

PLUS SV/SL/SLX

Multistage Vertical

Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids, pressurizing system, irrigation, drinking and glycol water, water treatment, food industry, heating and air conditioning, washing system.

Construction features

Pump body	cast iron (SV/SL); stainless steel AISI 304 (SLX)
Motor bracket	cast iron
Impellers, diffusers, shell, motor shaft	stainless steel AISI 304
Mechanical seal	ceramic-graphite-EPDM graphite-silicon carbide-EPDM
Intermediate shaft guiding stage bush	ceramic-tungsten carbide
Ambient temperature	max 40 °C
Liquid temperature	+5 ÷ 90 °C (SV) -15 ÷ 110 °C (SL/SLX)
Max operating pressure	8 bar ≤ 6 impellers 14 bar ≥ 7 impellers
Pump body gasket	EPDM

Motor

2 pole induction motor	3~ 230/400V - 50Hz P ≤ 4kW 3~ 400/690V - 50Hz P > 4kW 1- 230V-50Hz (with thermal protection up to 1,85 kW)
Insulation class	F
Protection degree	IPX4 IPX5 ≥ 4,5 HP



PLUS SV



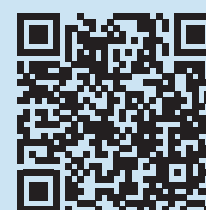
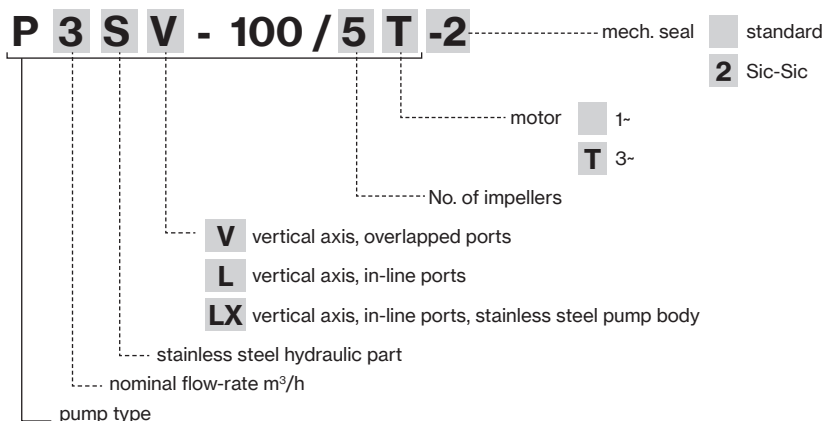
PLUS 3-5-7 SL



PLUS 9-18 SL



PLUS SLX



PLUS SV/SL/SLX

TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)						
1~	3~					1~	3~	0	0,6	1,2	1,8	2,4	3,6	4,8
		HP	kW	1~	3~	1- 230V 50 Hz	3-400V 50 Hz	H (m)						
P 3...-100/5	P 3...-100/5T	1	0,75	1	0,9	4,4	1,7	55,3	53,5	50,3	46,5	42,1	31,6	17,7
P 3...-120/6	P 3...-120/6T	1,2	0,9	1,1	1,1	5,1	2,5	66,6	64,4	60,8	56,0	50,7	38,1	22,4
P 3...-150/7	P 3...-150/7T	1,5	1,1	1,4	1,4	6,6	3,1	75,6	73,3	69,4	64,8	58,9	44,4	26,1
P 3...-180/8	P 3...-180/8T	2	1,5	1,5	1,5	7,0	3,2	86,7	83,9	79,3	73,9	67,3	51,0	29,9
P 3...-200/9	P 3...-200/9T	2	1,5	1,7	1,6	7,6	3,3	97,0	93,8	88,5	82,5	74,7	56,4	32,9
P 3...-250/10	P 3...-250/10T	2	1,5	1,9	1,7	8,6	3,5	107,2	103,4	97,3	90,5	82,0	61,5	35,6
P 3...-280/11	P 3...-280/11T	2,5	1,85	2,1	1,9	9,8	3,9	117,2	112,8	106,6	98,8	89,8	66,8	37,3
P 3...-300/12	P 3...-300/12T	2,5	1,85	2,2	2,1	10,2	4,1	126,4	121,3	114,5	106,1	95,9	71,7	40,0

