      | 202               |               | 60.48"      |       |    | 88.9             |
| 15BS600-10     | 62.1       | 60         |  | 175 - 251                      | 221               |               | 65.61"      |       |    | 89               |
| 15BS600-10/8"  | 62.1       | 60         |  | 175 - 251                      | 221               |               | 65.61"      |       |    | 90               |
| 15BS750-11     | 68.5       | 75         |  | 192 - 275                      | 243               |               | 72.68"      |       |    | 104.33           |
| *1 15BS750-12  | 74.5       | 75         |  | 210 - 300                      | 266               |               | 77.81"      |       |    | 112.04           |
| *2 15BS1000-13 | 80.9       | 100        |  | 229 - 326                      | 288               |               | 82.94"      |       |    | 119.75           |
| *3 15BS1000-14 | 87         | 100        |  | 247 - 350                      | 310               |               | 88.07"      |       |    | 127.46           |
| *4 15BS1000-15 | 93         | 100        |  | 263 - 376                      | 331               |               | 93.20"      |       |    | 135.17           |
| *5 15BS1000-16 | 99.4       | 100        |  | 280 - 400                      | 353               |               | 98.33"      |       |    | 142.88           |
| *6 15BS1000-17 | 105        | 100        |  | 299 - 427                      | 375               |               | 103.46"     |       |    | 150.59           |

\*1 Contiene 1 tazón y descarga en hierro dúctil

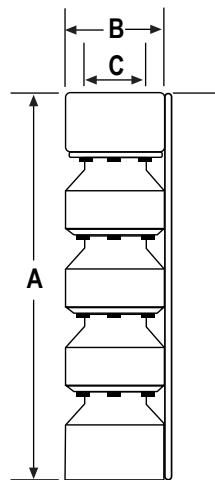
\*2 Contiene 2 tazones y descarga en hierro dúctil

\*3 Contiene 3 tazones y descarga en hierro dúctil

\*4 Contiene 4 tazones y descarga en hierro dúctil

\*5 Contiene 5 tazones y descarga en hierro dúctil

\*6 Contiene 6 tazones y descarga en hierro dúctil



## NOTA:

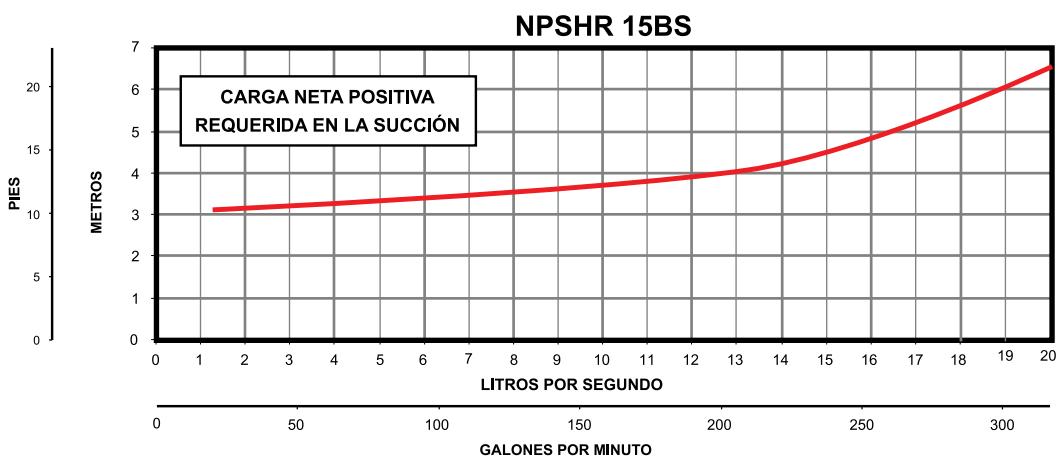
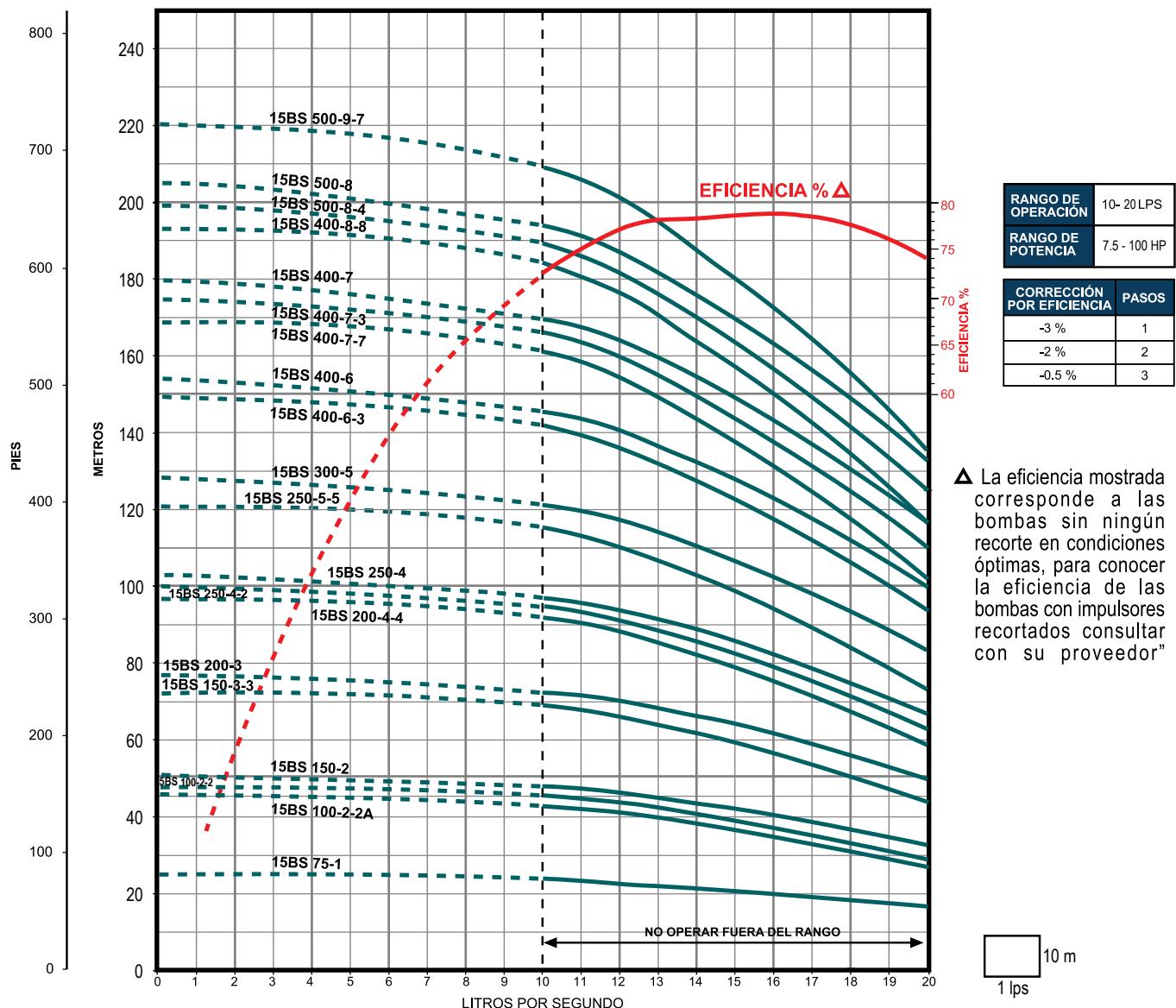
- La descarga de la bomba 15BS se surte en 3" NPT, con opción a 4" NPT sobre pedido.

## NOTA:

- Los BHP máximos están calculados de acuerdo a las siguientes RPM nominales de los motores estándar (7.5 - 60 HP / 3470 RPM, acopladas a motor de 6"), (75-100 HP / 3480 RPM, acopladas a motor de 8"), (125 - 200 HP / 3510 RPM, acopladas a motor de 10"), (250 HP / 3540 RPM, acopladas a motor de 12"), (300 HP / 3535 RPM, acopladas a motor de 12").

