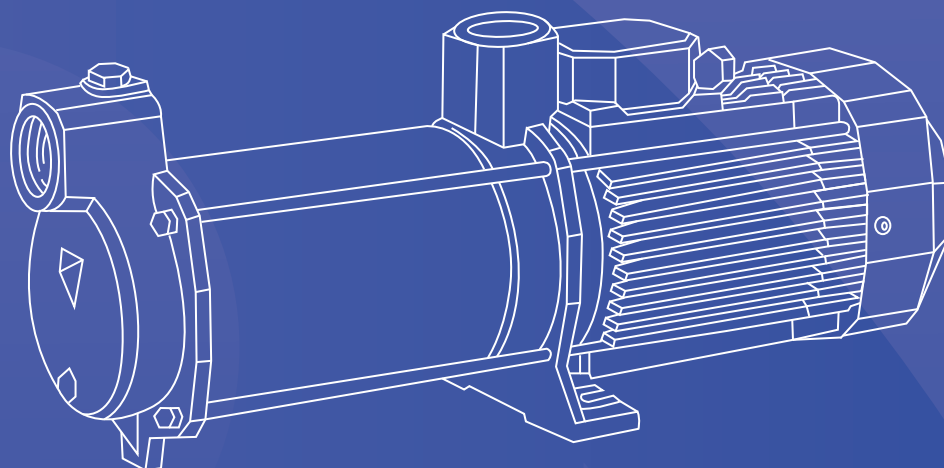




# SERIE PRISMA

PRISMA15, PRISMA25, PRISMA35N Y PRISMA45N

BOMBA MULTIETAPAS HORIZONTAL

# SERIE PRISMA

PRISMA15, PRISMA25, PRISMA35N Y PRISMA45N

## ESPECIFICACIONES

Bombas centrífugas multietapas horizontales para aplicaciones de bombeo de agua limpia donde se requiera una bomba robusta y compacta. Destaca por contar con tratamiento de cataforesis (proceso de pintado por inmersión) para evitar la oxidación y por su operación extremadamente silenciosa y su capacidad autoaspirante hasta 2 m.

### APLICACIONES

- Suministro de agua a viviendas.
- Sistemas de riego.
- Sistemas hidroneumáticos.
- Sistemas de presión constante.

### MATERIALES

- Camisa(tubo envolvente) en acero inoxidable 304
- Eje motor en acero inoxidable 420
- Impulsores en acero inoxidable 304
- Difusores fabricados en tecnopolímero Noryl® (PPO con Carga de fibra de vidrio)
- Cuerpo de aspiración e impulsión en hierro fundido
- Sello mecánico de Grafito/alúmina
- Carcasa del motor en aluminio

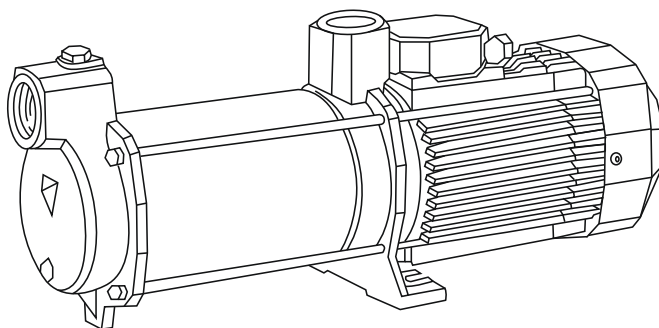
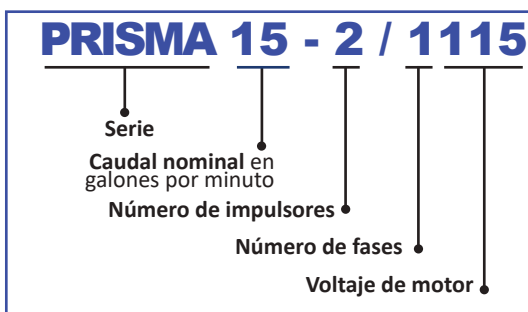
### MOTOR

- Asíncrono, dos polos
- Protección IP 55
- Aislamiento clase F
- Servicio continuo

