



MPNS Series

**Close-coupled process centrifugal
pump MPNS series**

MPNS is a Close-coupled EN22858 pump version which allows to reach bigger duty points saving costs respect complete baseplate pump process. Their reliability and flexibilit make them ideal for frequently used small and medium facilities. The MPNS series can be dismantled without changing its location.

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.

MPNS series are widely used in processes involving highly corrosive chemical substances specially suitable in scrubbers, recirculating and loading lines with a medium high flows and head susually demanded on industry nowadays.

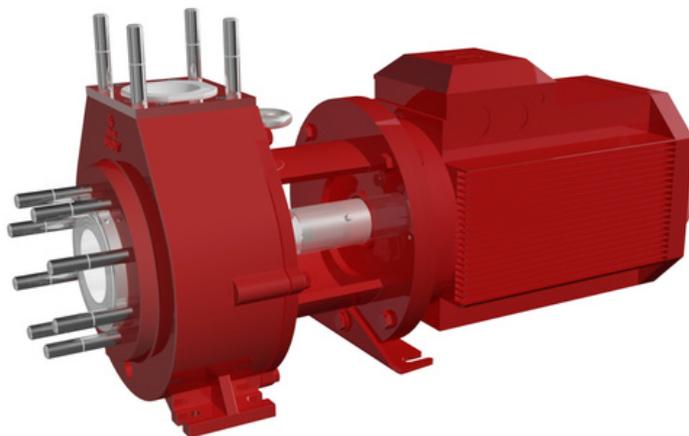
The scope of uses of MPNS series are wide-ranging: **Chemical Industry, Water treatment Processes such as Desalination, steel industry, environemnt industry, etc.**

CHARACTERISTICS

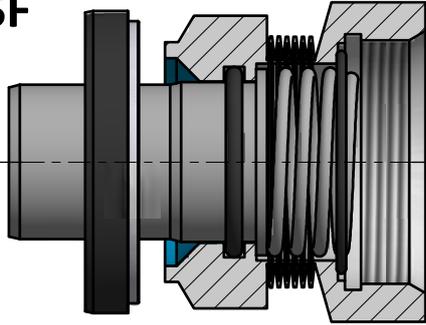
- Flow rates up to 150 m³/h.
- Heights up to 50 m.c.l.

MATERIALS

- CPP
- PVDF
- PEH
- PVC



Type **SF**



MATERIALS

-SF: PTFE+Vx1/CERAMIC

-SC: SSiC/SSiC

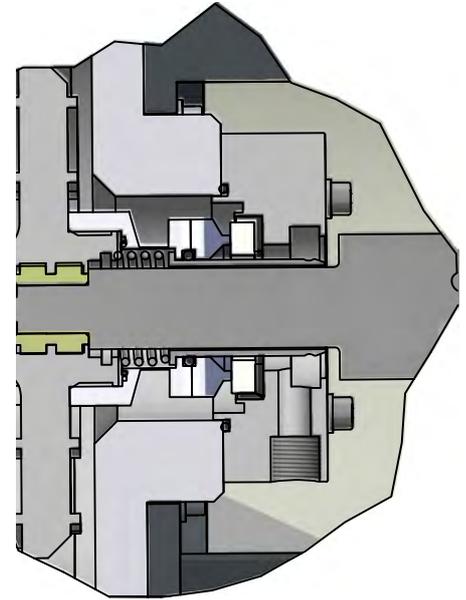
GASKETS:

-FPM/EPDM/PTFE/FFKM

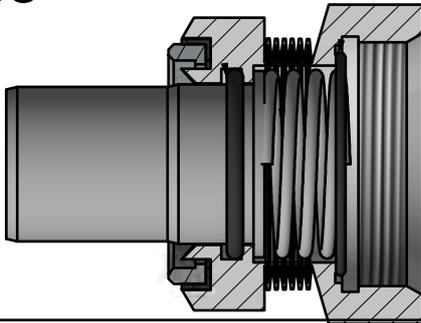
OPERATION LIMITS:

V=8,44 m/s

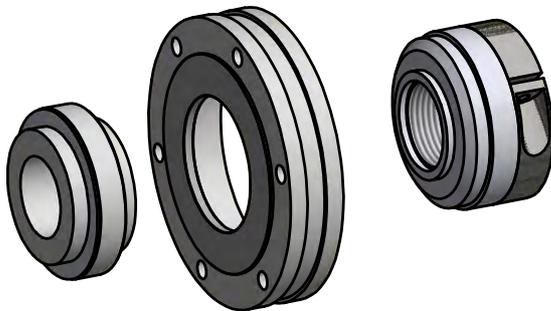
P= 6 bar



Type **SC**



Tipo **SE**



MATERIALES

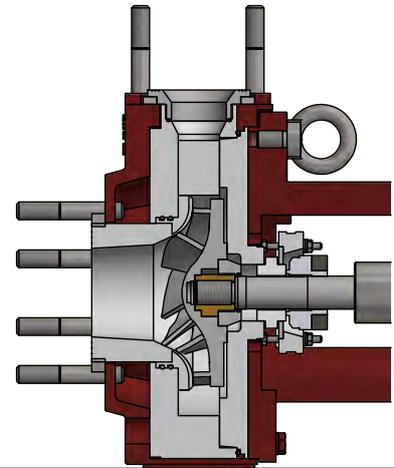
-PTFE+Vx1/CERAMIC -SSiC/SSiC

GASKETS:

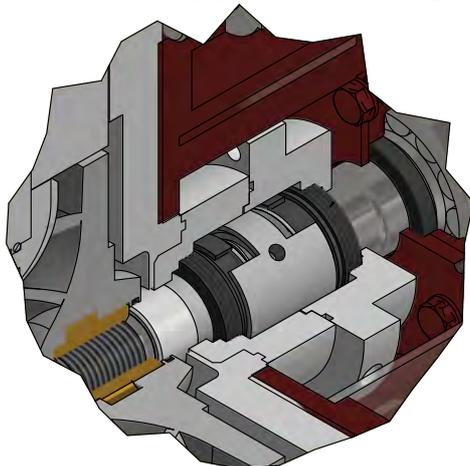
-FPM/EPDM/PTFE

OPERATION LIMITS:

V=8 m/s - P= 9 bar



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



MATERIALES : SSiC/SSiC

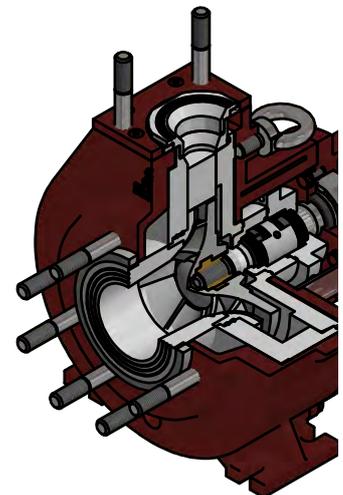
GASKETS: FPM/EPDM

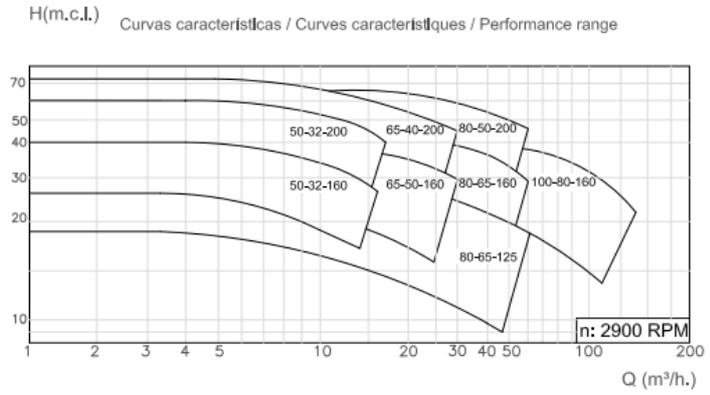
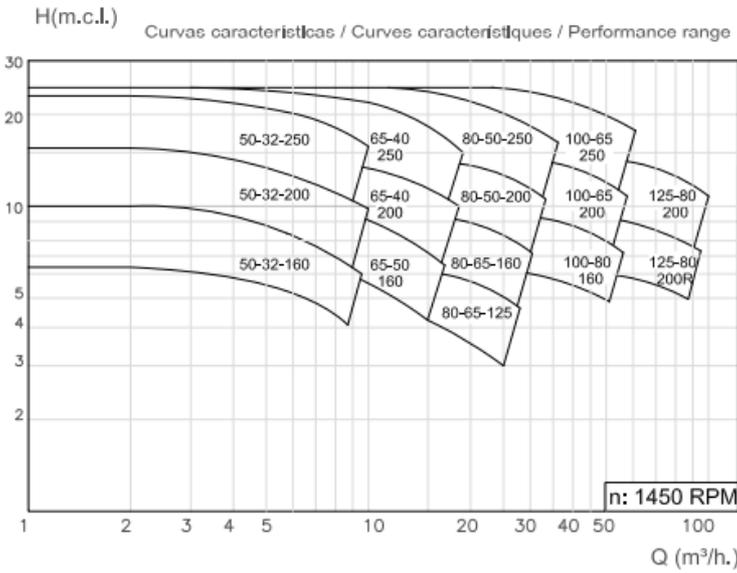
OPERATION LIMITS:

V=25 m/s

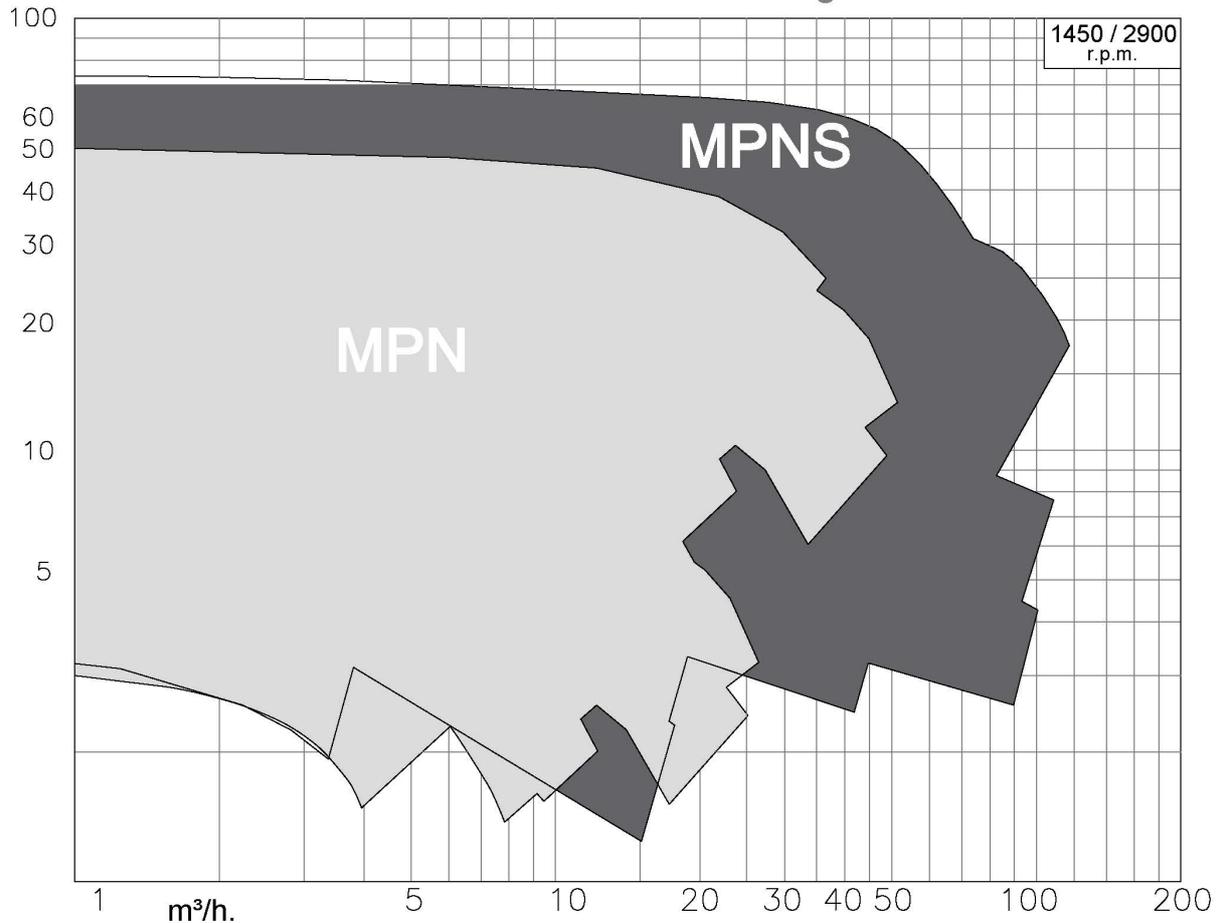
P= 10 bar

T= Up to 200°C

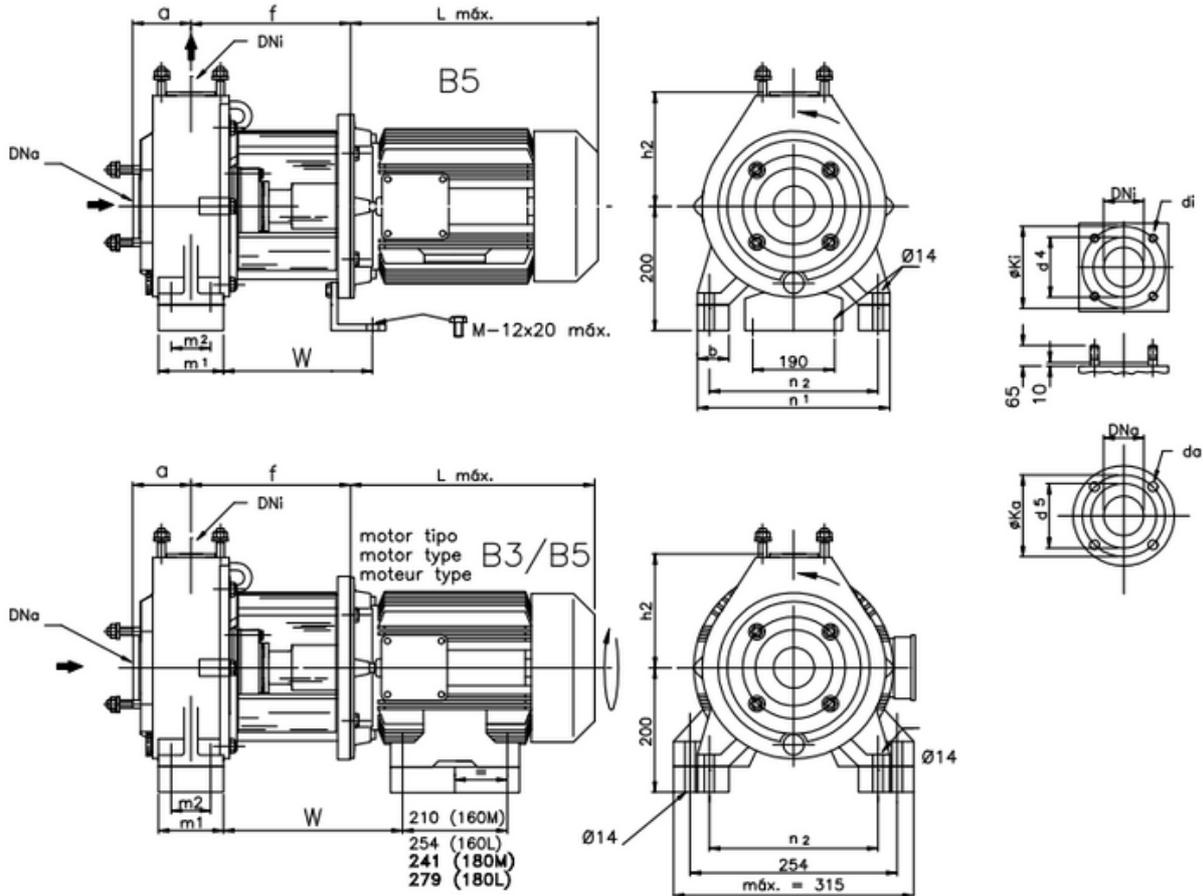




m.c.l. Curvas características / Performance range



PERFORMANCE CURVES TESTS:
According ISO 9906 - Grade 2 & 1E



Dimensiones en mm. / Dimensions in mm. / Dimensions en mm.

TIPO TYPE MPNS	BRIDAS FLANGES BRIDES		BOMBA PUMP POMPE				APOYO SUPPORT APPUI									
	ISO 7005-1 PN16		a	f	h1	h2	b	m1	m2	n1	n2	W	W iec 180			
	DNa	DNi														
50-32-160	50	32	80	230	132	160	50	100	70	240	190	270	-			
50-32-200					160	180						318	-			
65-50-125	65	50	80	230	132	160	65	125	95	320	250	270	-			
65-50-160					160	180						318	-			
65-40-200					265	212						318	-			
65-40-250					320	250						165	178			
80-65-125	80	65	100	230	132	160	50	100	70	240	190	270	-			
80-65-160					160	180							270	-		
80-50-200					265	212							270	-		
80-50-250					320	250							156	170		
100-80-160	100	80	100	230	277	160	65	125	95	280	212	322	335			
100-65-200					247	180						225	320	250	156	170
100-65-250					285	200						250	360	280	295	308
100-65-315					315	225						280	400	315	343	356
125-80-200	125	80	125	315	277	180	65	125	95	345	280	165	178			
125-80-200R					225	280						295	308			
125-80-250					250	315						343	356			
125-80-315					280	355						323	336			
125-100-250	125	100	140	315	225	280	80	160	120	400	315	343	356			
125-100-315					250	315										
200-150-250	200	150	160	315	280	375	100	200	150	500	400	323	336			

Bridas / Flanges / Brides: ISO 7005-1 PN16

DN	32	40	50	65	80	100	125	150	200
K	100	110	125	145	160	180	210	240	295
da-i Ø	M 16	M 20	M 20						
z	4	4	4	4	8	8	8	8	12





Júpiter, 53 - P.I. Can Parellada - 08228 Terrassa
BARCELONA
inbeat@inbeat.es
+34 93 785 25 16

www.inbeat.es