



blackline



M1500 R100

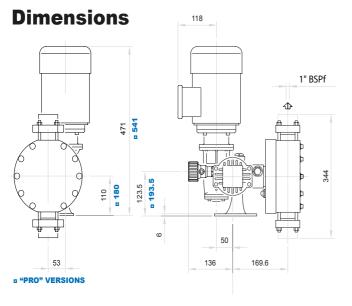
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# M1500



M1500 is the mechanical diaphragm pump of the M series with increased performance up to 1500 l/h and 5 barg. From the Blackline family the M1500 pump inherits the constructive characteristics and reduced footprint, while the newly designed preformed diaphragm and the axial-mounted O-rings on the valve assemblies contribute to further increase its durability and reliability. As with all the other pumps of the Blackline family, the M1500 is made of cataphoresis painted aluminum, for superior strength and corrosion resistance.

TECHNICAL DATA								
MODEL	M810	M1070	M1260	M1500	М960	M1140	M1350	M1640
Pump Body	Cataphoresis Aluminum Coating							
Remote Control	Fully compatible with PRO and Z actuator							
Ø (mm)	200							
Stroke Length (mm)	15							
Flowrate (I/h)	810	1070	1260	1500	960	1140	1350	1640
Max Pressure (barg)	5	5	5	5	5	5	5	4
SPM	70	95	115	155	84	114	138	186
Threaded Connections	1" ½ BSP F 1" ½ NPT F							
Flanged Connections	DN40 PN16 1" ½ ANSI150 RF							
Amb. Temp. (°C)	-10° + 60°							
Max Temp. Dosed Fluid (°C)	60°							
Motor Power (KW)	0,75						1,1	
Motor Size	80 90						90	
Voltage (V)	230/400 (3 phase)							
Frequency (HZ)	50 60							
Pumphead	PP							
Diaphragm	PTFE (process side) + NBR							
Valve Guide	PP							
Valve Seat	PP or AISI316L							
Valve Ball	PYREX or AISI316L							
Valve Housing	PP							
Gaskets	PTFE							



# bar 14 12 10 8 6 4 2 0

**Performance** 

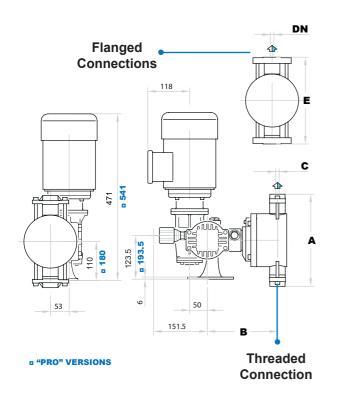
# **R100**



**R100** is the **new-born** of the **R series** piston pump family, sharing same characteristics of robustness with increased flowrate up to 1050 l/h @ 4 barg.

Worm wheel and gear, eccentric bearing and shaft have been redesigned to support demanding mechanical stress, the sleek design and reduced footprint makes it the ideal solution to all of your dosing needs.

## **Overall dimensions**



DIMENSIONS (mm)							
C/1'	A	В	C BSPf	E		DN	
				UNI	ANSI	UNI	ANSI
70	260	198	1"	245	246	25	1"
95	260	198	1"	245	246	25	1"
115	-	205	-	267	268	40	1" ½

TECHNICAL DATA

TECHNICAL DATA							
MODEL	R100A70	R100A95	R100A115				
Pump body	Cataphoresis treated aluminum						
Remote Control	Suitable for PRO controller and Z actuator						
Ø (mm)	100						
Stroke length (mm)	20						
Flowrate (I/h)	610	830	1000				
Max Pressure (bar)	5	5	4				
SPM	70	95	115				
Threaded Connection	1 BSPf		-				
Flanged Connections	DN25 1" ANSI150RF		DN40 1" ½ ANSI150RF				
Amb.Temp.(°C)	-10° + 60°						
Max Temp. Dosed Fluid (°C)	90°						
Motor Power (KW)	0,75						
Motor Size	80						
Voltage (V)	200/400 (3 phase)						
Frequency (HZ)	50						
Pumphead	SS 316 L						
Plunger	SS 316 L						
Valve Guide	SS 316 L						
Valve Seat	SS 316 L						
Valve Ball		SS 316 L					
Valve Housing	SS 316 L						
Gasket	PUR						
Connection		SS 316 L					

### **Performance**

