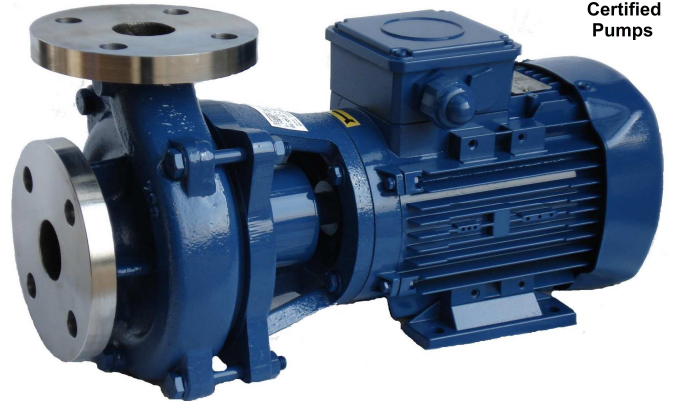


MX/S series pumps

The mono- and multicellular centrifugal pumps in the **MX/S** are specially designed for a large range of chemical and fine chemical uses, and particularly for corrosive products that are **clear or loaded** or **low-temperature products**.

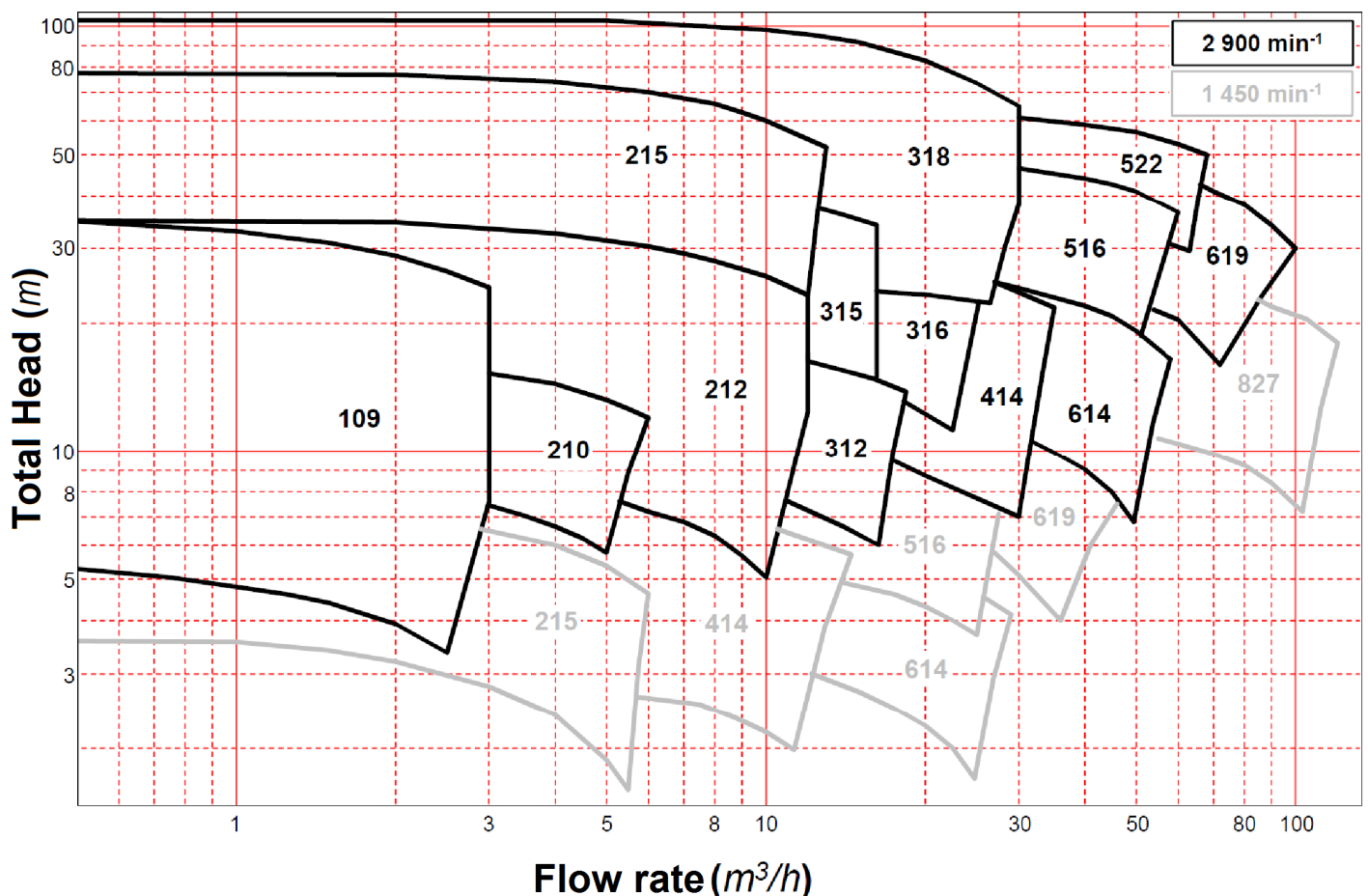
Thanks to their horizontal monoblock design, the **MX/S** pumps don't take up a lot of space, making their integration into compact "Skid" types of assemblies easier. The pump and the motor form a monoblock set connected by flanges, with a common shaft.



