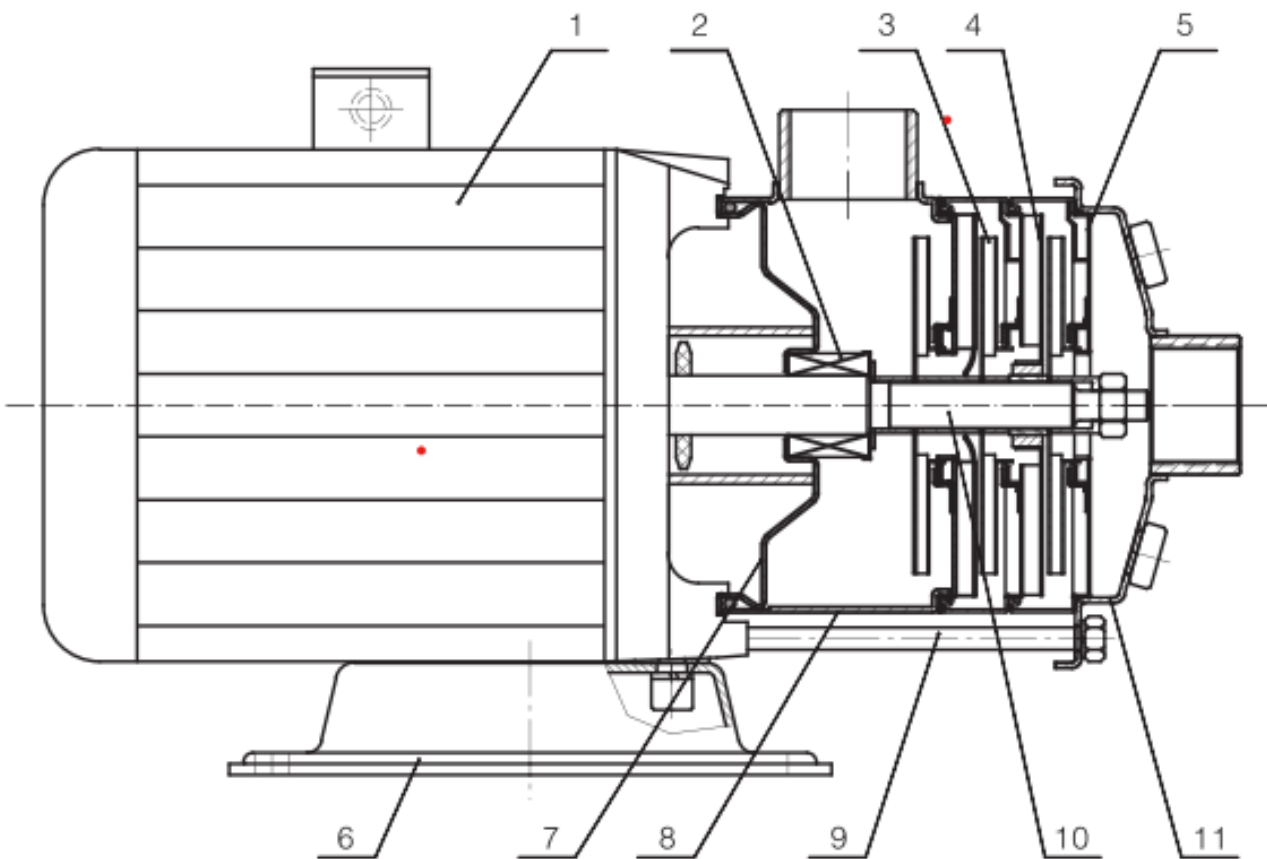


Structure SEM2,4,8,12,16,20



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

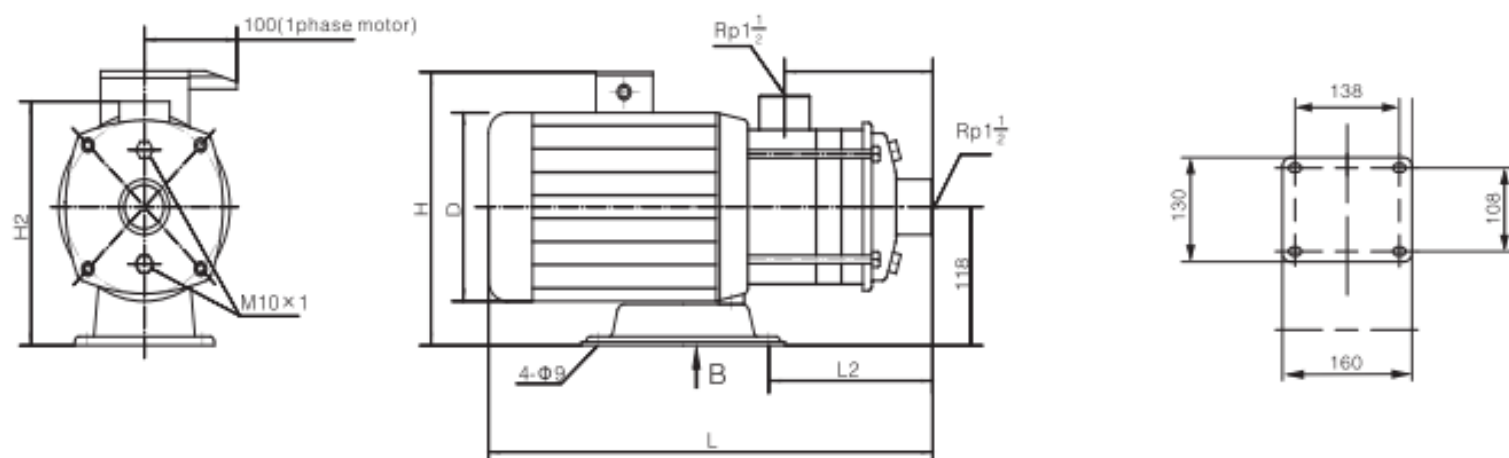
SEM Proudct range introduction

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)	7	9	11	12	13	15	16
	(kW)	(HP)								
SEM12-20	1.2	1.6	H (m)	23	22	20.5	19.5	18.5	15.5	13
SEM12-30	1.8	2.4		35	33.5	31	29.5	28	23.5	20
SEM12-40	2.4	3.3		47	45	41.5	39.5	37.5	31.5	27.5
SEM12-50	3	4		60	56.5	52.5	50	47	40	35

Installation dimensions and weight



Motor	Model	Dimension (mm)						Weight (kg)
		L	L2	L3	H	H2	D	
3ph/1ph	SEM12-20	430	139	111	225/255	220	156	20
	SEM12-30	470	169	141	240/270	220	166	24
	SEM12-40	510	199	171	240/270	220	/166	28
	SEM12-50	540	229	201	270/	233	178	32

Performance cruve

