

# **PNA Series**

**Self-Priming Centrifugal pump PNA series**

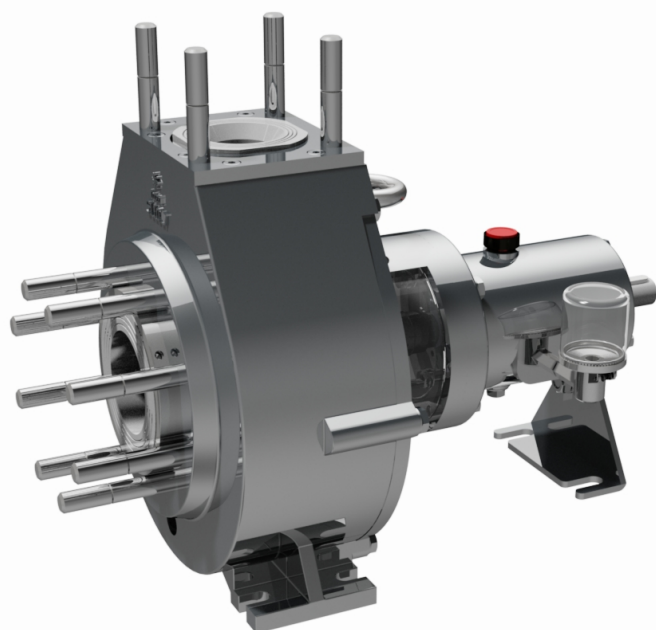
Self-priming centrifugal pumps, EN-22858 and ISO-2858, give PN type units the capacity to suck to a depth of up to 3 m. with no need for foot valve.

If the process may require it, PN series units can be supplied with a priming tank, making the unit self-priming at higher suction heights depending on the characteristics of the process.

The shaft sealing systems meet the needs of the process with the possibility of installing a wide range of market seals, either single, double opposition or external well balanced.

### APPLICATIONS

- Processes involving highly corrosive chemical substances
- This is included in the chemical industry, water treatment processes such as desalination, steel industry, etc.



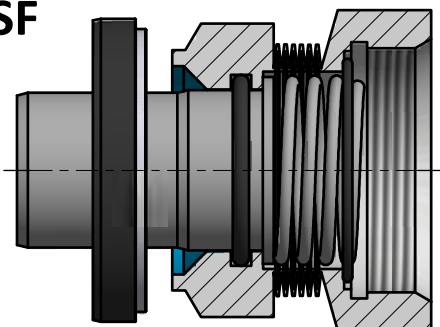
#### CHARACTERISTICS

- Flow rates up to 100 m<sup>3</sup>/h.
- Heights up to 60 m.c.l.

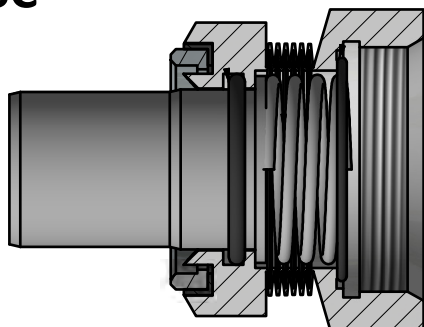
#### MATERIALS

- All wetted parts are made with anti corrosive materials such as:
- PP
- PEH
- PVC
- PVDF
- PTFE

Type **SF**



Type **SC**



### MATERIALS

-SF: PTFE+Vx1/CERAMIC

-SC: SSiC/SSiC

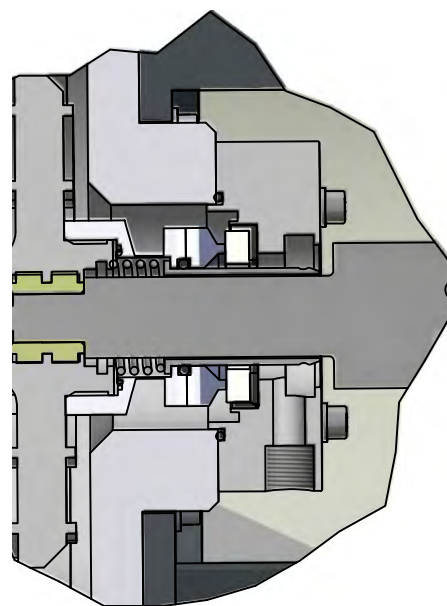
GASKETS:

-FPM/EPDM/PTFE/FFKM

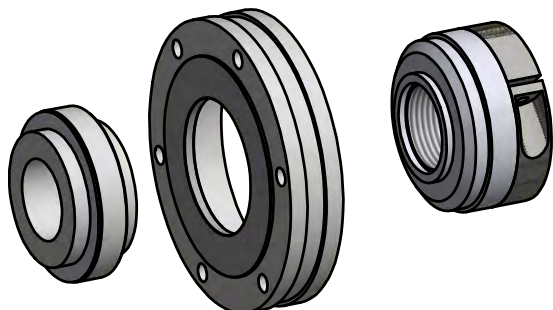
### OPERATION LIMITS:

V=8,44 m/s

P= 6 bar



Tipo **SE**



### MATERIALES

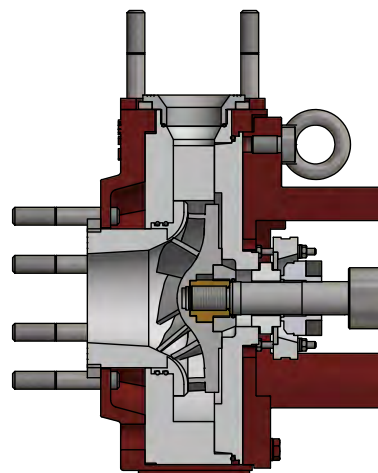
-PTFE+Vx1/CERAMIC -SSiC/SSiC

GASKETS:

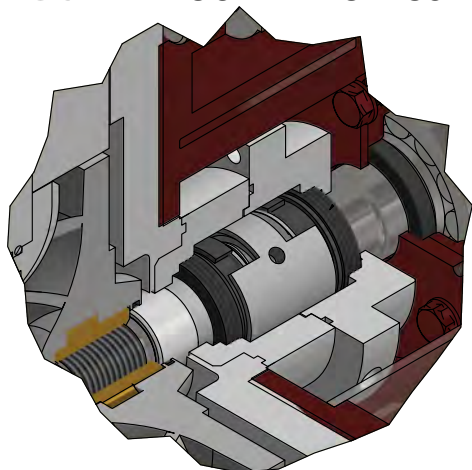
-FPM/EPDM/PTFE

### OPERATION LIMITS:

V=8 m/s - P= 9 bar



Type **8622** DOUBLE IN OPPOSITION - API plan 53/54 FLUSHING



**MATERIALES :** SSiC/SSiC

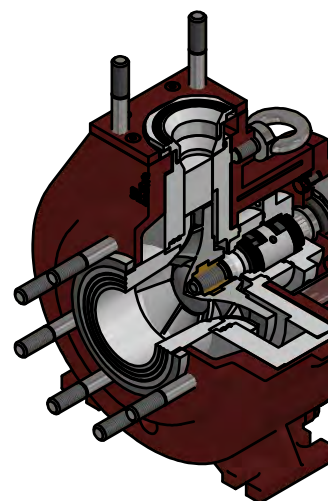
GASKETS: FPM/EPDM

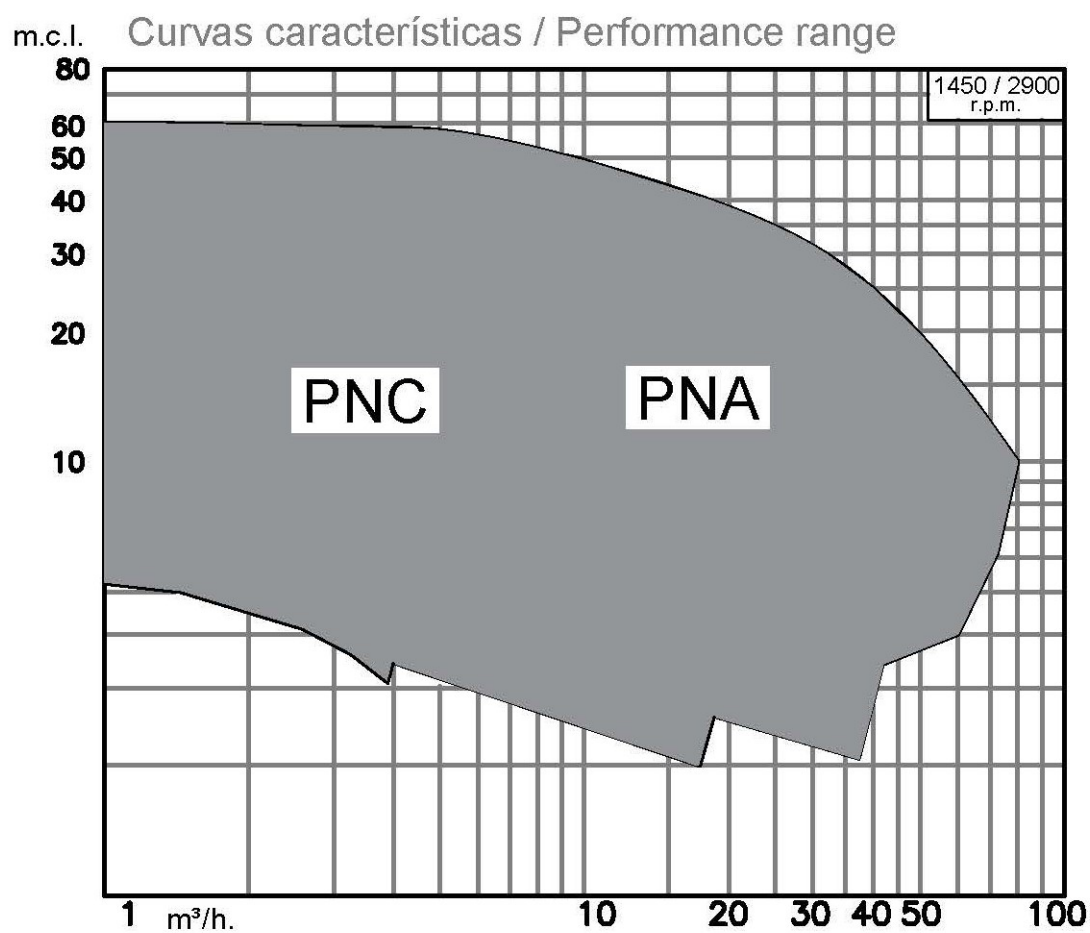
### OPERATION LIMITS:

V=25 m/s

P= 10 bar

T= Up to 200°C



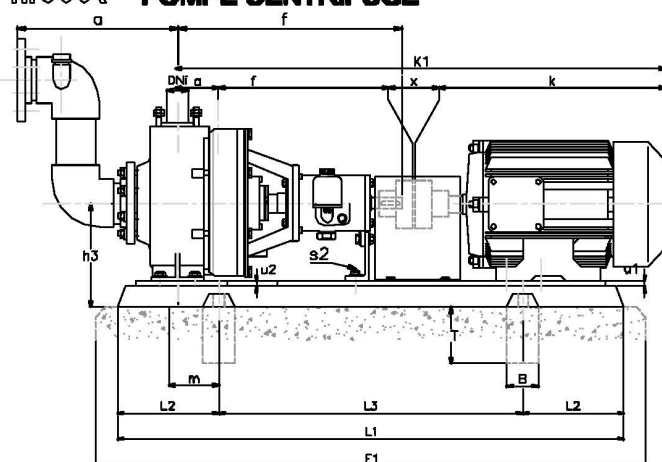




**BOMBA CENTRIFUGA  
CENTRIFUGAL PUMP  
POMPE CENTRIFUGE**

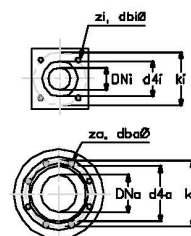
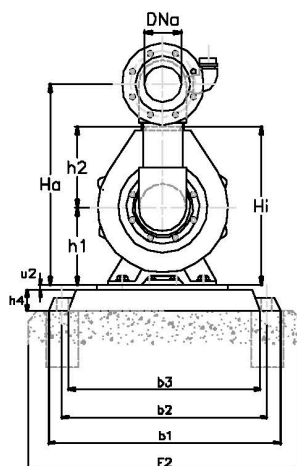
Tipos:  
Type:

Normalizadas según:  
Standard according to: **EN 22858**  
Normalisées suivant:



Motor:

Motor: **5.5Kw / 3000 r.p.m / IEC: 132**



**Bridas / Flanges / Brides  
ISO 7005-1 PN 16**

<b>DN<sub>a</sub> : 80</b>	<b>DN<sub>i</sub> : 80</b>
<b>D<sub>a</sub> : 200</b>	<b>D<sub>i</sub> : 165</b>
<b>d<sub>4a</sub> : 135</b>	<b>d<sub>4i</sub> : 102</b>
<b>K<sub>a</sub> : 160</b>	<b>K<sub>i</sub> : 125</b>
<b>d<sub>2a</sub> : M16</b>	<b>d<sub>2i</sub> : M16</b>
<b>Z<sub>a</sub> : 8</b>	<b>Z<sub>i</sub> : 4</b>

Pernos:  
Boules: **M-16 x 200**  
Boulons:

N. Ref / O. Ref :	S. Ref / Y. Ref :		
V / 7861 - 0			
Bomba / Pump / Pompe	Conjunto / Assembly / Ensemble		
a: 100	h3: 210	L1: 690	X: 4
f: 355	h4: 60	b1: 465	k: 447
h1: 160	u1: 28	b3: 390	K1: 936
h2: 180	u2: 0		

Peso total aprox.:  
Total weight approx. : **140 Kg.**  
Poids total approx. :

**Anclaje / Anchorage / Ancrage**

m: 75  
L2: 145  
L3: 600  
b2: 420

**Base**

F1: 990  
F2: 666  
B: 50  
T: 230

Dimensiones en mm / Dimensions in mm

Doc. 03.03.003



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