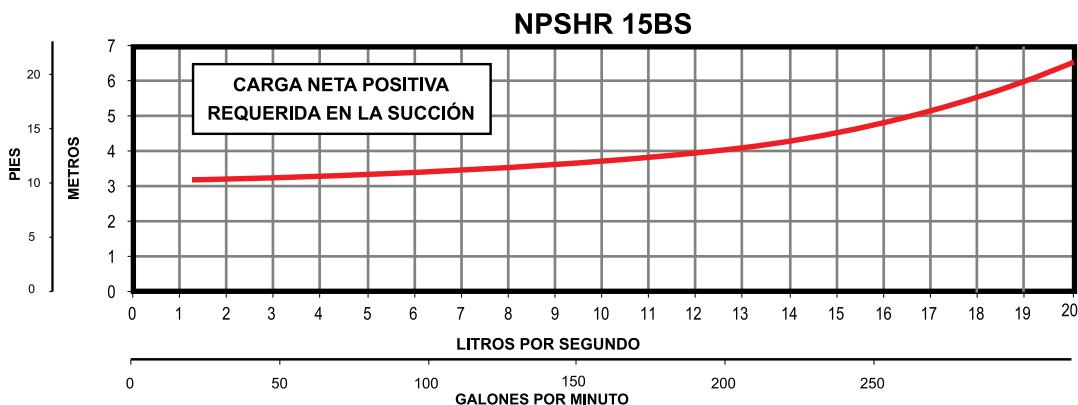
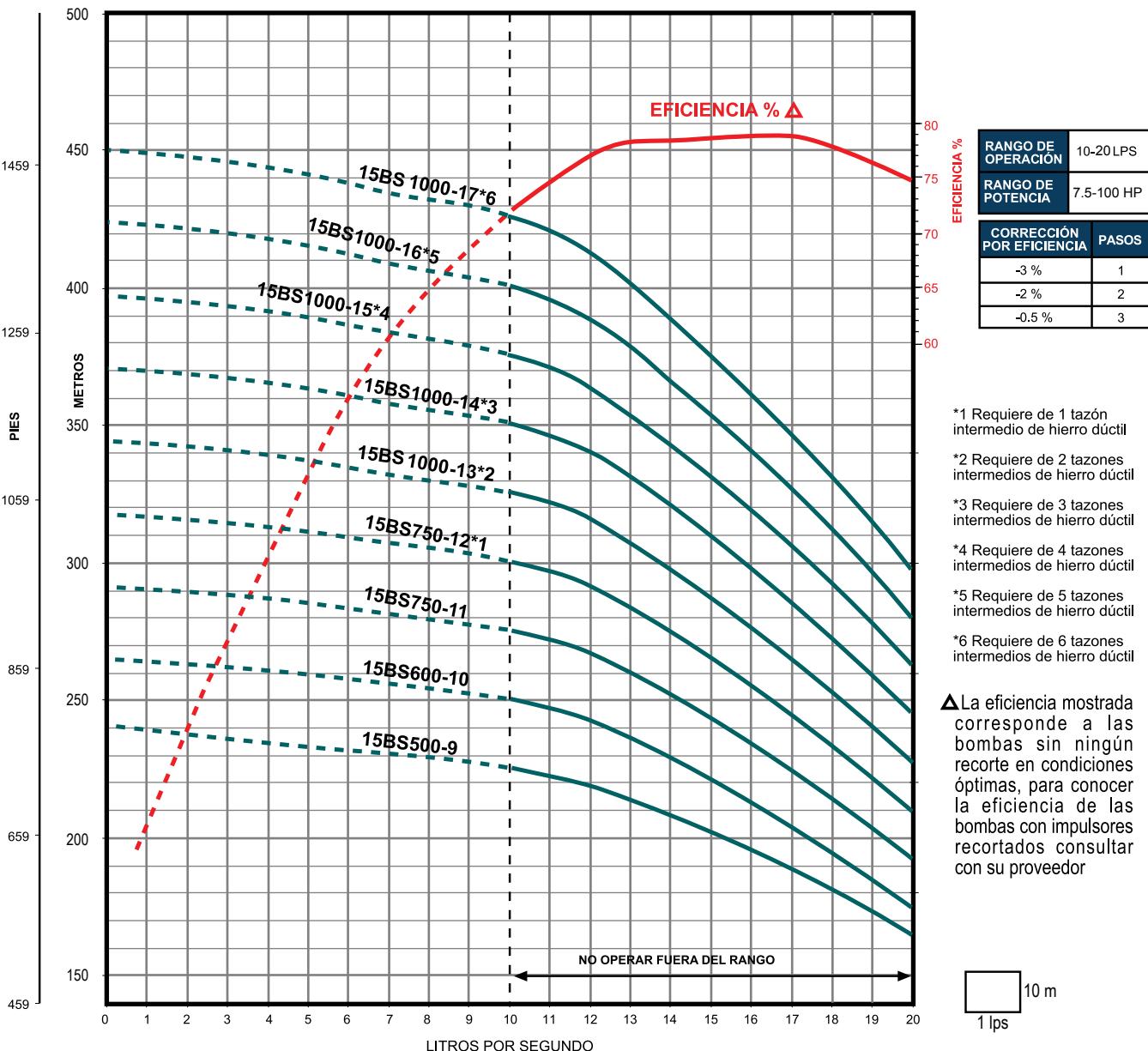
# SERIE 15BS

## 15 Ips / 900 lpm / 238 gpm



# SERIE 15BS

## 15 lps / 900 lpm / 238 gpm



ESPECIFICACIONES SUJETAS A CAMBIO SIN PREVIO AVISO

OPERAR FUERA DE RANGO CAUSA DAÑO MECÁNICO EN LA BOMBA Y ALTO CONSUMO DE ENERGÍA.

# SERIE 21BS

BOMBAS SUMERGIBLES ALTAMIRA Serie 21BS

21 lps / 1,260 lpm / 332 gpm

Rango: 13 a 30 lps

| CÓDIGO          | BHP MÁXIMO    | HP NOMINAL | ACOPLAMIENTO NEMA DE LA BOMBA (PULGADAS) | RANGO DE CARGA (m) (min.- max) | MÁXIMA EFICIENCIA |               | DIMENSIONES |      |    | PESO APROX. (Kg) |
|-----------------|---------------|------------|--|--------------------------------|-------------------|---------------|-------------|------|----|------------------|
|                 |               |            |  |                                | CARGA (m)         | GASTO LPM/GPM | A           | B    | C  |                  |
| 21BS100-1-1     | 10            | 10         | 6"                                       | 18 - 31                        | 23                | 1,260 / 332   | 22.89"      | 7.5" | 4" | 34.02            |
| 21BS150-1       | 11.4          | 15         |  | 22 - 33                        | 26                |               | 22.89"      |      |    | 34.02            |
| 21BS200-2-2A    | 16            | 20         |  | 28 - 53                        | 38                |               | 29.27"      |      |    | 46.72            |
| 21BS200-2-2     | 19.5          | 20         |  | 37 - 62                        | 47                |               | 29.27"      |      |    | 46.72            |
| 21BS250-2-1     | 21.3          | 25         |  | 41 - 64                        | 49                |               | 29.27"      |      |    | 46.72            |
| 21BS250-2       | 23.3          | 25         |  | 44 - 68                        | 53                |               | 29.27"      |      |    | 46.72            |
| 21BS250-3-3A    | 25.1          | 25         |  | 45 - 83                        | 59                |               | 35.65"      |      |    | 59.42            |
| 21BS300-3-2A    | 28.1          | 30         |  | 52 - 89                        | 67                |               | 35.65"      |      |    | 59.42            |
| 21BS300-3-3     | 29.8          | 30         |  | 57 - 94                        | 71                |               | 35.65"      |      |    | 59.42            |
| 21BS400-3-1     | 33.2          | 40         |  | 63 - 100                       | 78                |               | 35.65"      |      |    | 59.42            |
| 21BS400-4-3A    | 35.1          | 40         |  | 64 - 116                       | 84                |               | 42.03"      |      |    | 72.12            |
| 21BS400-4-4     | 40.2          | 40         |  | 76 - 126                       | 94                |               | 42.03"      |      |    | 72.12            |
| 21BS500-4-2     | 43            | 50         |  | 82 - 131                       | 101               |               | 42.03"      |      |    | 72.12            |
| 21BS500-4       | 45.7          | 50         |  | 89 - 138                       | 108               |               | 42.03"      |      |    | 72.12            |
| 21BS500-5-5     | 50.1          | 50         |  | 95 - 157                       | 119               |               | 48.41"      |      |    | 84.82            |
| 21BS600-5-2     | 58            | 60         |  | 110 - 172                      | 134               |               | 48.41"      |      |    | 84.82            |
| 21BS600-5       | 60.7          | 60         |  | 118 - 177                      | 140               |               | 48.41"      |      |    | 84.82            |
| 21BS750-6-1(8") | 71.5          | 75         |  | 138 - 209                      | 163               |               | 56.47"      |      |    | 102.97           |
| 21BS1000-7      | 86            | 100        |  | 166 - 249                      | 197               |               | 62.85"      |      |    | 115.67           |
| *1              | 21BS1000-8-4  | 91.2       | 100                                      | 8"                             | 176 - 271         | 211           | 69.23"      |      | 4" | 128.37           |
| *1              | 21BS1000-8    | 98.5       | 100                                      |                                | 190 - 283         | 224           | 69.23"      |      |    | 128.37           |
| *2              | 21BS1250-9    | 110.4      | 125                                      |                                | 212 - 318         | 253           | 75.61"      |      |    | 141              |
| *3              | 21BS1250-10-1 | 120.3      | 125                                      |                                | 232 - 350         | 278           | 81.99"      |      |    | 153.77           |
| *4              | 21BS1500-11   | 134.8      | 150                                      |                                | 260 - 390         | 309           | 88.37"      |      |    | 166.47           |
| *5              | 21BS1500-12   | 146.2      | 150                                      |                                | 282 - 425         | 338           | 94.75"      |      |    | 179.71           |

\*1 Contiene 1 tazón y descarga en hierro dúctil

\*2 Contiene 2 tazones y descarga en hierro dúctil

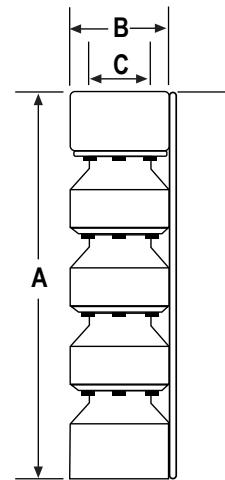
\*3 Contiene 3 tazones y descarga en hierro dúctil