### CARACTERÍSTICAS DE OPERACIÓN

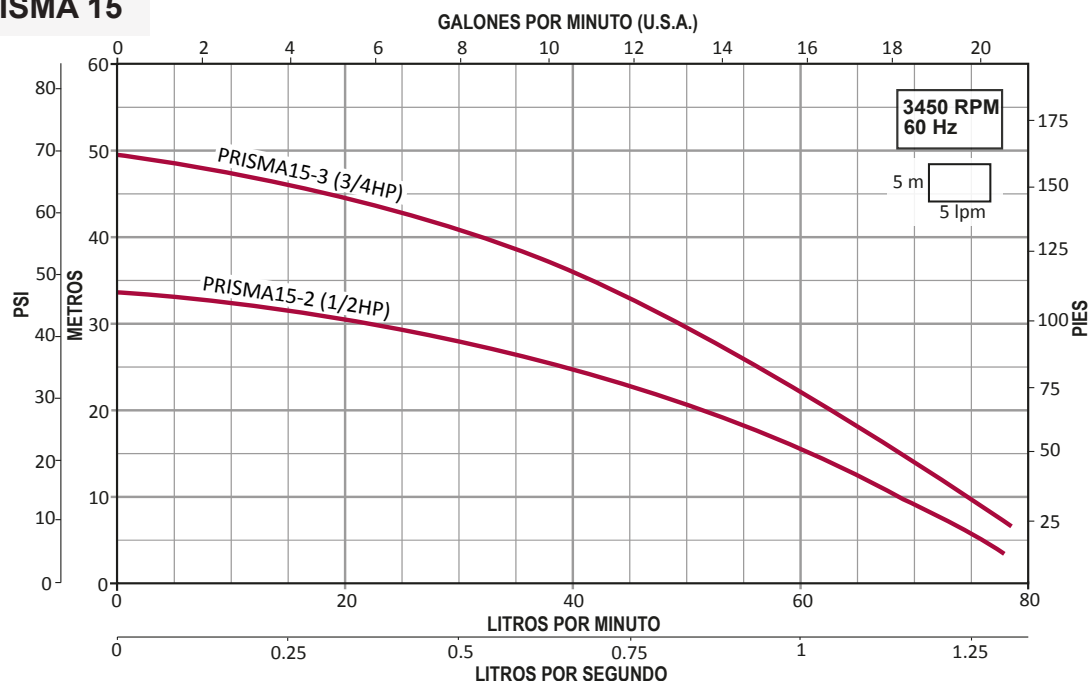
- Temperatura del líquido: 4°C hasta 40°C
- Autoaspirante a 2 m.c.a

### DESCRIPCIÓN DEL CÓDIGO



## CURVAS DE OPERACIÓN

### PRISMA 15



## TABLA DE ESPECIFICACIONES

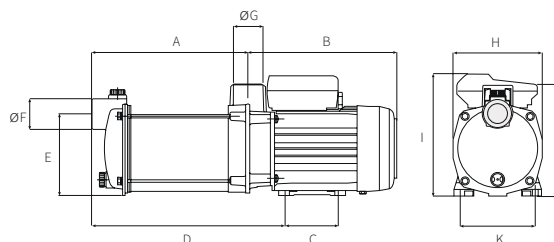
BOMBAS CENTRÍFUGAS MULTIETAPAS HORIZONTALES MARCA ESPA Serie PRISMA

| CÓDIGO          | HP  | KW   | FASES<br>X<br>VOLTS | AMP. | SUCCIÓN X<br>DESCARGA<br>(pulgadas) | DMS*  | PRESIÓN<br>AL CIERRE<br>(m/psi) | CARGA EN METROS (psi) |              |              |              |            | PESO (kg) |
|-----------------|-----|------|---------------------|------|-------------------------------------|-------|---------------------------------|-----------------------|--------------|--------------|--------------|------------|-----------|
|                 |     |      |                     |      |                                     |       |                                 | 10<br>(14.2)          | 20<br>(28.4) | 30<br>(42.6) | 40<br>(56.8) | 50<br>(71) |           |
|                 |     |      |                     |      |                                     |       |                                 | GASTO (lpm)           |              |              |              |            |           |
| PRISMA15-2/1115 | 1/2 | 0.37 | 1 x 115             | 5.8  | 1" x 1"                             | 1.25" | 34/48                           | 68                    | 51           | 22           |              | 8.6        |           |
| PRISMA15-3/1115 | 3/4 | 0.55 |                     | 8.5  |                                     |       | 50/71                           | 75                    | 63           | 49           | 32           |            | 9.2       |
| PRISMA15-3/1220 |     |      | 1 x 220             | 4.7  |                                     |       |                                 |                       |              |              |              |            |           |

