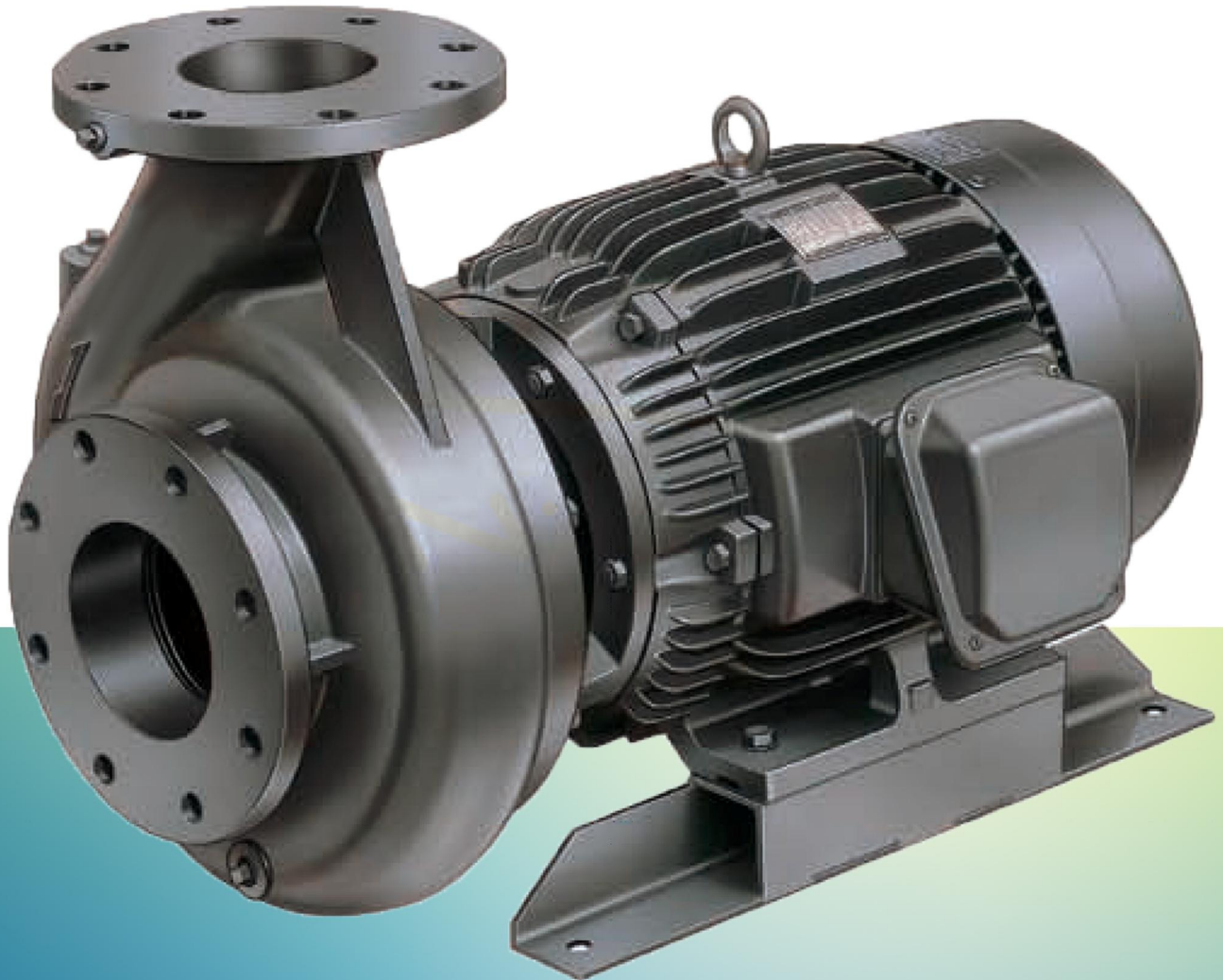




APEC-SUN

End Suction Pump Monoblock



APPLICATIONS:

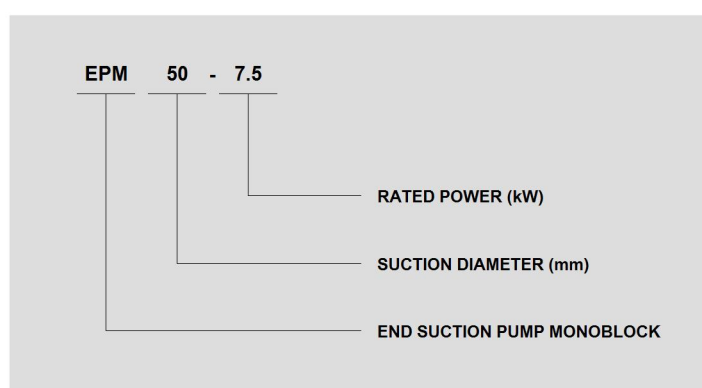
The pump specially apply to air-condition cold or hot water circulation and also apply to the following:

- Can be used together with equipment.
- Water-supplying system of apartment (building).
- Industrial water supply.
- Fire-fighting water system.
- Construction engineering water supply.
- Waste water treatment.
- Farm water irrigation.
- Boiler water supply.

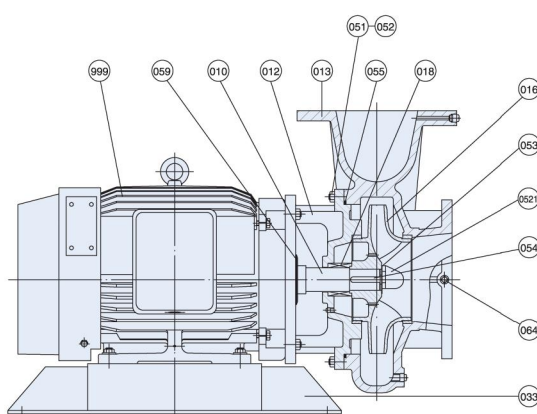
FEATURES:

- The optimal hydraulic model is used for impeller, the pump is of an utmost dynamic-static balance and reliable performance.
- The pump shaft is an extended one from the motor, so the concentricity is absolutely reliable.
- The pump which is supported by imported bearing, runs at little vibration and low noise.
- Single-stage single-suction horizontal centrifugal pump; closed impeller and volute chamber are adopted.
- Coaxial volute structure, high efficiency, small volume, light weight, easy installation and maintenance.
- Mechanical seal, no damage to shaft, no leakage, long duration.
- Can choose other materials according to the customer's requirement (there are cast iron material dimensions in this catalog, stainless steel size provide separately.)

TYPE DESCRIPTION:



CONSTRUCTION:



NO.	NAME	MATERIAL
010	Shaft	SUS410
012	Bracket	FC200
013	Pump Casing	FC200
014	Impeller	FC200
018	Mechanical seal	C/AL ₂ O ₃
033	Feet	FC200/SS34
051	Screw	SS34
052	Nut	S45C
0521	Nut	FC200
053	Stop Washer	SS34
054	Key	S45C
055	O-Ring	NBR
059	Water Slinger	NBR
064	Plug	SS34
999	Motor	

PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED (r/min)	CAPACITY (m ³ /hr)	HEAD (m)	EFF (%)	MOTOR POWER		NPSHr (m)	DIA. (mm)	WEIGHT (kg)
					(HP)	(kW)			
EPM25-0.4	2900	2	15	30	0.5	0.37	2	25	34
		2.5	13	35			2		
		3	12	34			2		
EPM40-0.8	2900	7.2	13	50	1	0.75	2	40	42
		9	11.5	55			2		
		10.8	10.5	54			2		
EPM40-1.5	2900	8.8	17.5	52	2	1.5	2	40	47
		11	16	58			2		
		13.2	14	57			2.2		
EPM50-0.8	2900	12.8	9.5	51	1	0.75	2	50	47
		16	8	55			2		
		19.2	7	54			2.2		
EPM50-1.5	2900	8.6	25.5	47	2	1.5	2	50	56
		10.8	24	53			2		
		13	21.5	52			2.2		
EPM50-2.2	2900	9.4	29.5	47	3	2.2	2	50	64
		11.7	28	52			2		
		14	25	50			2.4		
EPM50-3.7	2900	9.4	46	43	5	3.7	2	50	81
		11.7	44	46			2		
		13	40	45			2.5		
EPM50-5.5	2900	10	52	46	7.5	5.5	2.1	50	105
		12.5	50	48			2.2		
		15	47	46			2.5		
EPM50-7.5	2900	9.4	72	31	10	7.5	2.2	50	125
		11.7	70	36			2.4		
		13	66	34			2.5		
EPM65-1.5	2900	16.8	16.5	60	2	1.5	2	65	55
		21	15	67			2		
		25.2	13	66			2.5		
EPM65-2.2	2900	16.8	22	56	3	2.2	2	65	62
		21	20	61			2.1		
		25.2	16.5	59			2.4		
EPM65-3.7	2900	20	34	60	5	3.7	2	65	80
		25	32	65			2		
		30	28	64			2.5		
EPM65-5.5	2900	17.4	40.5	50	7.5	5.5	2	65	108
		21.7	38	56			2		
		26	34	54			2.5		
EPM65-7.5	2900	20	51.5	57	10	7.5	2	65	114
		25	50	61			2		
		30	47	60			2.5		
EPM65-11	2900	18.4	72	48	15	11	2	65	180
		23	70	52			2		
		27.6	66.5	51			2.5		
EPM65-15	2900	20	82	37	20	15	2	65	198
		25	80	53			2		
		30	74	50			2.5		
EPM80-3.7	2900	35.8	18	66	5	3.7	3	80	72
		44.7	16	73			3		
		53.6	14	72			3.5		

PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED (r/min)	CAPACITY (m ³ /hr)	HEAD (m)	EFF (%)	MOTOR POWER		NPSHr (m)	DIA. (mm)	WEIGHT (kg)
					(HP)	(kW)			
EPM80-5.5	2900	34.6	26	66	7.5	5.5	2.5	80	110
		43.3	24	69			2.5		
		52	21	67			2.5		
EPM80-7.5	2900	32	38	60	10	7.5	2.5	80	117
		40	36	67			2.5		
		48	33	66			3		
EPM80-11	2900	37.4	46.5	61	15	11	2.5	80	190
		44	44	67			2.5		
		56.2	41	66			3		
EPM80-15	2900	34.6	64	53	20	15	2.5	80	240
		43.3	60	59			2.5		
		52	57	58			3		
EPM80-18.5	2900	37	73.5	50	25	18.5	2.5	80	260
		46.8	70	61			2.5		
		56	65	60			3		
EPM80-22	2900	40	84	54	30	22	2.5	80	300
		50	80	63			2.5		
		60	75	62			3		
EPM80-30	2900	36.4	108	46	40	30	3	80	360
		45.4	103	50			3		
		54.5	93	49			3		
EPM80-37	2900	40	132	49	50	37	3	80	410
		50	125	54			3		
		60	119	53			3.5		
EPM100-3.7	2900	56	13.5	66	5	3.7	3.5	100	90
		70	12	73			4		
		84	10	72			4.5		
EPM100-5.5	2900	68	17.5	48	7.5	5.5	4	100	104
		85	16	76			4.5		
		102	14	75			4.5		
EPM100-7.5	2900	72	22.5	69	10	7.5	4	100	122
		90	20	76			4.5		
		108	18	75			5		
EPM100-11	2900	72	31.5	71	15	11	3.5	100	184
		90	28	77			4		
		108	26	76			5		
EPM100-15	2900	69.2	40	67	20	15	3	100	196
		86.6	38	72			3.5		
		102	34.5	71			3.6		
EPM100-18.5	2900	74.8	46	68	25	18.5	2.5	100	260
		93.5	44	74			2.5		
		112.2	40	73			3		
EPM100-22	2900	80	52.5	68	30	22	3	100	330
		100	50	76			3.5		
		120	46	75			4		
EPM100-30	2900	74.8	74	65	40	30	2.5	100	392
		93.5	70	70			3.5		
		112.2	64	69			4		
EPM100-37	2900	80	84	65	50	37	2.5	100	412
		100	80	70			3.5		
		120	72	69			4		

PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED (r/min)	CAPACITY (m ³ /hr)	HEAD (m)	EFF (%)	MOTOR POWER		NPSHr (m)	DIA. (mm)	WEIGHT (kg)
					(HP)	(kW)			
EPM100-45	2900	72	106	54	60	45	2.5	100	472
		90	100	62			3.5		
		108	91	60			4		
EPM100-55	2900	76.4	118	58	75	55	3	100	562
		95.5	114	64			3		
		115	102	63			4		
EPM150-30	2900	144	43	71	40	30	3.1	150	460
		180	40	76			3.1		
		216	35	75			3.4		
EPM150-37	2900	144	51	70	50	37	3	150	490
		180	48	75			3		
		216	43.5	74			4		
EPM150-45	2900	144	61	70	60	45	3.5	150	542
		180	58	75			3.5		
		216	52	74			4.5		
EPM150-55	2900	150	76	68	75	55	4	150	650
		187	70	74			4		
		224	63	73			5		
EPM150-75	2900	160	85	68	100	75	4	150	730
		200	80	78			4.2		
		240	72	76			5		

PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED (r/min)	CAPACITY (m ³ /hr)	HEAD (m)	EFF (%)	MOTOR POWER		NPSHr (m)	DIA. (mm)	WEIGHT (kg)
					(HP)	(kW)			
EPM50-1.5	1450	8.6	16.5	39	2	1.5	2.5	50	64
		10.8	15	44			2.5		
		13	14	43			3		
EPM50-2.2	1450	7.5	21	35	3	2.2	2	50	80
		12.5	20	46			2		
		15	19.4	45			2.5		
EPM65-1.5	1450	18.7	11.8	56	2	1.5	2.5	65	65
		23.4	11	63			2.5		
		28	10.2	62			3		
EPM65-2.2	1450	18.7	18.3	53	3	2.2	2.5	65	84
		23.4	17	58			2.5		
		28	15.5	52			3		
EPM65-3.7	1450	17	27	42	5	3.7	2.5	65	110
		21.4	25	47			2.5		
		25.6	22.5	45			3		
EPM65-3.7(I)	1450	20	22	54	5	3.7	2.5	65	102
		25	20	60			2.5		
		30	18.5	59			3		
EPM65-5.5	1450	20	33	48	7.5	5.5	2.5	65	130
		25	32	54			2.5		
		30	30.8	53			3		
EPM80-2.2	1450	32	14	56	3	2.2	2	80	92
		40	12	63			2		
		48	9	62			2.5		
EPM80-3.7	1450	37	18.7	59	5	3.7	2	80	115
		46.7	17	64			2		
		56	16.6	63			2.5		
EPM80-5.5	1450	40	22	60	7.5	5.5	2	80	140
		50	20	66			2		
		60	18	65			2.5		
EPM80-7.5	1450	37	30	56	10	7.5	2	80	165
		46.7	28	62			2		
		56	26.5	61			2.5		
EPM80-11	1450	40	34.2	60	15	11	2	80	210
		50	32	64			2		
		60	29	63			2.5		
EPM100-3.7	1450	69.2	10.5	66	5	3.7	2.5	100	120
		86.5	9.5	71			2.5		
		103.8	8	70			3		
EPM100-5.5	1450	69.2	16.6	67	7.5	5.5	2.5	100	143
		86.5	15	73			2.5		
		103.8	13.2	72			3		
EPM100-7.5	1450	74.8	18.5	69	10	7.5	2.5	100	182
		93.5	17.5	74			2.5		
		112.2	16	73			3		
EPM100-11	1450	72.6	27.2	62	15	11	2.5	100	260
		90.8	25.8	69			2.5		
		109	22.8	68			3		
EPM100-15	1450	80	33.5	67	20	15	2.5	100	282
		100	32	72			2.5		
		120	29.5	71			3		