\*4 Contiene 4 tazones y descarga en hierro dúctil

\*5 Contiene 5 tazones y descarga en hierro dúctil

**NOTA:**

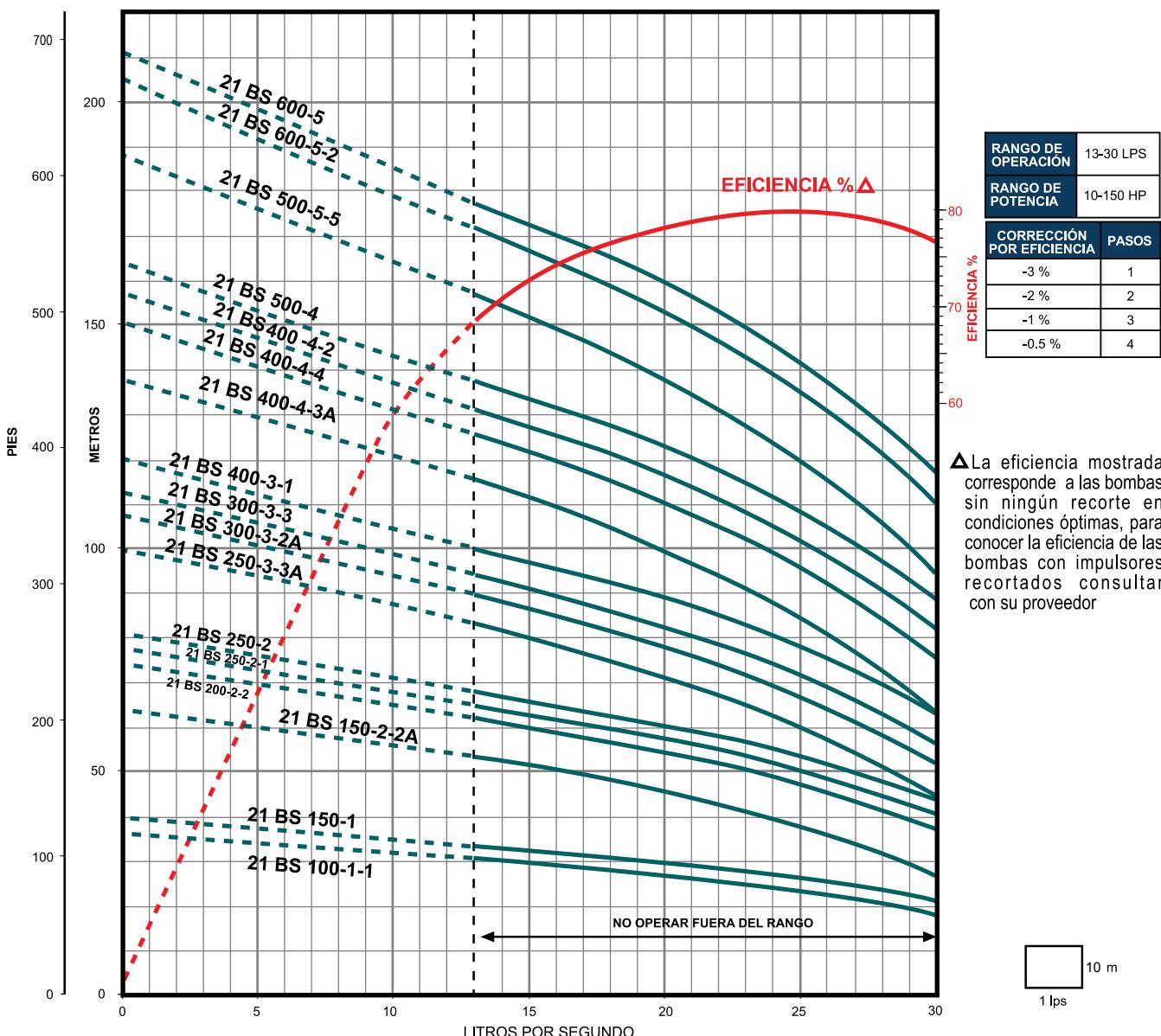
- Los BHP máximos están calculados de acuerdo a las siguientes RPM nominales de los motores estándar (7.5 - 60 HP / 3470 RPM, acopladas a motor de 6"), (75-100 HP / 3480 RPM, acopladas a motor de 8"), (125 - 200 HP / 3510 RPM, acopladas a motor de 10"), (250 HP / 3540 RPM, acopladas a motor de 12"), (300 HP / 3535 RPM, acopladas a motor de 12").

**NOTA:**

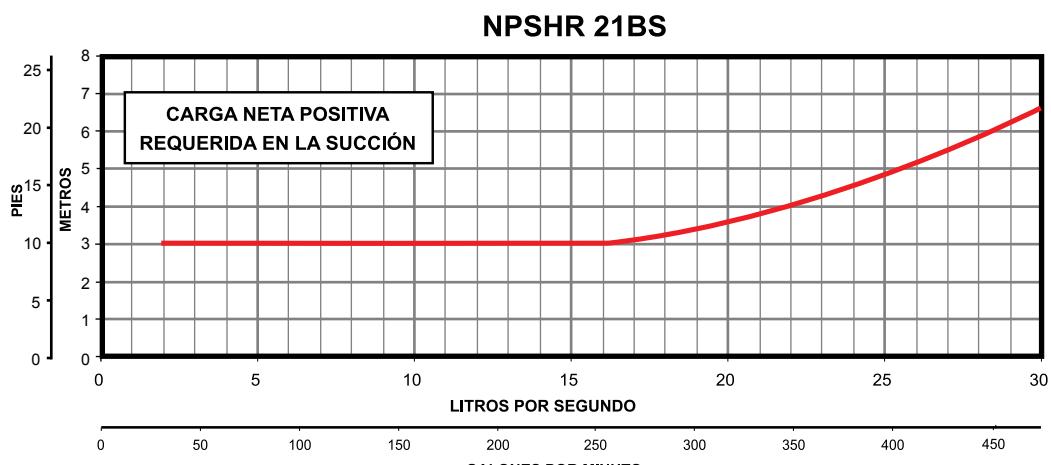
- La descarga de la bomba 21BS se surte en 4" NPT, con opción a 6" NPT sobre pedido.

# SERIE 21BS

## 21 lps / 1260 lpm / 333 gpm



▲ La eficiencia mostrada corresponde a las bombas sin ningún recorte en condiciones óptimas, para conocer la eficiencia de las bombas con impulsores recortados consultar con su proveedor



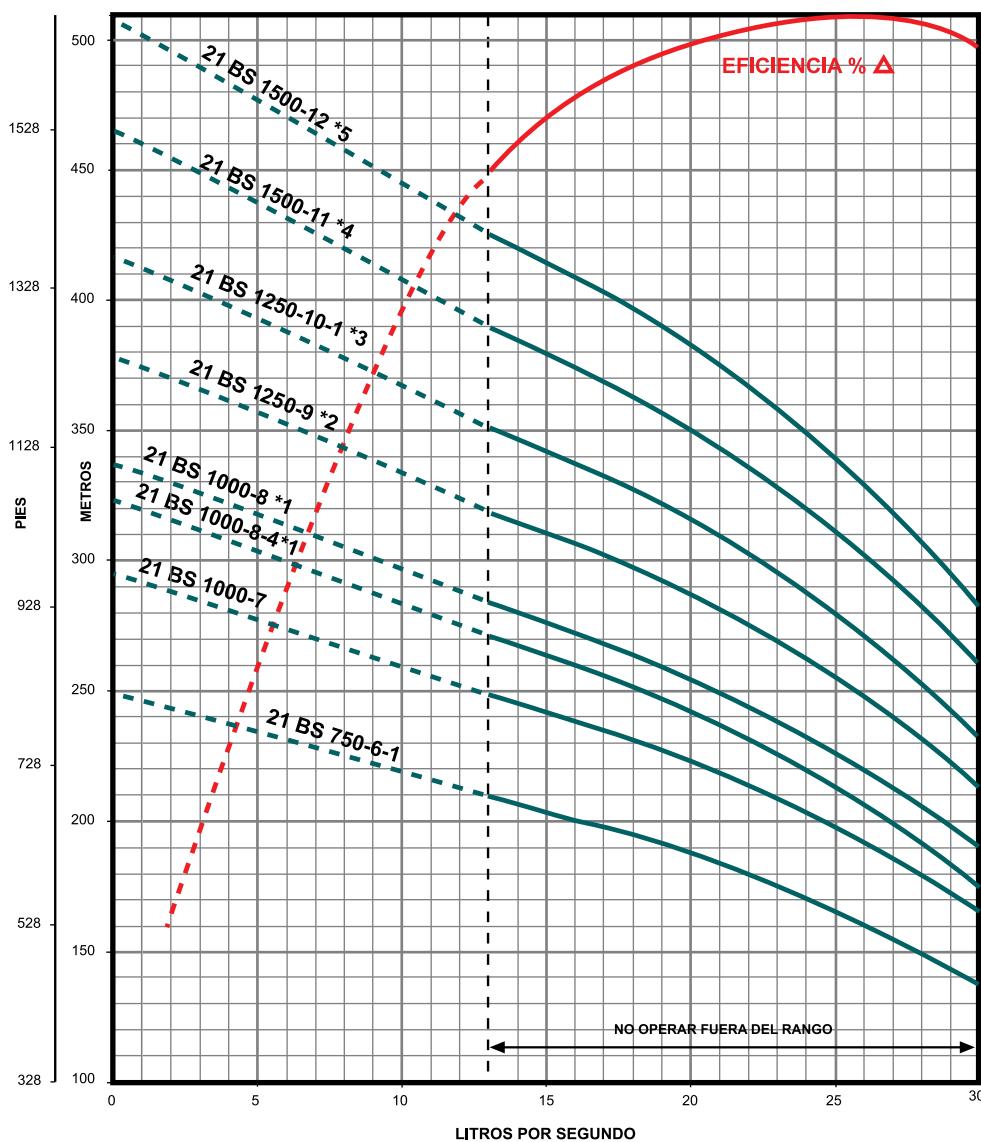
ESPECIFICACIONES SUJETAS A CAMBIO SIN PREVIO AVISO

OPERAR FUERA DE RANGO CAUSA DAÑO MECÁNICO EN LA BOMBA Y ALTO CONSUMO DE ENERGÍA.

