

# PYD

## ELECTROBOMBAS

SERIE

# PMO

## Motores 4"

**MOTORES SUMERGIBLES**

SUBMERSIBLE MOTORS •  
MOTEURS SUBMERSIBLES

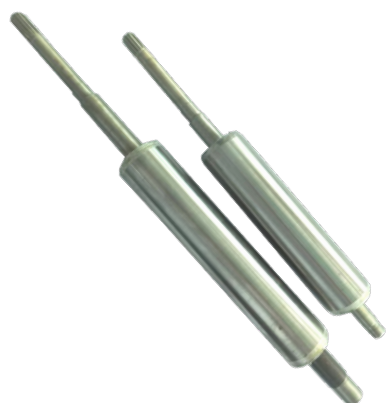
# CATÁLOGO TÉCNICO



**Motores para hidráulicas con acoplamiento NEMA. Refrigeración del bobinado mediante baño de aceite.**

Hydraulic motors with NEMA coupling. Winding cooling by oil bath.

Moteurs hydrauliques avec accouplement NEMA. Enroulement refroidissement par bain d'huile.



## MATERIALES

|                  |             |
|------------------|-------------|
| Cuerpo motor     | INOX 201    |
| Eje              | INOX 304    |
| Cierre mecánico: | CARB.       |
| < 0,75 Kw        | SILIC.      |
| > 0,75 Kw        | GRAF / CER. |

## RANGO DE TRABAJO

|                      |          |
|----------------------|----------|
| Temperatura          | 35°C     |
| Inmersión máx.       | 100 m    |
| Arranques máx/h.     | 20       |
| Vel. mín refrigerac. | 0,08 m/s |
| Grado protección     | IP68     |
| Aislamiento          | B        |

## MATERIALS

|                  |              |
|------------------|--------------|
| Motor body       | INOX 201     |
| Shaft            | INOX 304     |
| Mechanical seal: | CARB. SILIC. |
| < 0.75 Kw        | GRAF / CER.  |
| > 0.75 Kw        |              |

## WORKING RANGE

|                   |          |
|-------------------|----------|
| Temperature       | 35°C     |
| Max immersion     | 100 m    |
| Max starts / h.   | 20       |
| Min cooling speed | 0,08 m/s |
| Protection degree | IP68     |
| Isolation         | B        |

## MATÉRIELS

|                 |              |
|-----------------|--------------|
| Corps moteur    | INOX 201     |
| Arbre           | INOX 304     |
| Gar. mécanique: |              |
| < 0,75 Kw       | CARB. SILIC. |
| > 0,75 Kw       | GRAF / CER.  |

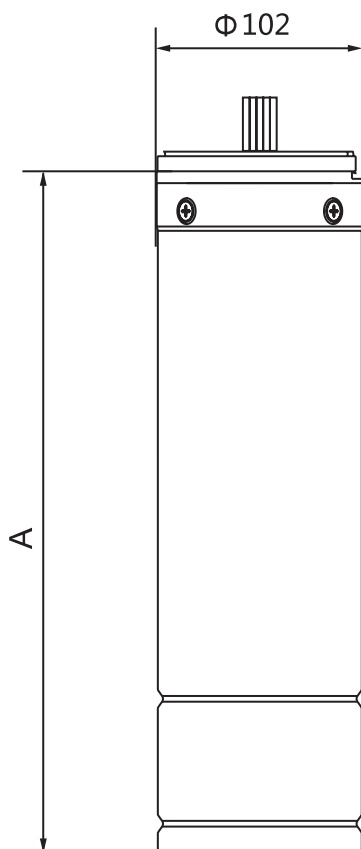
## PLAGE DE TRAVAIL

|                  |          |
|------------------|----------|
| Température      | 35°C     |
| Immersion max    | 100 m    |
| Max démarre / h. | 20       |
| Vel. refr. min.  | 0,08 m/s |
| Degré protection | IP68     |
| Isolement        | B        |