Nota: Las bombas PRISMA trifásicas pueden ser conectadas a 220V o 440V según sea necesario, siguiendo el diagrama descrito en la caja de conexiones.

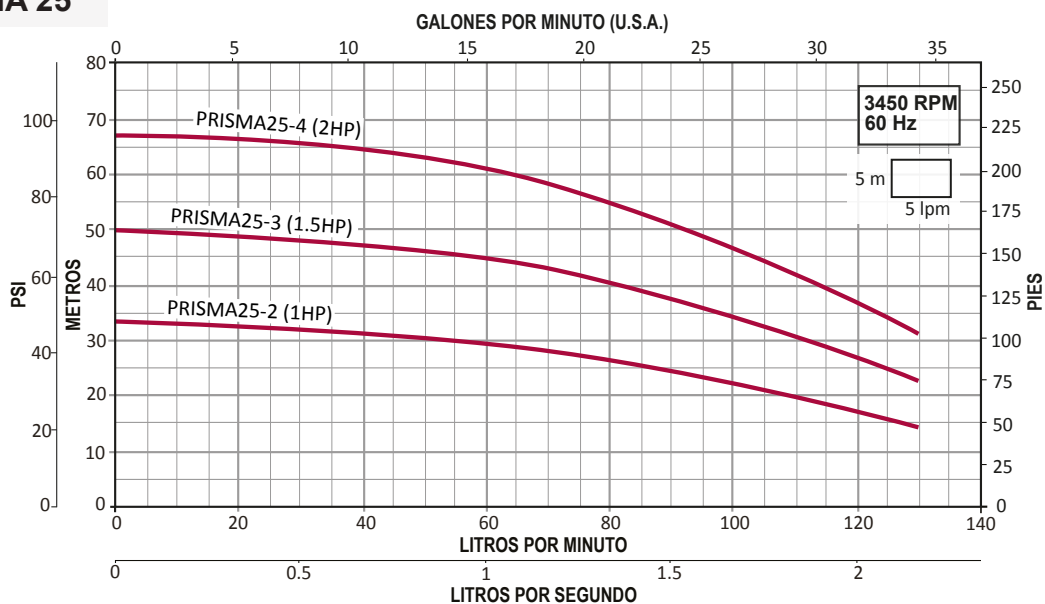
## DIMENSIONES Y PESO

| CÓDIGO          | DIMENSIONES (mm) |     |    |     |     |    |    |     |     |     |     | Kg. |
|-----------------|------------------|-----|----|-----|-----|----|----|-----|-----|-----|-----|-----|
|                 | A                | B   | C  | D   | E   | F  | G  | H   | I   | J   | K   |     |
| PRISMA15-2/1115 | 139              | 202 | 74 | 189 | 110 | 1" | 1" | 121 | 162 | 151 | 102 | 8.3 |
| PRISMA15-3/1115 | 163              | 202 | 74 | 213 | 110 | 1" | 1" | 121 | 162 | 151 | 102 | 9.2 |
| PRISMA15-3/1220 | 187              | 202 | 74 | 237 | 110 | 1" | 1" | 121 | 162 | 151 | 102 | 10  |