# SERIE 21BS

## 21 lps / 1260 lpm / 333 gpm

ALTAMIRA



|                    |           |
|--------------------|-----------|
| RANGO DE OPERACIÓN | 13-30 LPS |
| RANGO DE POTENCIA  | 10-150 HP |

| CORRECCIÓN POR EFICIENCIA | PASOS |
|---------------------------|-------|
| -3 %                      | 1     |
| -2 %                      | 2     |
| -1 %                      | 3     |
| -0.5 %                    | 4     |

\*1 Requiere de 1 tazón intermedio de hierro dúctil

\*2 Requiere de 2 tazones intermedios de hierro dúctil

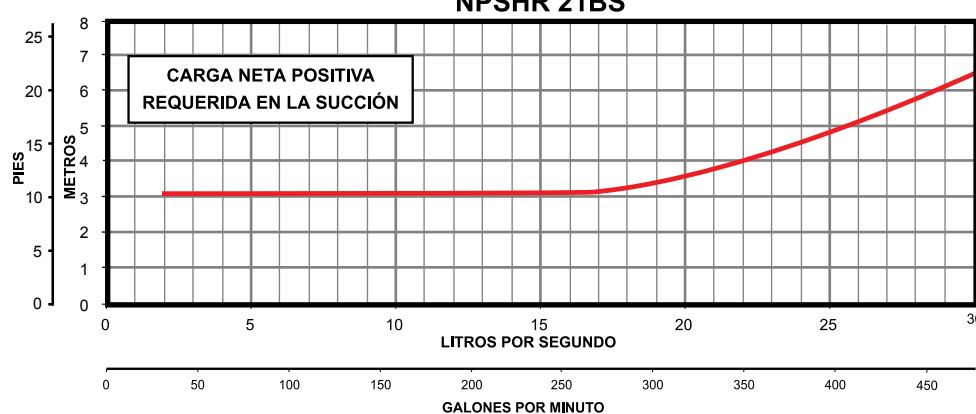
\*3 Requiere de 3 tazones intermedios de hierro dúctil

\*4 Requiere de 4 tazones intermedios de hierro dúctil

\*5 Requiere de 5 tazones intermedios de hierro dúctil



▲ La eficiencia mostrada corresponde a las bombas sin ningún recorte en condiciones óptimas, para conocer la eficiencia de las bombas con impulsores recortados consultar con su proveedor



ESPECIFICACIONES SUJETAS A CAMBIO SIN PREVIO AVISO

OPERAR FUERA DE RANGO CAUSA DAÑO MECÁNICO EN LA BOMBA Y ALTO CONSUMO DE ENERGÍA.

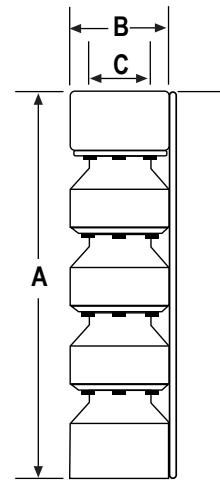
# SERIE 30BS

## BOMBAS SUMERGIBLES ALTAMIRA Serie 30BS

30 lps / 1,800 lpm / 475 gpm

Rango: 21 a 35 lps

| CÓDIGO       | BHP MÁXIMO    | HP NOMINAL | ACOPLAMIENTO NEMA DE LA BOMBA (PULGADAS) | RANGO DE CARGA (m) (min.- max) | MÁXIMA EFICIENCIA |               | DIMENSIONES |    |        | PESO APROX. (Kg) |
|--------------|---------------|------------|--|--------------------------------|-------------------|---------------|-------------|----|--------|------------------|
|              |               |            |  |                                | CARGA (m)         | GASTO LPM/GPM | A           | B  | C      |                  |
| 30BS150-1-1  | 14.1          | 15         | 6"                                       | 24 - 32                        | 27                | 1,800 / 475   | 7.5"        | 6" | 22.89" | 34.02            |
| 30BS200-1    | 16.9          | 20         |  | 29 - 36                        | 33                |               |             |    | 22.89" |                  |
| 30BS200-2-2A | 21            | 20         |  | 36 - 52                        | 43                |               |             |    | 29.27" |                  |
| 30BS300-2-2  | 29.1          | 30         |  | 49 - 64                        | 56                |               |             |    | 29.27" |                  |
| 30BS400-2-1  | 32            | 40         |  | 55 - 68                        | 62                |               |             |    | 29.27" |                  |
| 30BS400-2    | 34.9          | 40         |  | 61 - 78                        | 67                |               |             |    | 29.27" |                  |
| 30BS400-3-2A | 39            | 40         |  | 67 - 89                        | 77                |               |             |    | 35.65" |                  |
| 30BS500-3-3  | 43.6          | 50         |  | 75 - 97                        | 85                |               |             |    | 35.65" |                  |
| 30BS500-3-2  | 47.1          | 50         |  | 81 - 102                       | 91                |               |             |    | 35.65" |                  |
| 30BS500-3-1  | 52.4          | 50         |  | 90 - 110                       | 99                |               |             |    | 35.65" |                  |
| 30BS750-4-3  | 68.1          | 75         | 8"                                       | 116 - 142                      | 128               |               |             |    | 43.68" | 77.56            |
| 30BS750-4    | 74.5          | 75         |  | 128 - 152                      | 139               |               |             |    | 43.68" |                  |
| 30BS1000-5-4 | 79.1          | 100        |  | 137 - 171                      | 152               |               |             |    | 50.09" |                  |
| 30BS1000-5-2 | 86.1          | 100        |  | 148 - 181                      | 163               |               |             |    | 50.09" |                  |
| 30BS1000-5   | 93.1          | 100        |  | 160 - 192                      | 174               |               |             |    | 50.09" |                  |
| 30BS1000-6-4 | 98.3          | 100        |  | 169 - 210                      | 187               |               |             |    | 56.47" | 102.97           |
| 30BS1000-6-2 | 104.1         | 100        |  | 180 - 220                      | 198               |               |             |    | 56.47" |                  |
| 30BS1250-6   | 111.1         | 125        |  | 191 - 230                      | 209               |               |             |    | 56.47" |                  |
| 30BS1250-7-4 | 116.9         | 125        |  | 200 - 248                      | 222               |               |             |    | 62.85" | 102.97           |
| 30BS1250-7-2 | 122.8         | 125        |  | 211 - 258                      | 233               |               |             |    | 62.85" |                  |
| 30BS1250-7   | 130.3         | 125        |  | 224 - 268                      | 245               |               |             |    | 62.85" |                  |
| *1           | 30BS1500-8-4  | 135.6      | 150                                      | 232 - 287                      | 258               |               |             |    | 69.23" | 128.37           |
| *1           | 30BS1500-8-2  | 141.4      | 150                                      | 243 - 297                      | 269               |               |             |    | 69.23" | 128.37           |
| *1           | 30BS1500-8    | 149.5      | 150                                      | 255 - 307                      | 279               |               |             |    | 69.23" | 128.37           |
| *2           | 30BS1500-9-4  | 154.2      | 150                                      | 265 - 326                      | 292               |               |             |    | 75.61" | 141.07           |
| *2           | 30BS1750-9-2  | 160.6      | 175                                      | 277 - 334                      | 303               |               |             |    | 75.61" | 141.07           |
| *2           | 30BS1750-9    | 167.6      | 175                                      | 288 - 345                      | 313               |               |             |    | 75.61" | 141.07           |
| *3           | 30BS1750-10-4 | 171.6      | 175                                      | 297 - 362                      | 328               |               |             |    | 81.99" | 153.77           |
| *3           | 30BS1750-10-2 | 179.2      | 175                                      | 308 - 373                      | 338               |               |             |    | 81.99" | 153.77           |
| *3           | 30BS2000-10   | 185.6      | 200                                      | 319 - 383                      | 349               |               |             |    | 81.99" | 153.77           |



