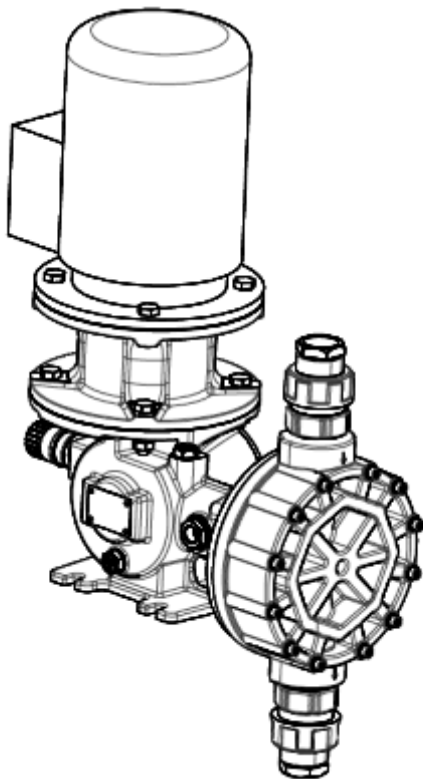




Technical characteristics

- Flow rates: 660l/h
- Max Pressure: 4 bar
- Motor: 0.75 kW (IP55)
- Stroke rate: 156 strokes/minute
- Stroke length: 6 mm
- Diaphragm diameter: 165 mm
- Pump head:
 - SS 316
 - PP
 - PVC
 - PVDF
- Max. dosing temperature:

○ SS 316	40° C
○ PP	40° C
○ PVC	40° C
○ PVDF	40° C

Seko mechanical diaphragm metering pump MS3 Series has a range of performances, which can reach cover 660 l/h with a back pressure up to 4 bar, having different pump head configurations available, in order to have the characteristics most suitable for processes where required.

MS3 pump have a spring return mechanism into an cast iron housing.

Every pump can be equipped with frequency-conversion motor or explosion-proof motor, moreover each pump can be set manually or automatically using a linear actuator which accepts a signal $4 \div 20$ mA.

PUMP KEY CODE

1°	Model										
M	Diaphragm										
	2°/3°	Mechanism Type									
	S3	Membrane									
		4°	Stroke Length [mm]								
		C	6								
			5°/6°/7°	Diaphragm Diameter [mm]							
			165	165							
				8°	Stroke Rate [stroke/min]						
				H	156						
					9°/10°	Pump Head Material					
						Pump Head	Diaphragm	Valves	Seat Valves	Equipment	
						21	SS 316	PTFE	SS 316	Standard	
						31	PVC	PTFE	Ceramic		PTFE
						51	PP	PTFE	Ceramic		PTFE
						41	PVDF	PTFE	Ceramic	PVDF	Special
							11°/12°	Electric Motor Type [kW]			
							K2	0,75 (4 poles - 230 Vac - 50 Hz - 3 ph)			
								13°	Stroke Regulation		
								0	Manual		
								L	Automatic linear SEKO		
									14°	Customization	
									0	Standard	
										15°	Optional
										0	Standard
M	S3	C	165	H	51	K2	0	0	0		

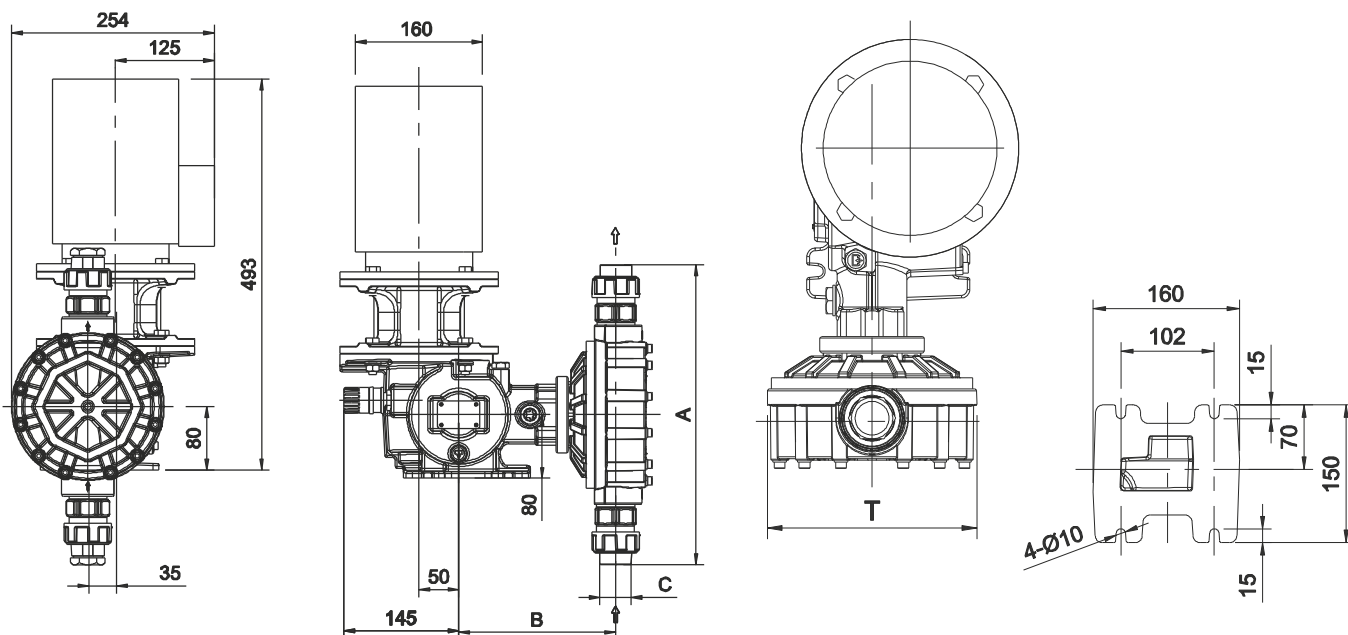
HYDRAULIC CHARACTERISTICS

Pump Model	Diaphragm Diameter [mm]	Stroke/min	Flow rate		Max back pressure				Suction/Discharge Connection	Electric Motor 50 Hz 3 phases [kW]
					bar		p.s.i.			
			l/h	gl/h	SS 316	PP PVC/PVDF	SS 316	PP PVC/PVDF		
M S 3 C 1 6 5 H	165	156	660	174	4	4	58	58	1" G F	0,75 (Q4)

PUMP HEAD MATERIAL

Material	Standard			Special
	21	51	31	41
Pump Head	SS 316	PP	PVC	PVDF
Diaphragm	PTFE	PTFE	PTFE	PTFE
Valves	SS 316	Ceramic	Ceramic	Ceramic
Seat Valves	SS 316	Ceramic	PTFE	PVDF

DIMENSIONS



DIMENSIONS [mm]				
PUMP HEAD MATERIAL	A	B	C	T
SS 316 L	296	201	1" G F	190
PP/PVC/PVDF	377	198	1" G F	193