## CURVAS DE OPERACIÓN

### PRISMA 25



## TABLA DE ESPECIFICACIONES

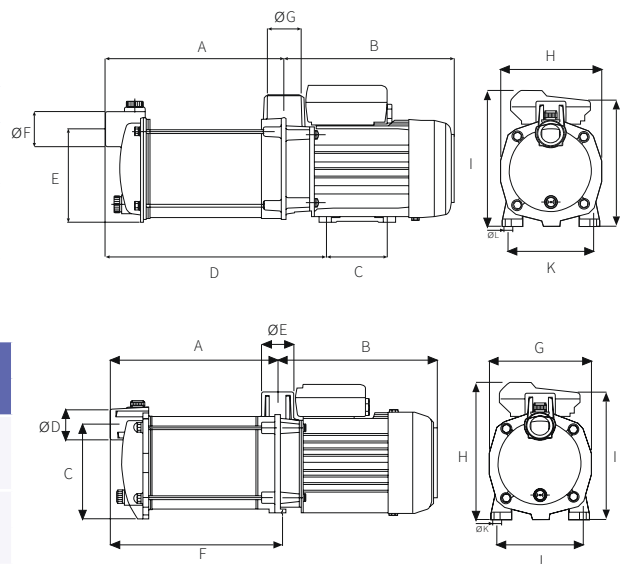
BOMBAS CENTRÍFUGAS MULTIETAPAS HORIZONTALES MARCA ESPA Serie PRISMA

| CÓDIGO          | HP  | KW   | FASES<br>X<br>VOLTS | AMP. | SUCCIÓN X<br>DESCARGA<br>(pulgadas) | DMS*  | PRESIÓN<br>AL CIERRE<br>(m/psi) | CARGA EN METROS (psi) |              |              |              |            |              | PESO<br>(kg) |  |  |  |
|-----------------|-----|------|---------------------|------|-------------------------------------|-------|---------------------------------|-----------------------|--------------|--------------|--------------|------------|--------------|--------------|--|--|--|
|                 |     |      |                     |      |                                     |       |                                 | 10<br>(14.2)          | 20<br>(28.4) | 30<br>(42.6) | 40<br>(56.8) | 50<br>(71) | 60<br>(85.2) |              |  |  |  |
|                 |     |      |                     |      |                                     |       |                                 | GASTO (lpm)           |              |              |              |            |              |              |  |  |  |
| PRISMA25-2/1115 | 1   | 0.75 | 1 x 115             | 11.5 | 1" x 1"                             | 1.25" | 34/48                           |                       | 108          | 55           |              |            |              | 14           |  |  |  |
| PRISMA25-2/1220 |     |      | 1 x 220             | 6    |                                     |       |                                 |                       |              |              |              |            |              |              |  |  |  |
| PRISMA25-3/1115 | 1.5 | 1.1  | 1 x 115             | 16.5 |                                     |       | 50/71                           |                       | 112          | 82           |              |            |              | 18.5         |  |  |  |
| PRISMA25-3/1220 |     |      | 1 x 220             | 8.3  |                                     |       |                                 |                       |              |              |              |            |              |              |  |  |  |
| PRISMA25-4/1220 |     |      |                     | 12   |                                     |       |                                 |                       |              |              |              |            |              |              |  |  |  |
| PRISMA25-4/3220 | 2   | 1.5  | 3x220               | 6.5  |                                     |       | 66/93                           |                       |              | 114          | 92           | 65         |              | 21.2         |  |  |  |
| PRISMA25-4/3220 |     |      |                     |      |                                     |       |                                 |                       |              |              |              |            |              |              |  |  |  |