LIMITS OF USE

- Flow rate: 100 l/h to 100 m³/h
- Total head: <105 m
- Operating temperature: - 70°C to + 180°C
- Operating pressure: < 10 bar
- Speed: < 3600 min⁻¹
- ATEX certification: II 2 G II B T3/T4

SELECTION CURVES



Please contact us to see the 1450 rpm/min speed selection curves.

BUSINESS ACTIVITIES AND PRINCIPAL USE

Chemical and fine chemicals industries - Industrial refrigeration - Pharmaceutical industry - Cosmetic industry - Thermal fluids - Transfer of clear or loaded corrosive liquids - Tank unloading...

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Technical sheet no.: MX/S-13-EN

SPECIFICATIONS

Basic components

• Pump body	316L Stainless steel
• Cover/diffuser/flange	316L Stainless steel
• Impeller	316L Stainless steel
• Shaft	329LN Stainless steel
• Casing seal	316L Stainless steel
• Lantern	304 stainless steel
• Gasket	Aramid

To better respond to your requirements, our expertise in the metalworking industry is at your service:

Hastelloy, Uranus, Inconel, Monel, Titanium...

(can be modified according to your needs)

Mechanical seal

• Assembly	Single mechanical seal
• Lubrication	Process fluid
• Friction face	SiC/C
• O-ring	FPM

We'll help you define the best type of assembly and dynamic sealing adapted to your application.

Pump inlet and outlet connections

Type	MX/S 109	MX/S 210	MX/S 215	MX/S 216	MX/S 312	MX/S 315	MX/S 316	MX/S 318	MX/S 414	MX/S 516	MX/S 522	MX/S 614	MX/S 619
Inlet	DN20PN16	DN20PN16	DN32PN16	DN25PN16	DN32PN16	DN40PN16	DN50PN16	DN40PN16	DN40PN16	DN80PN16	DN65PN16	DN65PN16	DN80PN16
Outlet	DN15PN16	DN20PN16	DN25PN16	DN25PN16	DN32PN16	DN32PN16	DN32PN16	DN32PN16	DN40PN16	DN50PN16	DN50PN16	DN65PN16	DN65PN16

Motor Three-phase (other voltage available on request)

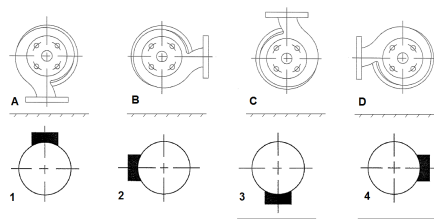
Finishing Primer + epoxy paint RAL # 5017