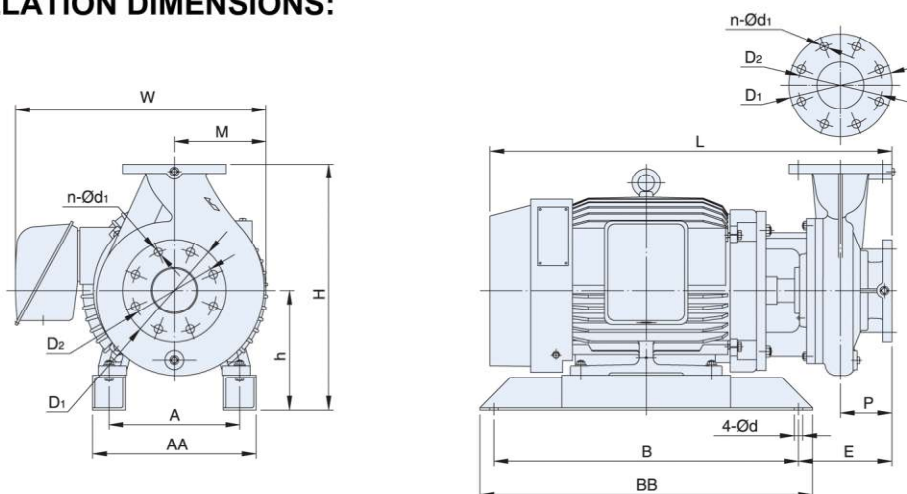
PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED (r/min)	CAPACITY (m ³ /hr)	HEAD (m)	EFF (%)	MOTOR POWER		NPSHr (m)	DIA. (mm)	WEIGHT (kg)
					(HP)	(kW)			
EPM100-18.5	1450	72	40	58	25	18.5	2.5	100	350
		90	38	62			2.5		
		108	35.5	61			3		
EPM150-5.5	1450	108	11	71	7.5	5.5	3	150	202
		130	10	75			3		
		156	9	74			3.5		
EPM150-7.5	1450	107	15	71	10	7.5	3	150	230
		134	14	79			3		
		160	12.5	78			3.5		
EPM150-11	1450	120	18.5	74	15	11	2.5	150	296
		147	17	81			2.5		
		180	15	80			3		
EPM150-15	1450	128	21.5	75	20	15	2.5	150	317
		160	20	82			2.5		
		192	18	81			3		
EPM150-18.5	1450	120	30	66	25	18.5	2.5	150	380
		150	28	73			2.5		
		180	25	72			3		
EPM150-22	1450	128	34.8	68	30	22	2.5	150	402
		160	32	74			2.5		
		192	28	73			3		
EPM150-22(I)	1450	108	38	69	30	22	3	150	422
		130	36	71			3		
		156	33	70			3.5		
EPM150-30	1450	120	48.5	66	40	30	3	150	440
		150	45	72			3		
		180	41	71			3.5		
EPM200-11	1450	133	15	68	15	11	3	200	276
		167	14	76			3		
		200	13	75			3		
EPM200-15	1450	148	19	72	20	15	2.5	200	300
		185	17	78			2.5		
		222	15	77			3		
EPM200-18.5	1450	160	21.5	72	25	18.5	2.5	200	370
		200	20	80			2.5		
		240	18	78			3		
EPM200-22	1450	148	31	72	30	22	3	200	400
		185	28	78			3		
		222	34	77			3.5		
EPM200-30	1450	160	34.6	72	40	30	3	200	478
		200	32	79			3		
		240	30	78			3.5		
EPM200-30(I)	1450	136	41	66	40	30	2.5	200	500
		170	38	72			2.5		
		204	34	71			3		
EPM200-37	1450	176	43	70	50	37	3	200	530
		200	40	76			3.5		
		264	36	74			4		
EPM200-37(I)	1450	114	46.5	69	50	37	3	250	532
		180	44	75			3.5		
		216	40.5	73			4		

PERFORMANCE PARAMETERS:

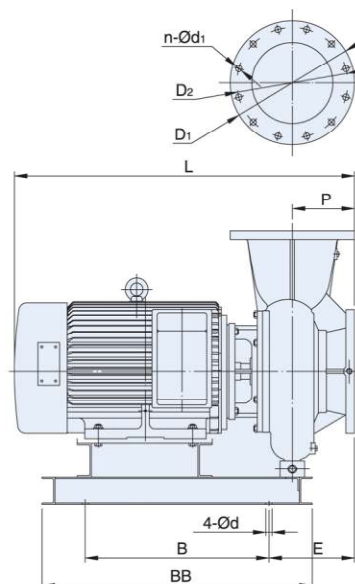
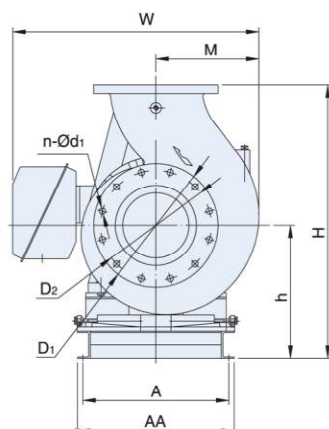
PUMP MODEL	SPEED (r/min)	CAPACITY (m ³ /hr)	HEAD (m)	EFF (%)	MOTOR POWER		NPSHr (m)	DIA. (mm)	WEIGHT (kg)
					(HP)	(kW)			
EPM250-18.5	1450	264	15	75	25	18.5	4	250	395
		330	14	78			5		
		396	13	77			6		
EPM250-22	1450	288	18	73	30	22	4	250	415
		360	16	79			5		
		432	14	78			6		
EPM250-30	1450	320	22	74	40	30	3	250	520
		400	20	80			3.5		
		480	17	79			5		
EPM250-37	1450	304	28	72	50	37	3.5	250	570
		380	26	78			4		
		456	22	77			5		
EPM250-45	1450	320	31	72	60	45	3.5	250	610
		400	28	78			4		
		480	24	77			5		
EPM250-45(I)	1450	560	17.5	74	60	45	6	250	592
		700	16	79			6		
		840	14	78			6		
EPM250-55	1450	320	34.5	75	75	55	5	250	725
		400	32	81			5.5		
		480	28.5	80			6		
EPM250-55(I)	1450	288	43	75	75	55	5	250	720
		360	40	80			5		
		432	35	79			5.2		
EPM250-55(II)	1450	480	25	76	75	55	6	250	695
		600	23	81			6		
		720	20	80			6		
EPM250-75	1450	460	27.5	76	100	75	6	250	810
		700	25	81			6		
		840	21.5	80			6		
EPM250-75(I)	1450	528	31	74	100	75	6	250	840
		660	28	80			6		
		792	25.5	79			6		
EPM300-90	1450	576	34	75	125	90	5	300	1200
		720	32	80			5		
		864	27	79			5.5		
EPM300-90(I)	1450	528	43	75	125	90	5	300	1250
		660	40	81			5		
		792	33	80			5		

INSTALLATION DIMENSIONS:



PUMP MODEL	A	AA	B	BB	Ød	E	H	h	L	M	P	W	D1	D2	n-Ød1
EPM25-0.4	112	159	250	290	14	92	221	101	341.5	86	60	216	115	85	4-Ø14
EPM40-0.8	125	177	290	342	14	86.5	240	110	371	95.5	65	242	150	110	4-Ø18
EPM40-1.5	140	192	290	342	14	104.5	250	120	408	103.5	65	268	150	110	4-Ø18
EPM50-0.8	125	177	290	342	14	86.5	240	110	371	95.5	65	242	150	125	4-Ø18
EPM50-1.5	140	192	290	342	14	125.5	260	120	429	104	80	268	165	125	4-Ø18
EPM50-2.2	140	210	290	340	14	142.5	345	165	446	132	92	296	185	125	4-Ø18
EPM50-3.7	190	252	390	436	18	125	325	145	502.5	132	92	312	185	125	4-Ø18
EPM50-5.5	216	278	390	436	18	138	345	165	544	143	92	355	185	125	4-Ø18
EPM50-7.5	216	266	390	450	14	168	412	187	574	161	100	372	185	125	4-Ø18
EPM65-1.5	140	192	290	342	14	125.5	280	120	429	110	80	275	185	145	4-Ø18
EPM65-2.2	140	192	290	342	14	125.5	280	120	429	110	80	275	185	145	4-Ø18
EPM65-3.7	190	252	390	436	18	125	325	145	503	132	92	312	185	145	4-Ø18
EPM65-5.5	216	278	390	436	18	138	345	165	544	143	92	356	185	145	4-Ø18
EPM65-7.5	216	278	390	436	18	153	345	165	559	142	92	353	185	145	4-Ø18
EPM65-11	254	324	500	560	18	166	460	235	696	161	100	436	185	145	4-Ø18
EPM65-15	254	324	500	560	18	166	460	235	696	161	100	436	185	145	4-Ø18
EPM80-3.7	190	252	390	436	18	134	305	145	512	128	100	308	200	160	8-Ø18
EPM80-5.5	216	278	390	436	18	153	385	165	559	148	100	361	200	160	8-Ø18
EPM80-7.5	216	278	390	436	18	168	385	165	574	148	100	359	200	160	8-Ø18
EPM80-11	254	324	500	560	18	166	455	235	696	161	100	436	200	160	8-Ø18
EPM80-15	254	324	500	560	18	166	495	235	696	173	100	448	200	160	8-Ø18
EPM80-18.5	254	324	500	560	18	247	495	235	800	173	100	448	200	160	8-Ø18
EPM80-22	279	349	580	640	18	201.5	525	255	816.5	199	100	539	200	160	8-Ø18
EPM80-30	279	349	650	710	18	202.5	545	255	861	204	110	544	220	160	8-Ø18
EPM80-37	318	388	650	710	18	226.5	575	275	926	215.5	110	579.5	220	160	8-Ø18
EPM100-3.7	190	260	290	340	14	193	367	187	521	148	100	328	220	180	8-Ø18
EPM100-5.5	216	278	390	436	18	156	345	165	562	148	100	361	220	180	8-Ø18
EPM100-7.5	216	278	390	436	18	171	345	165	577	148	100	359	220	180	8-Ø18
EPM100-11	254	324	500	560	18	169	460	235	699	161	100	436	220	180	8-Ø18
EPM100-15	254	324	500	560	18	169	460	235	699	161	100	436	220	180	8-Ø18
EPM100-18.5	254	324	500	560	18	269	505	235	822	192	110	467	220	180	8-Ø18
EPM100-22	279	349	580	640	18	217.5	525	255	832.5	199	110	539	220	180	8-Ø18
EPM100-30	279	349	650	710	18	199.5	525	255	858	196	110	536	220	180	8-Ø18
EPM100-37	318	388	650	710	18	226.5	565	275	926	204	110	568	220	180	8-Ø18
EPM100-45	318	388	650	710	18	226.5	575	275	926	214	110	578	220	180	8-Ø18
EPM100-55	356	456	750	810	24	175	632	332	935	245	110	640	220	180	8-Ø18
EPM150-30	279	349	650	710	18	227.5	535	255	886	206	140	546	285	240	8-Ø22
EPM150-37	318	388	650	710	18	251.5	555	275	951	206	140	571	285	240	8-Ø22
EPM150-45	318	388	650	710	18	251.5	555	275	951	206	140	571	285	240	8-Ø22
EPM150-55	356	456	750	810	24	206	632	332	966	245	140	640	285	240	8-Ø22
EPM150-75	406	506	750	810	24	237.5	657	357	1059.5	255	140	785	285	240	8-Ø22

INSTALLATION DIMENSIONS:



PUMP MODEL	A	AA	B	BB	Ød	E	H	h	L	M	P	W	D1	D2	n-Ød1
EPM50-1.5	140	210	290	340	14	154.5	390	165	458	161	100	331	185	125	4-Ø18
EPM50-2.2	160	230	290	340	14	183	400	175	503	161	100	325	185	125	4-Ø18
EPM65-1.5	140	210	290	340	14	151.5	390	165	455	161	100	331	185	145	4-Ø18
EPM65-2.2	160	230	290	340	14	183	400	175	503	161	100	325	185	145	4-Ø18
EPM65-3.7	190	253	290	340	14	194	509	219	517	201	100	393	200	145	4-Ø18
EPM65-3.7(I)	190	253	290	340	14	194	489	219	517	192	100	363	200	145	4-Ø18
EPM65-5.5	216	286	390	450	14	174	498	208	580	201	100	418	200	145	4-Ø18
EPM80-2.2	160	230	290	340	314	183	435	175	503	173	100	337	200	160	8-Ø18
EPM80-3.7	190	260	390	450	14	140	447	187	513	173	100	359	200	160	8-Ø18
EPM80-5.5	216	286	390	450	14	180	477	207	580	192	100	409	200	160	8-Ø18
EPM80-7.5	216	286	390	450	14	193	497	207	618	201	100	418	200	160	8-Ø18
EPM80-11	254	324	500	560	18	172	525	235	702	201	100	476	200	160	8-Ø18
EPM100-3.7	190	260	390	450	14	162	457	187	535	192	110	378	220	180	8-Ø18
EPM100-5.5	216	286	390	450	14	190	477	207	596	192	110	409	220	180	8-Ø18
EPM100-7.5	216	286	390	450	14	209	477	207	634	192	110	409	220	180	8-Ø18
EPM100-11	254	324	500	560	18	191	535	235	721	214	110	489	220	180	8-Ø18
EPM100-15	254	324	500	560	18	213	535	235	765	214	110	489	220	180	8-Ø18
EPM100-18.5	279	359	580	640	18	259	692	312	874	268	140	608	285	180	8-Ø18
EPM150-5.5	190	253	390	450	14	190	499	219	563	206	140	392	285	240	8-Ø22
EPM150-7.5	216	286	390	450	14	237	487	207	662	206	140	423	285	240	8-Ø22
EPM150-11	254	324	500	560	18	222	535	235	752	227	140	502	285	240	8-Ø22
EPM150-15	254	324	500	560	18	241	535	235	796	227	140	503	285	240	8-Ø22
EPM150-18.5	279	349	580	640	18	243	605	255	858	249	125	589	285	240	8-Ø22
EPM150-22	279	349	580	640	18	243	605	255	858	249	125	590	285	240	8-Ø22
EPM150-22(I)	279	359	580	640	18	259	667	287	874	268	140	608	285	240	8-Ø22
EPM150-30	279	359	650	710	18	241	667	287	899	268	140	608	285	240	8-Ø22
EPM200-11	254	324	500	560	18	249	535	235	779	241	160	516	340	295	8-Ø22
EPM200-15	254	324	500	560	18	271	535	235	823	241	160	516	340	295	8-Ø22
EPM200-18.5	279	359	580	640	18	284	607	287	898.5	255	160	595	340	295	8-Ø22
EPM200-22	279	359	580	640	18	284	647	287	898.5	268	160	608	340	295	8-Ø22
EPM200-30	279	359	650	710	18	266	647	287	924	268	160	608	340	295	8-Ø22
EPM200-30(I)	279	359	650	710	18	266	678	287	924	286	160	626	340	295	8-Ø22
EPM200-37	318	398	650	710	18	290	697	307	989	287	160	652	340	295	8-Ø22
EPM200-37(I)	318	398	650	710	18	290	697	307	989	287	160	652	340	295	8-Ø22
EPM250-18.5	279	359	580	640	18	338.5	667	287	953.5	304	205	644	395	350	12-Ø22
EPM250-22	279	359	580	640	18	38.5	667	287	953.5	304	205	644	395	350	12-Ø22
EPM250-30	279	359	650	710	18	326	762	312	984	331	200	671	395	350	12-Ø22
EPM250-37	318	398	650	710	18	350	757	307	1049	331	200	696	395	350	12-Ø22
EPM250-45	318	398	650	710	18	350	758	307	1049	329	200	694	395	350	12-Ø22
EPM250-45(I)	318	398	650	710	18	350	757	307	1049	330	200	695	395	350	12-Ø22
EPM250-55	256	456	750	810	24	298	782	332	1058	329	200	724	395	350	12-Ø22
EPM250-55(I)	256	456	750	810	24	298	782	332	1058	329	200	724	395	350	12-Ø22
EPM250-55(II)	256	456	750	810	24	298	782	332	1058	331	200	726	395	350	12-Ø22
EPM250-75	406	506	750	810	24	329.5	807	357	1151.5	331	200	861	395	350	12-Ø22
EPM250-75(I)	406	506	800	860	24	305	807	357	1151.5	329	200	859	395	350	12-Ø22
EPM300-90	540	580	680	1000	24	317	1012	492	1259	381	230	911	445	400	12-Ø22
EPM300-90(I)	540	580	680	1000	24	299	1096	516	1241	384	230	914	445	400	12-Ø22