## DIMENSIONES Y PESO

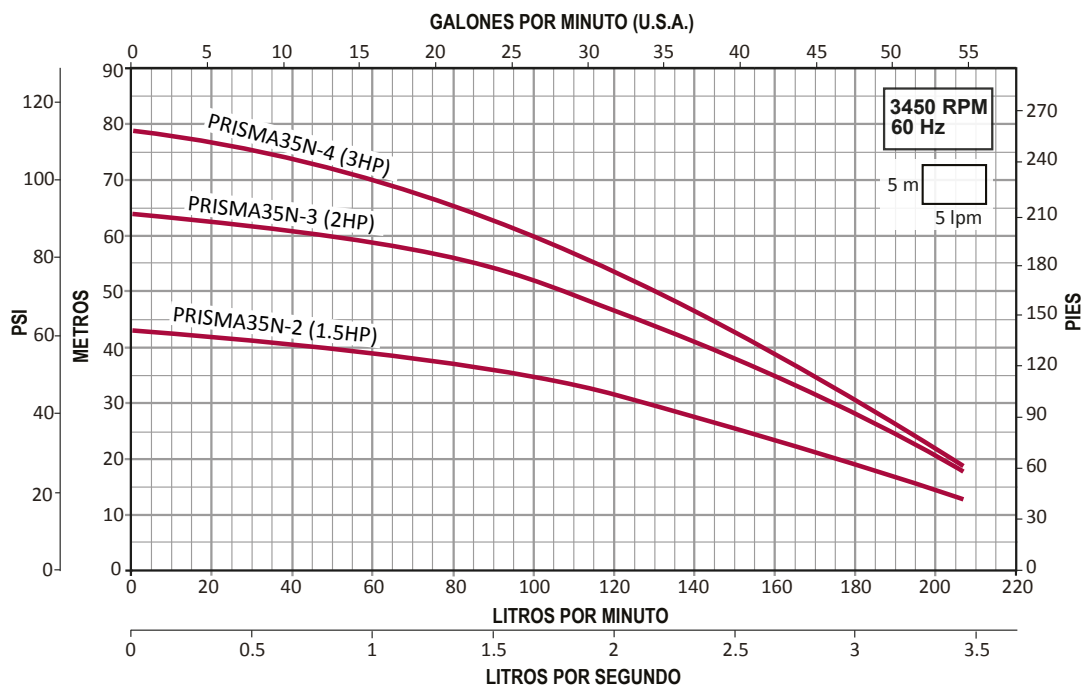
| CÓDIGO          | DIMENSIONES (mm) |     |    |     |     |    |    |     |     |     |     |   | PESO<br>(Kg) |
|-----------------|------------------|-----|----|-----|-----|----|----|-----|-----|-----|-----|---|--------------|
|                 | A                | B   | C  | D   | E   | F  | G  | H   | I   | J   | K   | L |              |
| PRISMA25-2/1220 | 176              | 218 | 82 | 226 | 127 | 1" | 1" | 138 | 185 | 173 | 118 | 8 | 13.5         |
| PRISMA25-2/1115 |                  |     |    |     |     |    |    |     |     |     |     |   |              |

| CÓDIGO          | DIMENSIONES (mm) |     |     |    |    |     |     |     |     |     |    |  | PESO<br>(Kg) |
|-----------------|------------------|-----|-----|----|----|-----|-----|-----|-----|-----|----|--|--------------|
|                 | A                | B   | C   | D  | E  | F   | G   | H   | I   | J   | K  |  |              |
| PRISMA25-3/1115 | 202              | 286 | 142 | 1" | 1" | 225 | 154 | 212 | 192 | 138 | 8  |  | 17.2         |
| PRISMA25-3/1220 |                  |     |     |    |    |     |     |     |     |     |    |  |              |
| PRISMA25-4/1220 | 229              | 286 | 142 | 1" | 1" | 225 | 154 | 212 | 192 | 138 | 10 |  | 20           |
| PRISMA25-4/3220 |                  |     |     |    |    |     |     |     |     |     |    |  |              |