## MODELOS Y DATOS TÉCNICOS

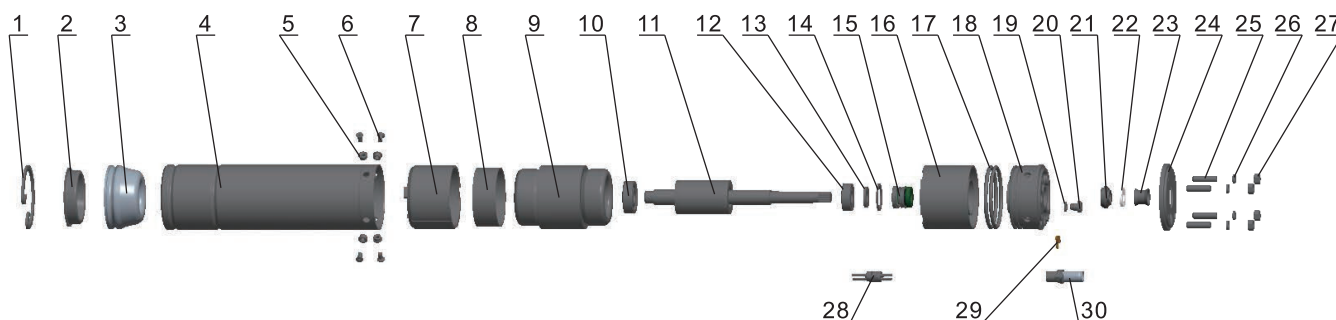
| MODELO | POTENCIA |      | INTENSIDAD |      | EFIC. % |      | Cos $\phi$ |      | F. AXIAL | Nm     | Condensador<br>( $\mu$ F) |
|--------|----------|------|------------|------|---------|------|------------|------|----------|--------|---------------------------|
|        | KW       | Hp   | 220V       | 380V | 220V    | 380V | 220V       | 380V | N        | R.P.M. | (220V)                    |
| PMO005 | 0,37     | 0,5  | 3,2        | -    | 59,4    | -    | 0,87       | -    | 1500     | 2.840  | 15                        |
| PMO007 | 0,55     | 0,75 | 4,5        | -    | 63,7    | -    | 0,88       | -    | 1500     | 2.840  | 20                        |
| PMO010 | 0,75     | 1    | 6,4        | 2    | 63      | 79,4 | 0,84       | 0,71 | 1500     | 2.840  | 25                        |
| PMO015 | 1,1      | 1,5  | 7,8        | 3,1  | 70,3    | 73,4 | 0,91       | 0,73 | 2500     | 2.840  | 35                        |
| PMO020 | 1,5      | 2    | 10,8       | 4,5  | 68,9    | 75,4 | 0,92       | 0,67 | 2500     | 2.840  | 45                        |
| PMO030 | 2,2      | 3    | 13,9       | 5,5  | 77,5    | 77,2 | 0,93       | 0,79 | 2500     | 2.840  | 60                        |
| PMO040 | 3        | 4    | -          | 7,4  | -       | 78,3 | -          | 0,78 | 4400     | 2.840  | -                         |
| PMO055 | 4        | 5,5  | -          | 10   | -       | 78,3 | -          | 0,78 | 4400     | 2.840  | -                         |
| PMO075 | 5,5      | 7,5  | -          | 13,8 | -       | 78   | -          | 0,77 | 4400     | 2.840  | -                         |
| PMO100 | 7,5      | 10   | -          | 18,3 | -       | 78,7 | -          | 0,79 | 4400     | 2.840  | -                         |

## MEDIDAS Y PESO



| MODELO | DIMENSIONES    |               | N.G. (Kg)  |           |
|--------|----------------|---------------|------------|-----------|
|        | A (monofásica) | A (Trifásica) | Monofásico | Trifásico |
| PMO005 | 324            | -             | 9,0        | -         |
| PMO007 | 344            | -             | 9,8        | -         |
| PMO010 | 369            | 427           | 11,0       | 9,3       |
| PMO015 | 404            | 467           | 13,0       | 11,4      |
| PMO020 | 449            | 487           | 15,0       | 12,0      |
| PMO030 | 539            | 538           | 20,5       | 14,5      |
| PMO040 | -              | 615           | -          | 18,5      |
| PMO055 | -              | 695           | -          | 21,5      |
| PMO075 | -              | 759           | -          | 25,5      |
| PMO100 | -              | 875           | -          | 31,5      |

## DESPIECE



| Nº | Component                    | Nº | Component           |
|----|------------------------------|----|---------------------|
| 1  | Deflector                    | 11 | Rotor               |
| 2  | Bottom cover                 | 12 | Deep groove bearing |
| 3  | Pressure regulating membrane | 13 | Fat washer          |
| 4  | Casing                       | 14 | Spring washer       |
| 5  | Positioning sleeve           | 15 | Mechanical seal     |
| 6  | Countersunk screw            | 16 | Upper deflector     |
| 7  | Baring seat                  | 17 | O-ring              |
| 8  | Insulation paper             | 18 | Oil chamber         |
| 9  | Winding stator               | 19 | O-ring              |
| 10 | Deep groove bearing          | 20 | Air faucet          |



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