\*1 Contiene 1 tazón y descarga en hierro dúctil

\*2 Contiene 2 tazones y descarga en hierro dúctil

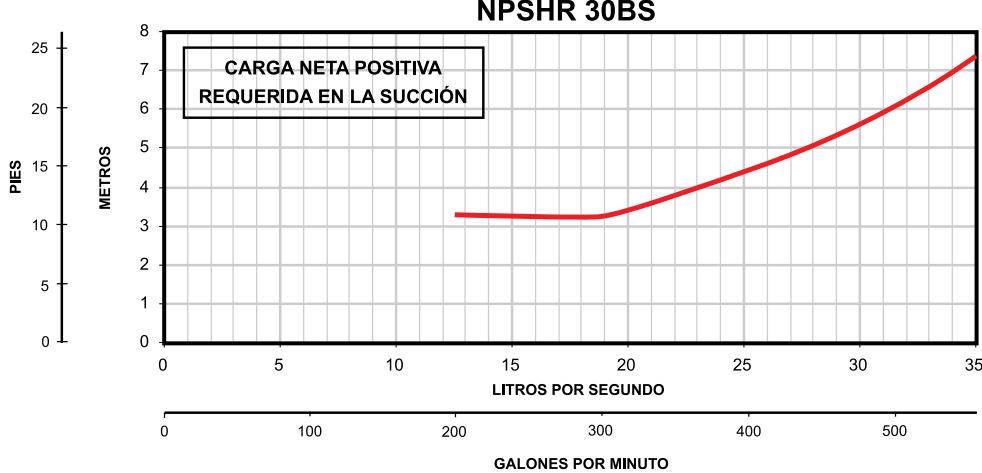
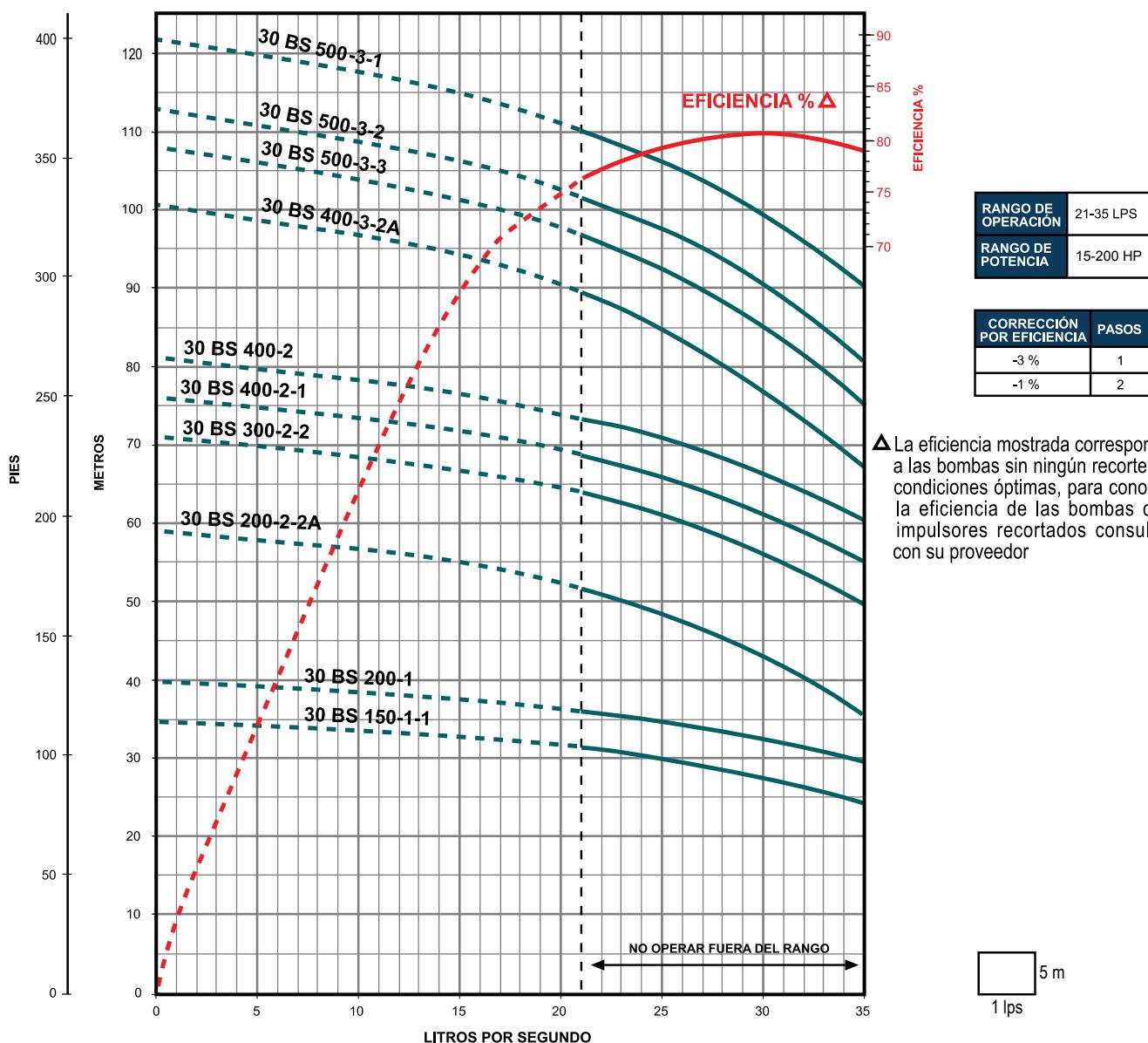
\*3 Contiene 3 tazones y descarga en hierro dúctil

**NOTA:**

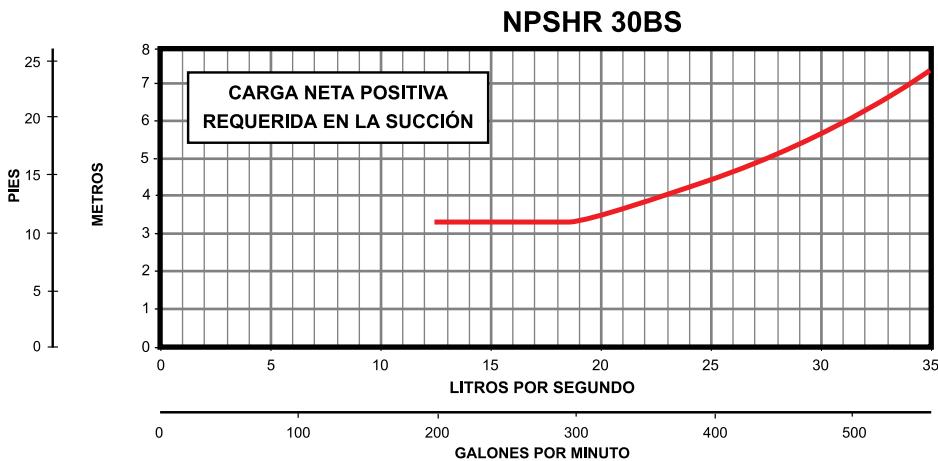
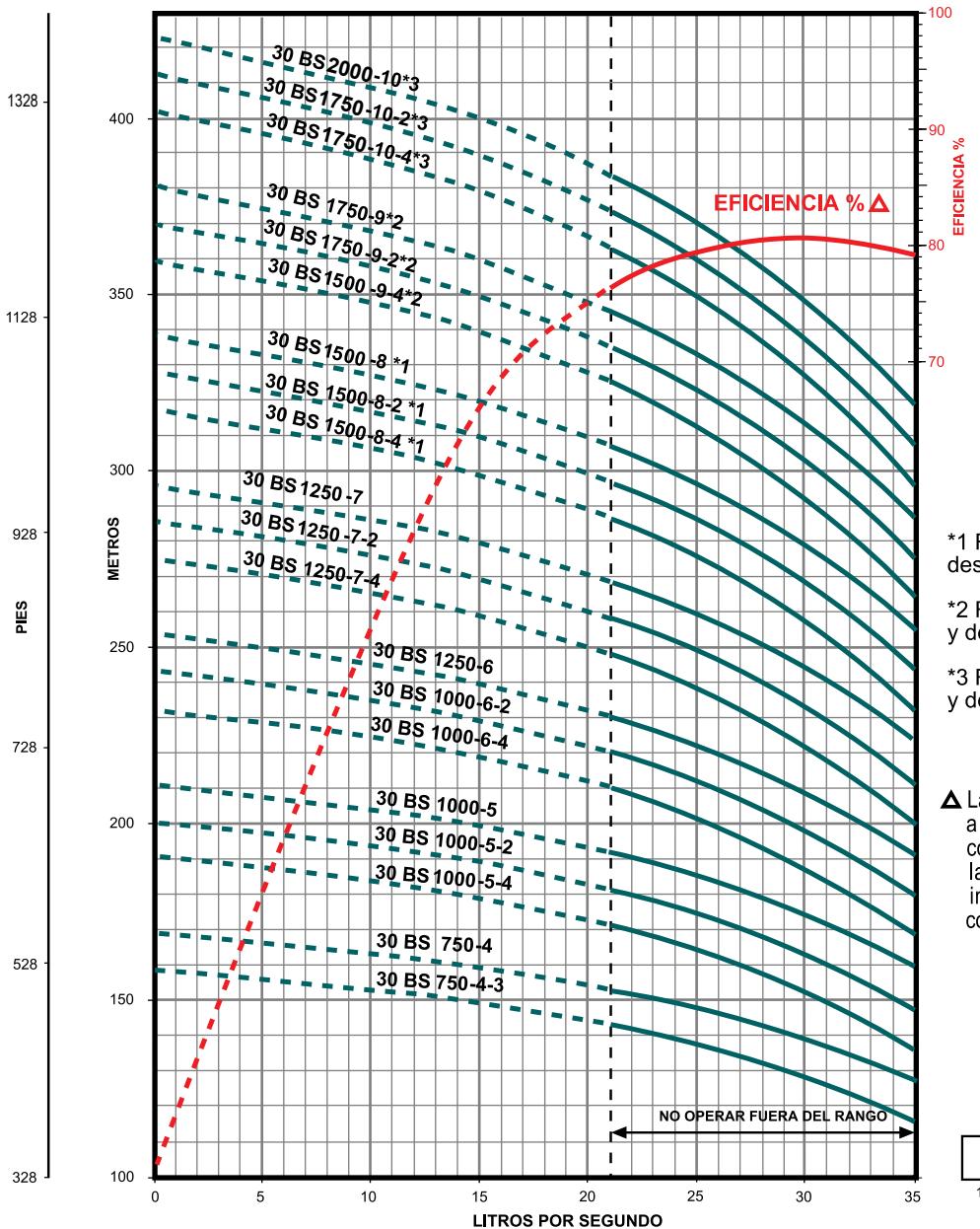
- Los BHP máximos están calculados de acuerdo a las siguientes RPM nominales de los motores estándar (7.5 - 60 HP / 3470 RPM, acopladas a motor de 6"), (75-100 HP / 3480 RPM, acopladas a motor de 8"), (125 - 200 HP / 3510 RPM, acopladas a motor de 10"), (250 HP / 3540 RPM, acopladas a motor de 12"), (300 HP / 3535 RPM, acopladas a motor de 12").