## CURVAS DE OPERACIÓN

### PRISMA 35N

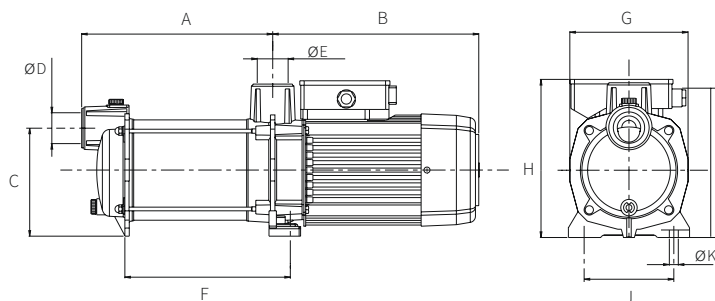


## TABLA DE ESPECIFICACIONES

| CÓDIGO           | HP  | KW  | FASES<br>X<br>VOLTS | AMP.    | SUCCIÓN X<br>DESCARGA<br>(pulgadas) | DMS* | PRESIÓN<br>AL CIERRE<br>(m/psi) | CARGA EN METROS (psi) |              |              |              |            |              | PESO<br>(kg) |
|------------------|-----|-----|---------------------|---------|-------------------------------------|------|---------------------------------|-----------------------|--------------|--------------|--------------|------------|--------------|--------------|
|                  |     |     |                     |         |                                     |      |                                 | 15<br>(21.3)          | 20<br>(28.4) | 30<br>(42.6) | 40<br>(56.8) | 50<br>(71) | 60<br>(85.2) |              |
|                  |     |     |                     |         |                                     |      |                                 | GASTO (lpm)           |              |              |              |            |              |              |
| PRISMA35N-2/1220 | 1.5 | 1.1 | 1x220               | 8.1     | 1.25"x1.25"                         | 1.5" | 42/59                           | 198                   | 175          | 128          | 48           |            |              | 19.7         |
| PRISMA35N-2/3224 |     |     |                     | 5.2/2.9 |                                     |      |                                 |                       |              | 19.4         |              |            |              |              |
| PRISMA35N-3/3224 | 2   | 1.5 | 3x220/440           | 7.3/4.2 |                                     |      | 64/90                           |                       | 203          | 175          | 144          | 107        | 50           | 22.4         |
| PRISMA35N-4/3224 | 3   | 2.2 |                     | 9/5.2   |                                     |      | 78/110                          |                       | 204          | 180          | 157          | 130        | 100          | 22.8         |

