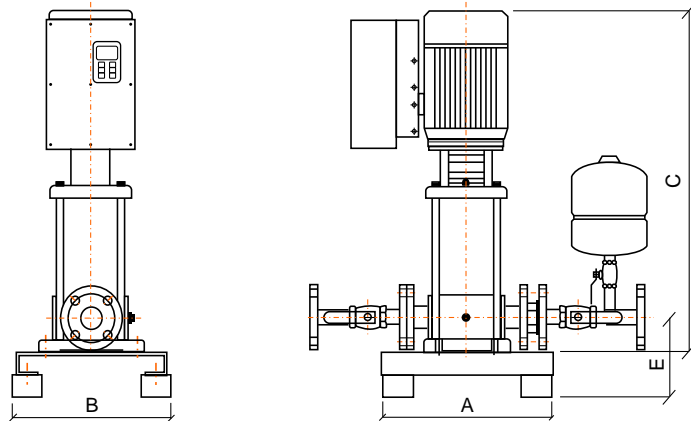


Booster Pump Systems Vertical Type

1 PL Series

Outline Diagram

For CS / CM / MM / PM Series
VFD Motor Mounted Type



Performance Data and Dimensions

Model 3 Phase	Power		Manifold (mm)	Pressure Tank(L)	Flow m ³ /h	Dimensions (mm)													
	kW	HP				A	B	C	E										
1PL2-60	0.75	1.0	25	24	Head (m)	1.0	1.5	2.0	2.5	3.0	3.5					350	400	592	175
1PL2-110	1.1	1.5	25	24		1.5	2.0	2.5	3.0	3.5						350	400	682	175
1PL2-180	2.2	3.0	25	24		2.0	2.5	3.0	3.5							350	400	818	175
1PL2-260	3.0	4.0	25	24		2.5	3.0	3.5								350	400	1022	175
Model 3 Phase	Power		Manifold (mm)	Pressure Tank(L)	Flow m ³ /h	Dimensions (mm)													
kW	HP	A				B	C	E											
1PL4-60	1.1	1.5	32	24	Head (m)	2	3	4	5	6	7	8				350	400	646	175
1PL4-80	1.5	2	32	24		3	4	5	6	7	8					350	400	710	175
1PL4-100	2.2	3	32	24		4	5	6	7	8						350	400	764	175
1PL4-120	2.2	3	32	24		5	6	7	8							350	400	818	175
1PL4-140	3.0	4	32	24		6	7	8								350	400	932	175
1PL4-160	3.0	4	32	24		7	8									350	400	986	175
Model 3 Phase	Power		Manifold (mm)	Pressure Tank(L)	Flow m ³ /h	Dimensions (mm)													
kW	HP	A				B	C	E											
1PL8-30	1.1	1.5	40	24	Head (m)	5	6	7	8	9	10	11	12			350	400	671	180
1PL8-50	2.2	3	40	24		6	7	8	9	10	11	12				350	400	741	180
1PL8-60	2.2	3	40	24		7	8	9	10	11	12					350	400	771	180
1PL8-80	3.0	4	40	24		8	9	10	11	12						350	400	891	180
1PL8-100	4.0	5.5	40	24		9	10	11	12							350	400	951	180
1PL8-120	4.0	5.5	40	24		10	11	12								350	400	1011	180
Model 3 Phase	Power		Manifold (mm)	Pressure Tank(L)	Flow m ³ /h	Dimensions (mm)													
kW	HP	A				B	C	E											
1PL16-20	2.2	3	50	24	Head (m)	8	10	12	14	16	18	20	22			350	400	686	190
1PL16-30	3.0	4	50	24		10	12	14	16	18	20	22				350	400	821	190
1PL16-40	4.0	5.5	50	24		12	14	16	18	20	22					350	400	866	190
1PL16-50	5.5	7.5	50	24		14	16	18	20	22						350	400	957	190
1PL16-60	5.5	7.5	50	24		16	18	20	22							350	400	1002	190
1PL16-80	7.5	10	50	24		18	20	22								350	400	1092	190
Model 3 Phase	Power		Manifold (mm)	Pressure Tank(L)	Flow m ³ /h	Dimensions (mm)													
kW	HP	A				B	C	E											
1PL32-20-2	3.0	4	65	24	Head (m)	16	20	24	28	32	36	40				450	600	905	225
1PL32-20	4.0	5.5	65	24		20	24	28	32	36	40					450	600	905	225
1PL32-30	5.5	7.5	65	24		24	28	32	36	40						450	600	1065	225
1PL32-40	7.5	10	65	24		28	32	36	40							450	600	1135	225
1PL32-50	11.0	15	65	24		32	36	40								450	600	1395	225
1PL32-60	11.0	15	65	24		36	40									450	600	1465	225
1PL32-70	15	20	65	24		40										450	600	1535	225