# SERIE 30BS

## 30 lps / 1800 lpm / 475 gpm



# SERIE 30BS 30 lps / 1800 lpm / 475 gpm



# SERIE 42BS

## BOMBAS SUMERGIBLES ALTAMIRA Serie 42BS

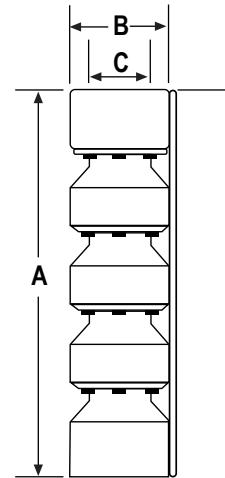
42 lps / 2,520 lpm / 665 gpm

Rango: 30 a 54 lps

| CÓDIGO       | BHP MÁXIMO  | HP NOMINAL | ACOPLAMIENTO NEMA DE LA BOMBA (PULGADAS) | RANGO DE CARGA (m) (min.- max) | MÁXIMA EFICIENCIA |               | DIMENSIONES |    |   | PESO APROX. (Kg) |
|--------------|-------------|------------|--|--------------------------------|-------------------|---------------|-------------|----|---|------------------|
|              |             |            |  |                                | CARGA (m)         | GASTO LPM/GPM | A           | B  | C |                  |
| 42BS200-1    | 19.3        | 20         | 6"                                       | 19 - 31                        | 27                | 23.01"        | 7.5"        | 6" | B | 40.8             |
| 42BS300-2-2A | 29          | 30         |  | 23 - 50                        | 42                | 29.51"        |             |    |   | 56.2             |
| 42BS400-2-2  | 32          | 40         |  | 29 - 57                        | 48                | 29.51"        |             |    |   | 56.2             |
| 42BS400-2    | 39.5        | 40         |  | 39 - 65                        | 57                | 29.51"        |             |    |   | 56.2             |
| 42BS500-3-2A | 48.1        | 50         |  | 41 - 83                        | 71                | 36.01"        |             |    |   | 71.6             |
| 42BS600-3-2  | 52.6        | 60         |  | 49 - 89                        | 77                | 36.01"        |             |    |   | 71.6             |
| 42BS600-3    | 62.8        | 60         |  | 62 - 100                       | 88                | 36.01"        |             |    |   | 71.6             |
| 42BS750-4-4  | 69.3        | 75         | 8"                                       | 63 - 117                       | 100               | 44.19"        | 2,520 / 665 | 6" | C | 92.5             |
| 42BS750-4-2  | 76.1        | 75         |  | 73 - 126                       | 109               | 44.19"        |             |    |   | 92.5             |
| 42BS1000-4   | 83.1        | 100        |  | 82 - 133                       | 118               | 44.19"        |             |    |   | 92.5             |
| 42BS1000-5-4 | 89.4        | 100        |  | 83 - 150                       | 129               | 50.69"        |             |    |   | 107.9            |
| 42BS1000-5-2 | 96.5        | 100        |  | 92 - 159                       | 139               | 50.69"        |             |    |   | 107.9            |
| 42BS1000-5   | 103.7       | 100        |  | 102 - 167                      | 148               | 50.69"        |             |    |   | 107.9            |
| 42BS1250-6-4 | 109.8       | 125        |  | 103 - 183                      | 160               | 57.19"        |             |    |   | 123.4            |
| 42BS1250-6-2 | 117.7       | 125        |  | 113 - 192                      | 169               | 57.19"        |             |    |   | 123.4            |
| 42BS1250-6   | 125.6       | 125        |  | 124 - 201                      | 177               | 57.19"        |             |    |   | 123.4            |
| 42BS1250-7-4 | 131         | 125        |  | 125 - 218                      | 189               | 63.69"        |             |    |   | 138.8            |
| 42BS1500-7-2 | 138.8       | 150        |  | 137 - 227                      | 198               | 63.69"        |             |    |   | 138.8            |
| 42BS1500-7   | 146.9       | 150        |  | 144 - 236                      | 207               | 63.69"        |             |    |   | 138.8            |
| 42BS1500-8-4 | 151.4       | 150        |  | 148 - 251                      | 219               | 70.19"        |             |    |   | 154.2            |
| 42BS1750-8-2 | 159         | 175        |  | 157 - 261                      | 228               | 70.19"        |             |    |   | 154.2            |
| 42BS1750-8   | 167.1       | 175        |  | 167 - 269                      | 237               | 70.19"        |             |    |   | 154.2            |
| *1           | 42BS2000-9  | 190.4      | 200                                      | 188 - 302                      | 267               | 76.69"        |             |    |   | 169.6            |
| *2           | 42BS2000-10 | 210        | 200                                      | 208 - 338                      | 295               | 83.19"        |             |    |   | 185              |

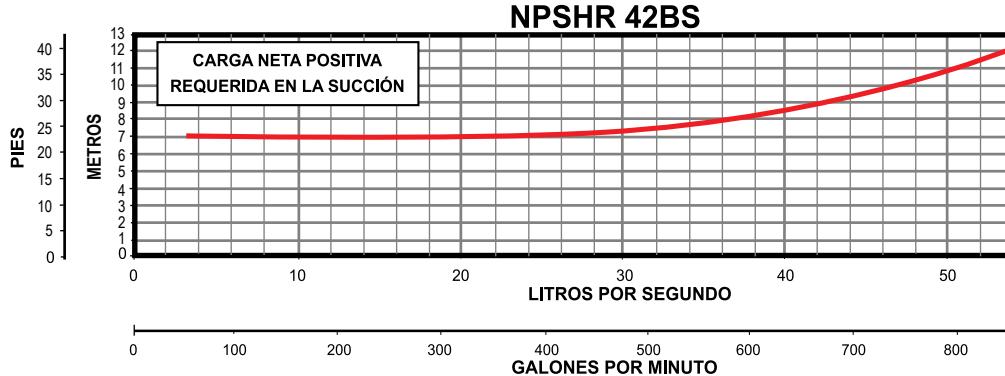
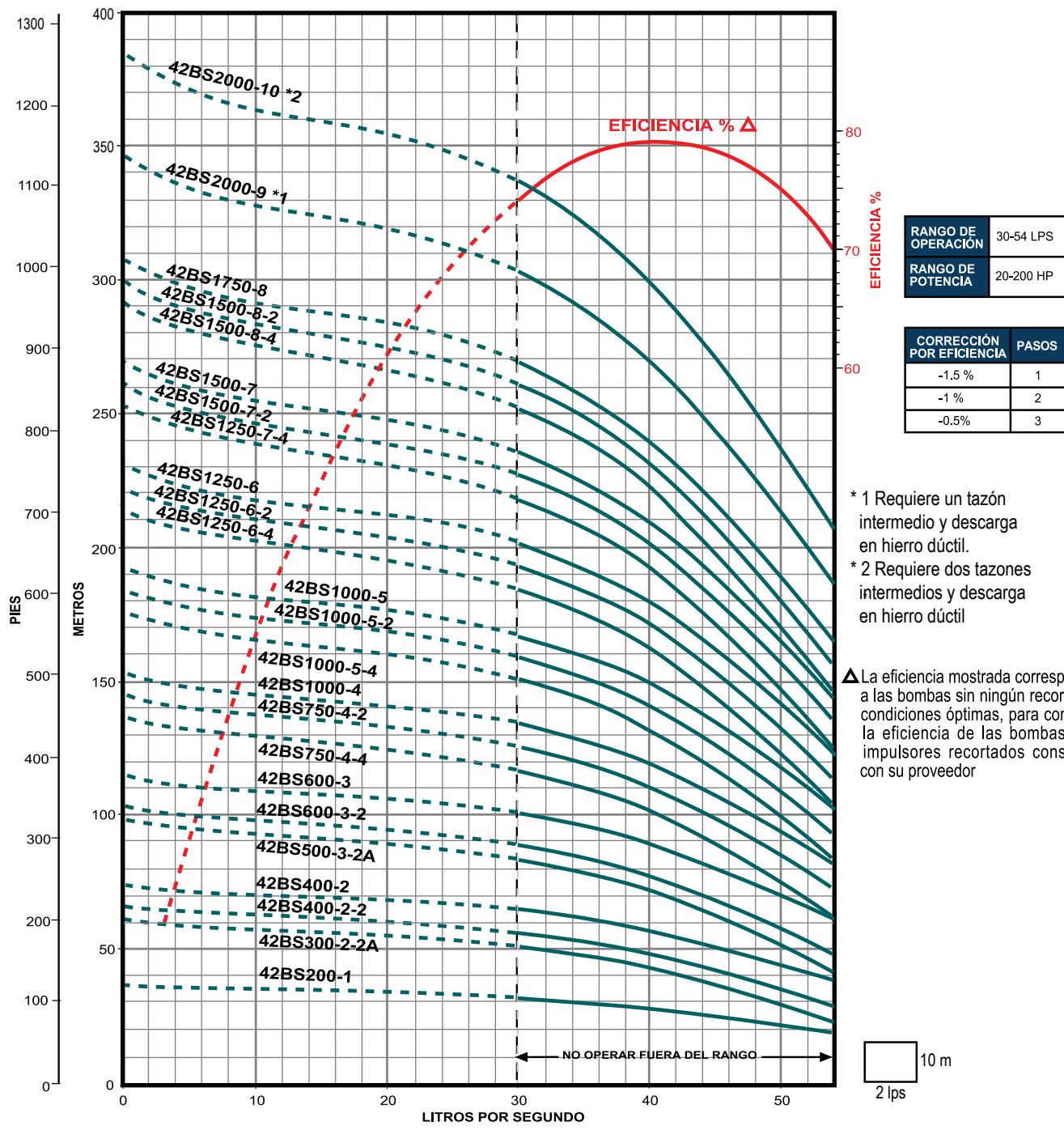
\*1 Contiene 1 tazón y descarga en hierro dúctil

\*2 Contiene 2 tazones y descarga en hierro dúctil

**NOTA:**

- Los BHP máximos están calculados de acuerdo a las siguientes RPM nominales de los motores estándar (7.5 - 60 HP / 3470 RPM, acopladas a motor de 6"), (75-100 HP / 3480 RPM, acopladas a motor de 8"), (125 - 200 HP / 3510 RPM, acopladas a motor de 10"), (250 HP / 3540 RPM, acopladas a motor de 12"), (300 HP / 3535 RPM, acopladas a motor de 12").