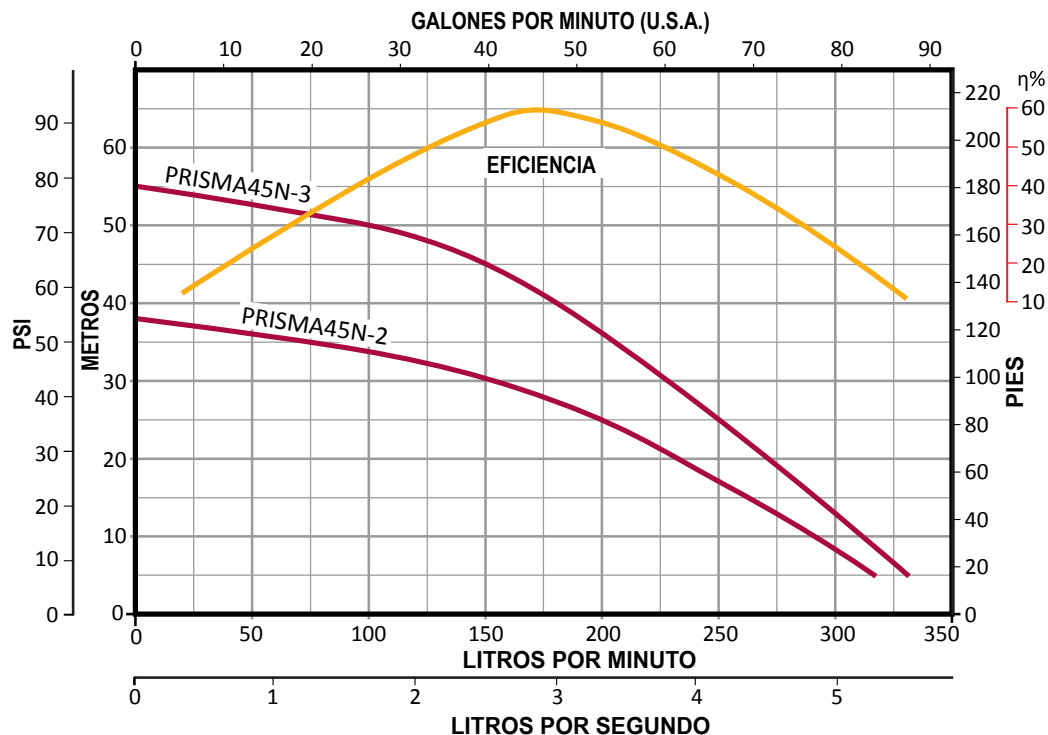
## DIMENSIONES Y PESO

| CÓDIGO           | DIMENSIONES (mm) |       |     |        |        |       |     |     |     |     |    | Kg.  |
|------------------|------------------|-------|-----|--------|--------|-------|-----|-----|-----|-----|----|------|
|                  | A                | B     | C   | D      | E      | F     | G   | H   | I   | J   | K  |      |
| PRISMA35N-2/1220 | 176              | 281.5 | 147 | 1 1/4" | 1 1/4" | 162.8 | 158 | 212 | 207 | 120 | 12 | 18.1 |
| PRISMA35N-2/3224 | 205              | 281.5 | 147 | 1 1/4" | 1 1/4" | 162.8 | 158 | 212 | 207 | 120 | 12 | 20.1 |
| PRISMA35N-3/3224 | 233              | 281.5 | 147 | 1 1/4" | 1 1/4" | 187.3 | 158 | 212 | 207 | 120 | 12 | 23.1 |
| PRISMA35N-4/3224 | 246.6            | 281.5 | 147 | 1 1/4" | 1 1/4" | 211.8 | 158 | 212 | 207 | 120 | 12 | 23.3 |



## CURVAS DE OPERACIÓN

### PRISMA 45N

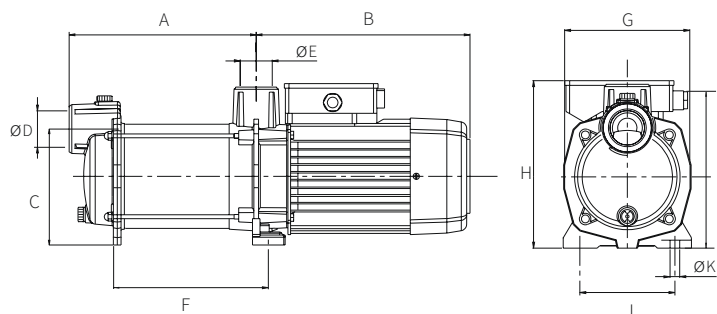


## TABLA DE ESPECIFICACIONES

| CÓDIGO           | HP | KW  | FASES<br>X<br>VOLTS | AMP.  | SUCCIÓN X<br>DESCARGA<br>(pulgadas) | DMS* | PRESIÓN<br>AL CIERRE<br>(m/psi) | CARGA EN METROS (psi) |              |              |              |            |              | PESO<br>(kg) |
|------------------|----|-----|---------------------|-------|-------------------------------------|------|---------------------------------|-----------------------|--------------|--------------|--------------|------------|--------------|--------------|
|                  |    |     |                     |       |                                     |      |                                 | 10<br>(14.2)          | 20<br>(28.4) | 30<br>(42.6) | 40<br>(56.8) | 50<br>(71) | 60<br>(85.2) |              |
|                  |    |     |                     |       |                                     |      |                                 | GASTO (lpm)           |              |              |              |            |              |              |
| PRISMA45N-2/1220 | 2  | 1.5 | 1 x 220             | 10.5  | 1.5" x 1.25"                        | 2"   | 38/53                           | 290                   | 232          | 152          |              |            |              | 22.5         |
| PRISMA45N-2/3224 |    | 1.5 | 3x220/440           | 6/3.5 |                                     |      |                                 |                       |              |              | 20.1         |            |              |              |
| PRISMA45N-3/3224 | 3  | 2.2 |                     | 8.6/5 |                                     |      |                                 | 55/78                 | 311          | 273          | 228          | 180        | 100          |              |

## DIMENSIONES Y PESO

| CÓDIGO           | DIMENSIONES (mm) |       |     |        |        |       |     |     |     |     |      | Kg.  |
|------------------|------------------|-------|-----|--------|--------|-------|-----|-----|-----|-----|------|------|
|                  | A                | B     | C   | D      | E      | F     | G   | H   | I   | J   | K    |      |
| PRISMA45N-2/1220 | 186              | 297.5 | 147 | 1 1/2" | 1 1/4" | 150.2 | 161 | 218 | 207 | 140 | 17.5 | 22.2 |
| PRISMA45N-2/3224 | 216.5            | 297.5 | 147 | 1 1/2" | 1 1/4" | 180.9 | 161 | 218 | 207 | 140 | 17.5 | 23.3 |
| PRISMA45N-3/3224 | 247              | 297.5 | 147 | 1 1/2" | 1 1/4" | 211.6 | 161 | 218 | 207 | 140 | 17.5 | 24.9 |





**BOMBA MULTIETAPAS  
HORIZONTAL**

**PRISMA**

