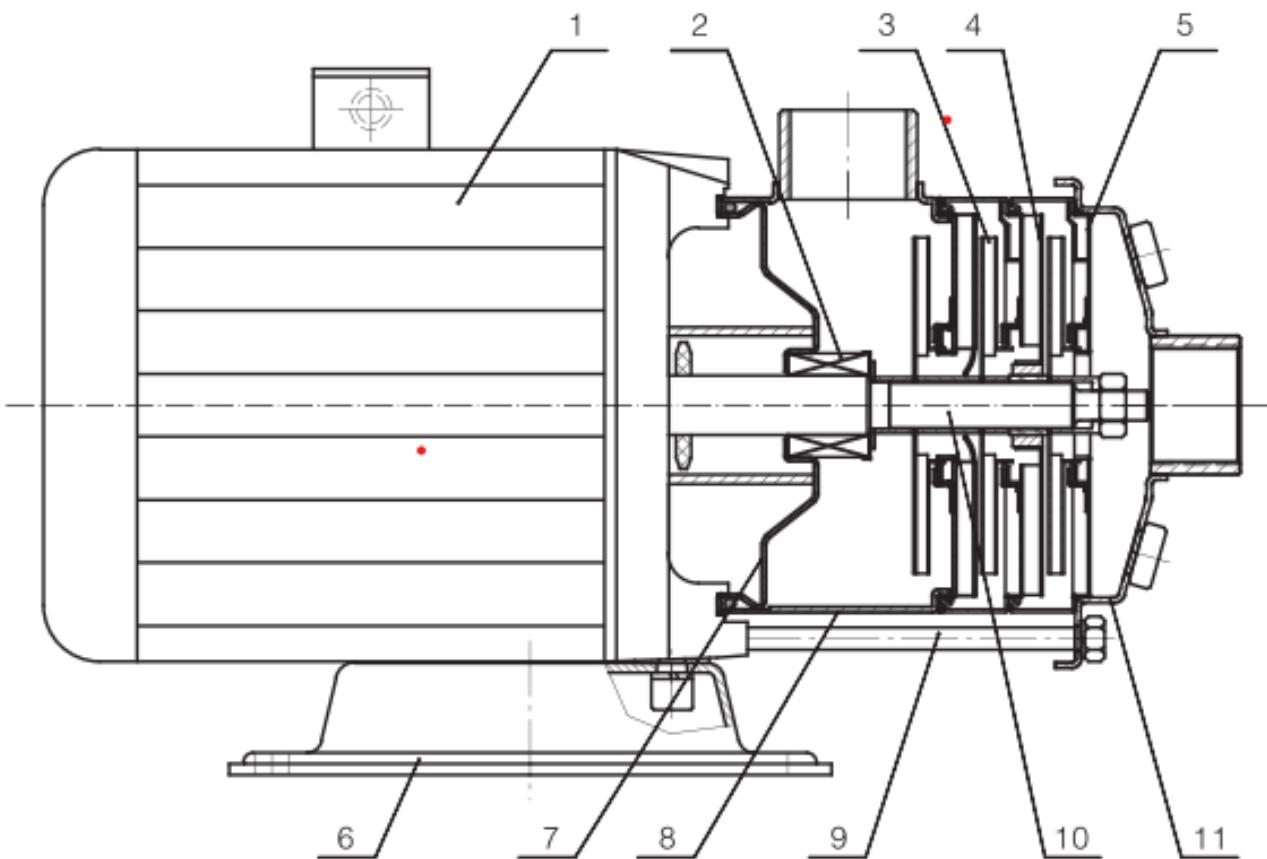


Structure SEM2,4,8,12,16,20



Materials SEM2,4,8,12,16,20

No.	Spare parts	Material	GB	EN/DIN	AISI/ASTM
1	Motor	/	/	/	/
2	Outlet	Stainless steel	GB/T20878-06Cr19Ni10	EN 10088-1.4301	AISI304
3	Tie rod	Stainless steel	GB/T20878-06Cr19Ni10	EN 10088-1.4301	AISI304
4	Impeller	Stainless steel	GB/T20878-06Cr19Ni10	EN 10088-1.4301	AISI304
5	Diffuser	Stainless steel	GB/T20878-06Cr19Ni10	EN 10088-1.4301	AISI304
6	Inlet suction	Stainless steel	GB/T20878-06Cr19Ni10	EN 10088-1.4301	AISI304
7	Bottom seat	Steel	/	/	/
8	Mechanical seal	/	/	/	/
9	Extend shaft	Stainless steel	GB/T20878-06Cr19Ni10	EN 10088-1.4301	AISI304
10	Support diffuser	Stainless steel	GB/T20878-06Cr19Ni10	EN 10088-1.4301	AISI304