ALTAMIRA

**SERIE 42BS****42 lps / 2520 lpm / 667 gpm**

# SERIE 54BS

## BOMBAS SUMERGIBLES ALTAMIRA Serie 54BS

54 lps / 3,240 lpm / 856 gpm

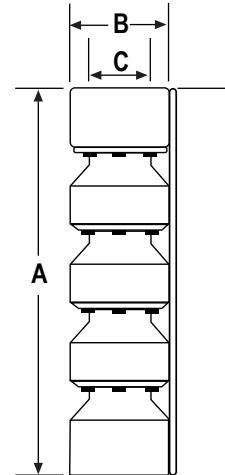
Rango: 25 a 65 lps

| CÓDIGO          | BHP MÁXIMO | HP NOMINAL | ACOPLAMIENTO NEMA DE LA BOMBA (PULGADAS) | RANGO DE CARGA (m) (min.- max) | MÁXIMA EFICIENCIA |               | DIMENSIONES |      |    | PESO APROX. (Kg) |
|-----------------|------------|------------|--|--------------------------------|-------------------|---------------|-------------|------|----|------------------|
|                 |            |            |  |                                | CARGA (m)         | GASTO LPM/GPM | A           | B    | C  |                  |
| 54BS300-1-1     | 29.4       | 30         | 6"                                       | 29 - 48                        | 37                | 3,240 / 856   | 28.13"      | 9.8" | 6" | 88               |
| 54BS400-1       | 38.9       | 40         |  | 35 - 57                        | 46                |               | 28.13"      |      |    | 88               |
| 54BS600-2-2     | 61.4       | 60         |  | 63 - 100                       | 78                |               | 34.75"      |      |    | 122.47           |
| 54BS750-2-1     | 70.9       | 75         |  | 65 - 110                       | 87                |               | 34.75"      |      |    | 122.47           |
| 54BS1000-2      | 79.7       | 100        | 8"                                       | 75 - 120                       | 98                |               | 34.75"      |      |    | 122.47           |
| 54BS1000-3-3    | 92.8       | 100        |  | 95 - 152                       | 117               |               | 43.25"      |      |    | 151.5            |
| 54BS1000-3-2    | 99.7       | 100        |  | 90 - 161                       | 127               |               | 43.25"      |      |    | 151.5            |
| 54BS1250-3-1    | 111.1      | 125        |  | 104 - 171                      | 137               |               | 43.25"      |      |    | 151.5            |
| 54BS1250-3      | 120.6      | 125        |  | 113 - 180                      | 147               |               | 43.25"      |      |    | 151.5            |
| 54BS1250-4-4    | 123.7      | 125        |  | 129 - 203                      | 156               |               | 51.75"      |      |    | 180.53           |
| 54BS1500-4-3    | 132.4      | 150        |  | 129 - 213                      | 166               |               | 51.75"      |      |    | 180.53           |
| 54BS1500-4-2    | 142.4      | 150        |  | 130 - 221                      | 176               |               | 51.75"      |      |    | 180.53           |
| 54BS1500-4-1    | 153.8      | 150        |  | 142 - 231                      | 186               |               | 51.75"      |      |    | 180.53           |
| 54BS1750-4      | 163.3      | 175        |  | 151 - 241                      | 197               |               | 51.75"      |      |    | 180.53           |
| *1 54BS1750-5-4 | 163.5      | 175        |  | 170 - 264                      | 205               |               | 60.25"      |      |    | 209.56           |
| *1 54BS1750-5-3 | 173.7      | 175        |  | 170 - 273                      | 215               |               | 60.25"      |      |    | 209.56           |
| *1 54BS2000-5-2 | 184.2      | 200        |  | 170 - 283                      | 225               |               | 60.25"      |      |    | 209.56           |
| *1 54BS2000-5-1 | 194.6      | 200        |  | 180 - 292                      | 235               |               | 60.25"      |      |    | 209.56           |
| 54BS2000-5      | 201.1      | 200        |  | 190 - 301                      | 246               |               | 60.25"      |      |    | 209.56           |

\*1 Contiene 1 tazón y descarga en hierro dúctil

### NOTA:

- Los BHP máximos están calculados de acuerdo a las siguientes RPM nominales de los motores estándar (7.5 - 60 HP / 3470 RPM, acopladas a motor de 6"), (75-100 HP / 3480 RPM, acopladas a motor de 8"), (125 - 200 HP / 3510 RPM, acopladas a motor de 10"), (250 HP / 3540 RPM, acopladas a motor de 12"), (300 HP / 3535 RPM, acopladas a motor de 12").



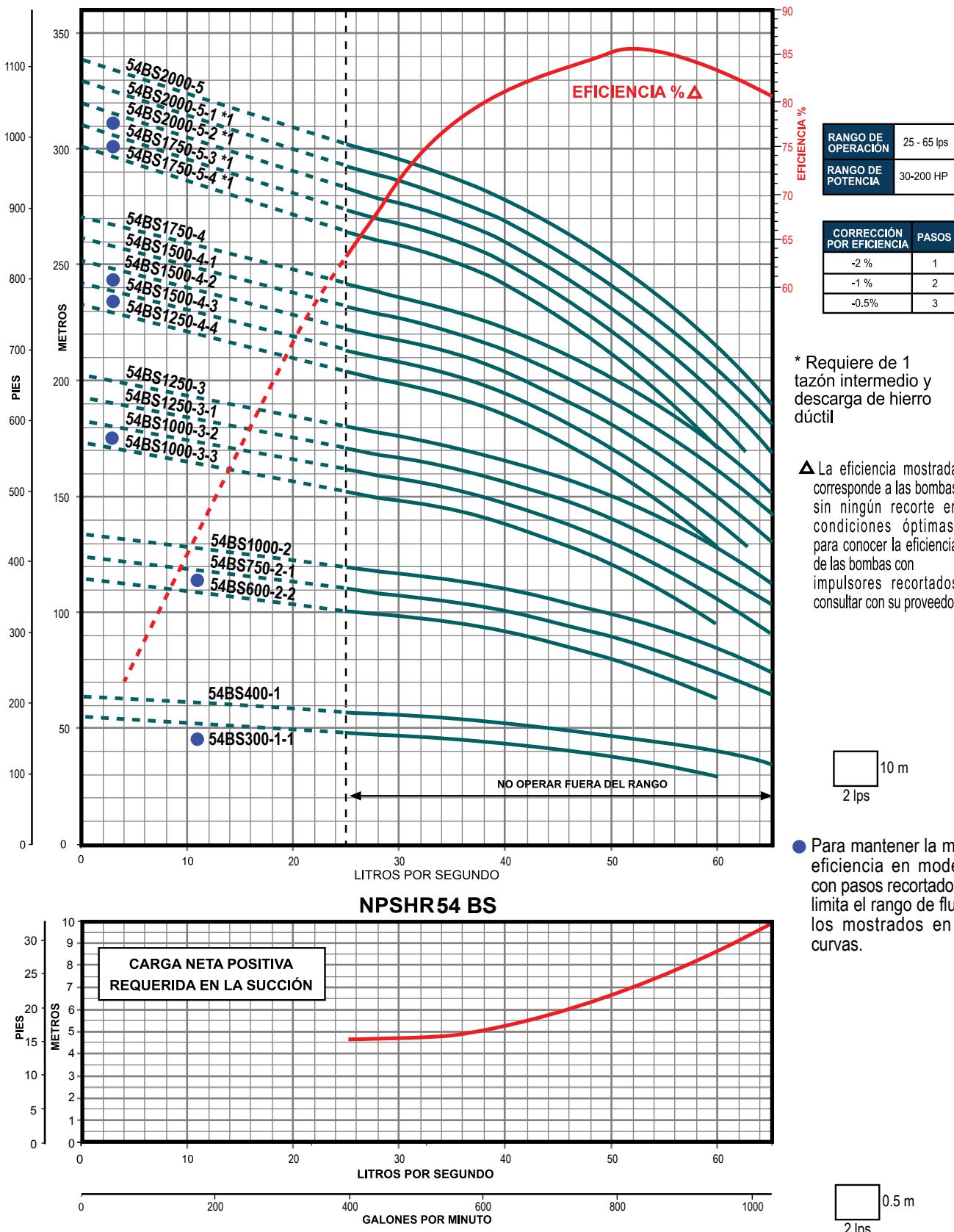
### NOTA:

- La descarga de la bomba 54BS se suministra en 6" NPT, con opción a 8" NPT sobre pedido.