OVERALL DIMENSIONS

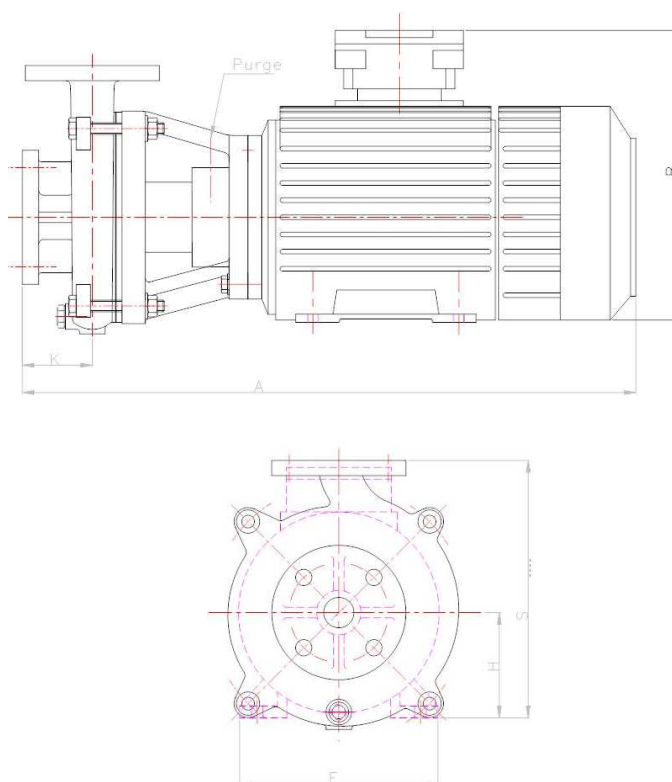
2900 min⁻¹

Type	Motor Power (kW)	Size Data						Weight (kg)
		K (mm)	A (mm)	B (mm)	E (mm)	H (mm)	S (mm)	
MX/S 109	0,37	55	405	193	140	71	151	14
MX/S 109/2	0,37	70	420	193	140	71	151	15
MX/S 109/3	0,55	92	442	193	140	71	151	17
MX/S 210	0,55	44	380	193	155	71	181	15
MX/S 215	2,20	75	545	254	170	90	220	57
MX/S 215/2	2,20	105	575	254	170	90	220	57
MX 216	2,20	60	540	254	170	90	220	47
MX 312	1,50	73	560	254	170	90	220	57
MX/S 315	2,20	77	570	254	170	90	235	61
MX/S 315/2	3,00	87	600	278	200	100	245	70
MX/S 316	5,50	80	775	381	272	132	292	110
MX/S 318/2	9,00	123	805	391	272	132	292	114
MX/S 318/3	11,00	159	840	391	272	132	292	128
MX/S 414	3,00	70	620	278	200	100	245	60
MX/S 516	9,00	100	805	381	272	132	312	120
MX/S 522	18,50	115	985	470	350	180	380	205
MX/S 614	5,50	81	775	381	272	132	302	122
MX/S 619	15,00	80	885	445	318	160	380	230

You can choose the position of the outlet and power connection when ordering.



Our standard is position C1.



Dimensions shown are for reference only and can be different according to the type of motor used.

PART NUMBER

MX/S	109	/2	X	95/90	0,37	2	A	12555
	Size	Number of impellers	Material in contact with the liquid	Ø of the impellers	Power in kW	Motor installed	Protection	Serial No.
109	See above	1 impeller	X Stainless Steel 316L			2 2 poles (# 2 900 rpm)	A ATEX	
210		/2 2 impellers	XG Stainless Steel 304			4 4 poles (# 1 450 rpm)	1 non-ATEX	
...		/3 3 impellers						
619								

POMPES GROSCLAUDE

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