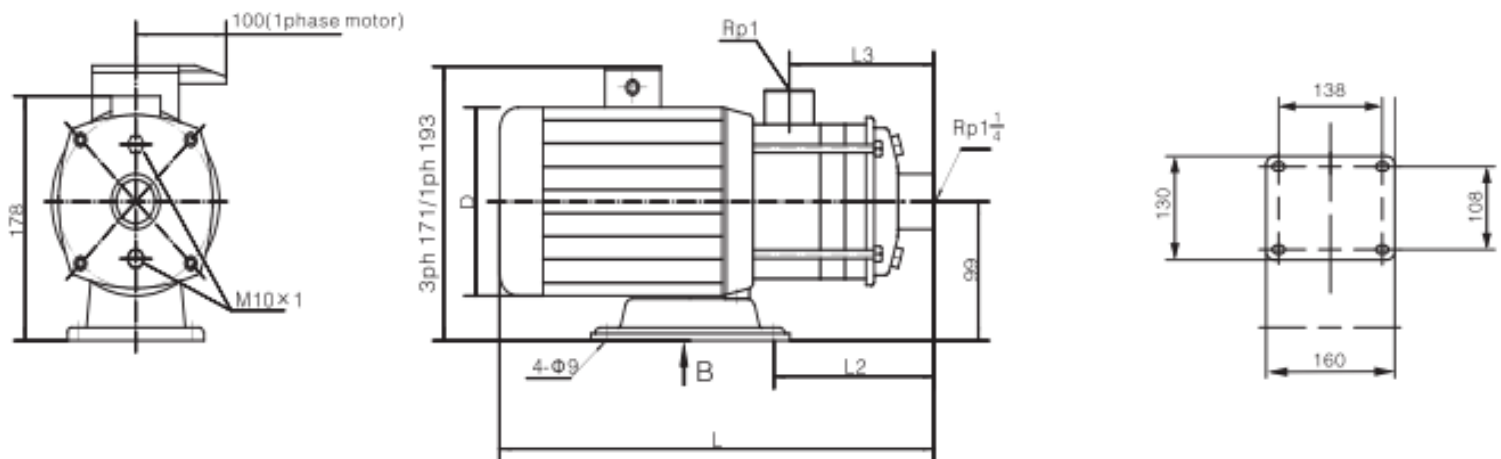
SEM Proudct range introduction

Parameter	SEM2	SEM4	SEM8	SEM12	SEM16	SEM20
Rated flow rate [m³/h]	2	4	8	12	16	20
Rated flow rate [l/s]	0.56	1.1	2.2	3.3	4.4	5.6
Flow rate [m³/h]	0.6~3.2	1~7	5~11	7~16	8~22	10~28
Flow rate [l/s]	0.17~0.89	0.28~1.9	1.39~3	1.9~4.4	2.2~6.1	2.8~7.8
Maximum pressure [bar]	5.3	5.6	5	6	5.3	5.3
Power [kW]	0.37~0.75	0.37~1.1	0.75~2.2	1.2~3	2.2~4	2.2~4.4
Temperature range [°C]	-15~105					
Highest efficiency [%]	46	58	62	63	66	69
Thread connection						
Outlet	Rp1	Rp1	Rp1 ¹ / ₄	Rp1 ¹ / ₂	Rp2	Rp2
Inlet	Rp1	Rp1 ¹ / ₄	Rp1 ¹ / ₂	Rp1 ¹ / ₂	Rp2	Rp2

Performance data

Model	Power		Q (m ³ /h)	1	2	3	4	5	6	7
	(kW)	(HP)								
SEM4-20	0.37	0.55	H (m)	19	18	17	15	12.5	10	7.5
SEM4-30	0.55	0.75		28	27	26	23.5	20.5	17	13
SEM4-40	0.75	1		37.5	36	34	31	27	23	19
SEM4-50	1.1	1.5		47	45	42.5	39	34	29	23
SEM4-60	1.1	1.5		56	54	51	47	41.5	35.5	28

Installation dimensions and weight



Motor	Model	Dimension (mm)				Weight (kg)
		L	L2	L3	D	
3ph/1ph	SEM4-20	339	114	98	137	12
	SEM4-30	366	141	125	137	12
	SEM4-40	424	168	152	156	13
	SEM4-50	451	195	179	156	15
	SEM4-60	478	222	206	156	15

Performance cruve