## CONFORT Y SEGUIRIDAD



ALTAMIRA

**SERIE 54BS****54 lps / 3240 lpm / 856 gpm**

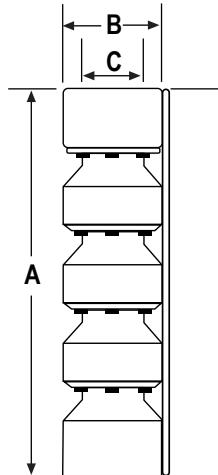
# SERIE 68BS

BOMBAS SUMERGIBLES ALTAMIRA Serie 68BS

68 lps / 4,080 lpm / 1,077 gpm

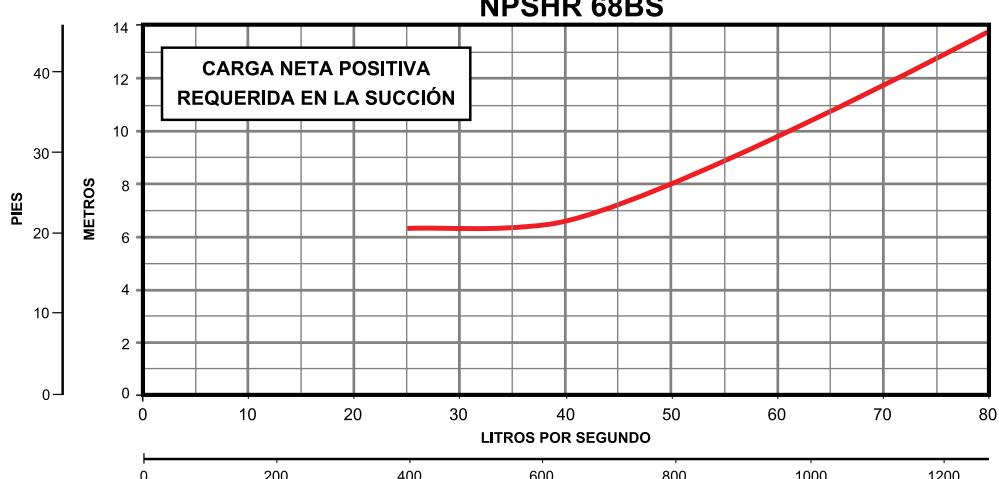
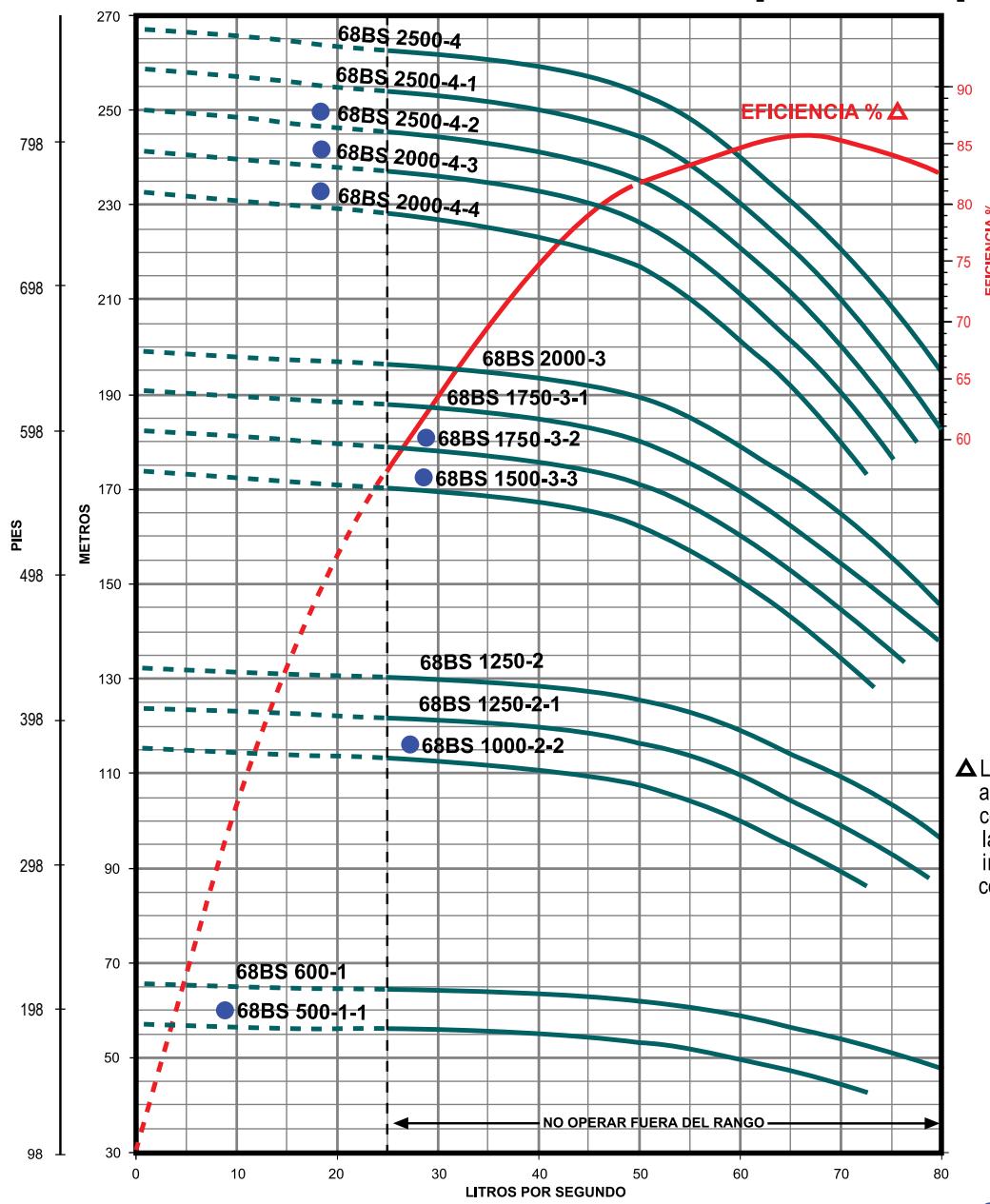
Rango: 25 a 80 lps

| CÓDIGO       | BHP MÁXIMO | HP NOMINAL | ACOPLAMIENTO NEMA DE LA BOMBA (PULGADAS) | RANGO DE CARGA (m) (min.- max) | MÁXIMA EFICIENCIA |               | DIMENSIONES |      |    | PESO APROX. (Kg) |
|--------------|------------|------------|--|--------------------------------|-------------------|---------------|-------------|------|----|------------------|
|              |            |            |  |                                | CARGA (m)         | GASTO LPM/GPM | A           | B    | C  |                  |
| 68BS500-1-1  | 49.1       | 50         | 6"                                       | 43 - 56                        | 46                |               | 26.25"      |      |    | 93.44            |
| 68BS600-1    | 61         | 60         |  | 48 - 64                        | 55                |               | 26.25"      |      |    | 93.44            |
| 68BS1000-2-2 | 98.1       | 100        | 8"                                       | 86 - 113                       | 91                |               | 34.75"      |      |    | 122.47           |
| 68BS1250-2-1 | 109        | 125        |  | 88 - 122                       | 101               |               | 34.75"      |      |    | 122.47           |
| 68BS1250-2   | 121.5      | 125        | 8"                                       | 96 - 130                       | 111               |               | 34.75"      |      |    | 122.47           |
| 68BS1500-3-3 | 146        | 150        |  | 128 - 170                      | 137               |               | 43.25"      |      |    | 151.5            |
| 68BS1750-3-2 | 161.1      | 175        | 8"                                       | 133 - 179                      | 147               | 4,080 / 1,077 | 43.25"      | 9.8" | 6" | 151.5            |
| 68BS1750-3-1 | 173.4      | 175        |  | 138 - 188                      | 157               |               | 43.25"      |      |    | 151.5            |
| 68BS2000-3   | 184.8      | 200        | 10"                                      | 145 - 196                      | 168               |               | 43.25"      |      |    | 151.5            |
| 68BS2000-4-4 | 197.4      | 200        |  | 173 - 228                      | 189               |               | 51.75"      |      |    | 180.53           |
| 68BS2000-4-3 | 207.5      | 200        | 10"                                      | 176 - 237                      | 194               |               | 51.75"      |      |    | 180.53           |
| 68BS2500-4-2 | 217.4      | 250        |  | 180 - 245                      | 204               |               | 51.75"      |      |    | 180.53           |
| 68BS2500-4-1 | 231.6      | 250        | 10"                                      | 182 - 154                      | 214               |               | 51.75"      |      |    | 180.53           |
| 68BS2500-4   | 246.8      | 250        |  | 195 - 262                      | 224               |               | 51.75"      |      |    | 180.53           |

**NOTA:**

- La descarga de la bomba 68BS se surte en 6" NPT, con opción a 8" NPT sobre pedido.



**SERIE 68BS****68 lps / 4080 lpm / 1078 gpm**

- Para mantener la mejor eficiencia en modelos con pasos recortados se limita el rango de flujo a los mostrados en las curvas.

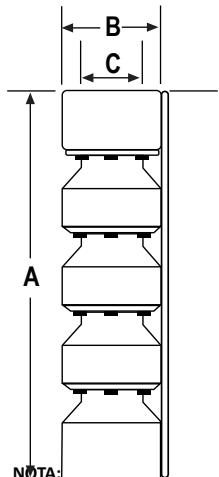
# SERIE 80BS

## BOMBAS SUMERGIBLES ALTAMIRA Serie 80BS

80 lps / 4,800 lpm / 1,268 gpm

Rango: 55 a 120 lps

| CÓDIGO        | BHP MÁXIMO | HP NOMINAL | ACOPLAMIENTO NEMA DE LA BOMBA (PULGADAS) | RANGO DE CARGA (m) (min.- max) | MÁXIMA EFICIENCIA |               | DIMENSIONES |       |    | PESO APROX. (Kg) |
|---------------|------------|------------|--|--------------------------------|-------------------|---------------|-------------|-------|----|------------------|
|               |            |            |  |                                | CARGA (m)         | GASTO LPM/GPM | A           | B     | C  |                  |
| 80BS750-1-1   | 78.2       | 75         | 8"                                       | 34 - 67                        | 58                | 4,800 / 1,268 | 28.26"      | 11.5" | 8" | 129.27           |
| 80BS1000-1    | 96.9       | 100        |  | 48 - 81                        | 72                |               | 28.26"      |       |    | 129.27           |
| 80BS1500-2-2A | 146.9      | 150        |  | 52 - 120                       | 102               |               | 38.14"      |       |    | 173.27           |
| 80BS1500-2-2  | 150.5      | 150        |  | 69 - 135                       | 117               |               | 38.14"      |       |    | 173.27           |
| 80BS1750-2-1  | 170.4      | 175        |  | 83 - 148                       | 131               |               | 38.14"      |       |    | 173.27           |
| 80BS2000-2    | 195.5      | 200        |  | 97 - 162                       | 145               |               | 38.14"      |       |    | 173.27           |
| 80BS2500-3-3  | 227.9      | 250        | 10"                                      | 100 - 202                      | 175               |               | 48.02"      |       |    | 217.27           |
| 80BS2500-3-2  | 242.3      | 250        |  | 117 - 215                      | 188               |               | 48.02"      |       |    | 217.27           |
| 80BS3000-3-1  | 267.8      | 300        |  | 138 - 229                      | 204               |               | 48.02"      |       |    | 217.27           |
| 80BS3000-3    | 297.2      | 300        |  | 149 - 245                      | 219               |               | 48.02"      |       |    | 217.27           |


**NOTA:**

- Los BHP máximos están calculados de acuerdo a las siguientes RPM nominales de los motores estándar (7.5 - 60 HP / 3470 RPM, acopladas a motor de 6"), (75-100 HP / 3480 RPM, acopladas a motor de 8"), (125 - 200 HP / 3510 RPM, acopladas a motor de 10"), (250 HP / 3540 RPM, acopladas a motor de 12"), (300 HP / 3535 RPM, acopladas a motor de 12").



# SERIE 80BS

## 80 lps / 4800 lpm / 1268 gpm

