MULTI-LAYER DIAPHRAGM PUMPS

OVERVIEW

- Multi-layer diaphragm technology
- High dosing accuracy
- Compact design
- Safe to run dry
- Leakage free
- Low-maintenance
- User-friendly
- Motor suitable for operation with frequency converter
- Continuous, manual stroke length adjustment
- Robust, metallic drive housing

TECHNICAL DATA

PUMP DATA			RF 410.2-135 ML	RF 410.2-500 ML	RF 410.2-1200 ML
Permissible pressure $p_{2max.}$ at the pump outlet	bar	plastic	10	10	5 *
		stainless steel	15		
Nominal capacity QN at $p_{2max.}$	l/h	50 Hz	0-135	0-500	0-1200
		60 Hz	0-162	0-600	0-1440
Quantity per stroke	ml/stroke	(100%)			
Max. suction height	mWC		3	3	3
Min./max. permissible pressure at the pump inlet	bar	$P_{1min/max}$	-0,3/0	-0,3/0	-0,3/0
Recommended nominal diameter DN of the connecting pipes	mm		15	15	20
Nominal stroke frequency	1/min	50 Hz	97	97	97
		60 Hz	116	116	–
Weight approx.	kg	plastic	36	38	41
		stainless steel	43	46	57

* at 60 Hz is the permissible pressure 3,5 bar

ELECTRICAL DATA		RF 410.2-135 ML	RF 410.2-500 ML	RF 410.2-1200 ML
Power consumption	kW	0,75	1,1	1,5
Nominal voltage	V	230/400V 50Hz, 460V 60Hz		
Frequency	Hz	50/60		
Insulation class	ISO	F		
Enclosure	IP	55		

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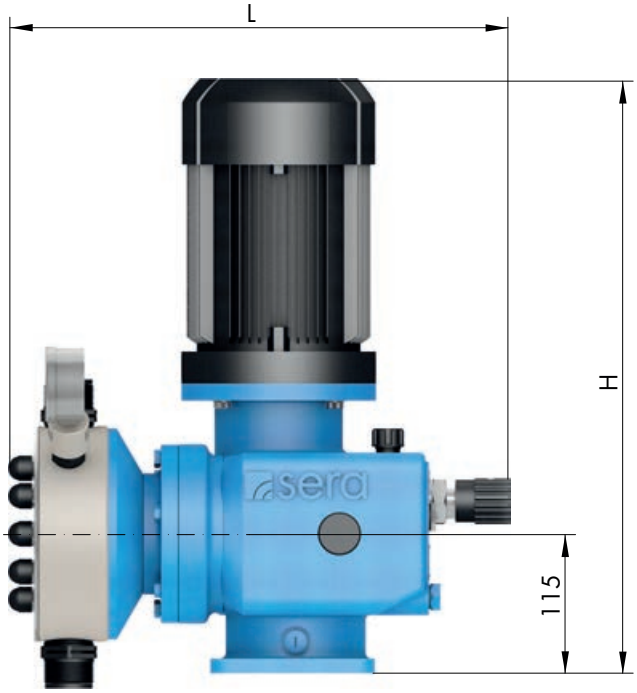
Flow capacity 135 l/h ... 1.200 l/h
Admissible counterpressure up to 15 bar

RF 410.2-...ML

DIMENSIONS



	G		B	L	H		B	L	H
RF 410.2-135 ML	G1¼*	PVC, PP, PVDF	335	425	530	1.4571	335	425	530
RF 410.2-500 ML	G1¼*		350	415	540		350	415	540
RF 410.2-1200 ML	G1¼		365	460	580		365	460	580

* PVC = G1

CHARACTERISTIC CURVES