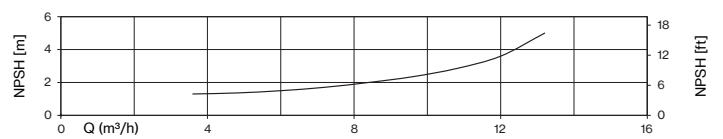
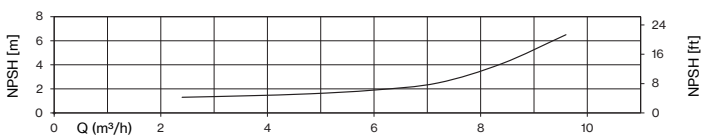
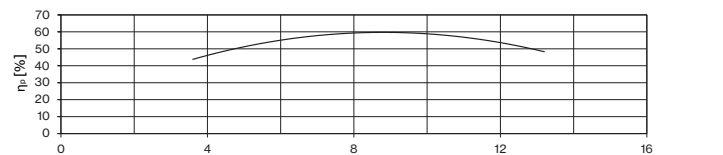
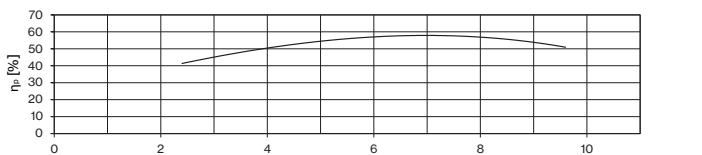
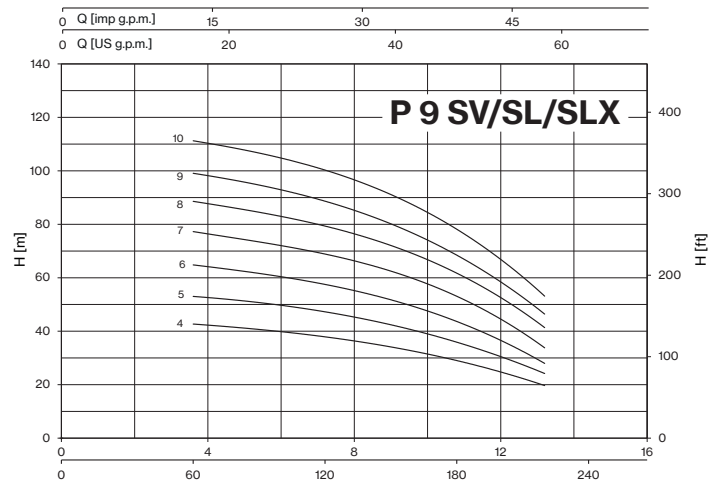
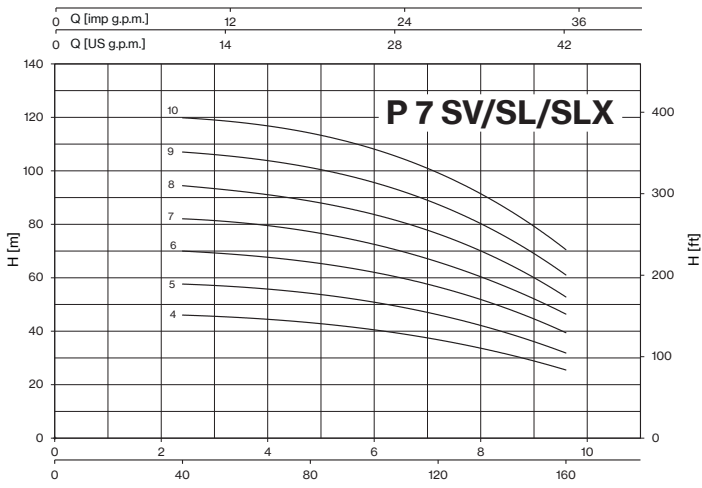
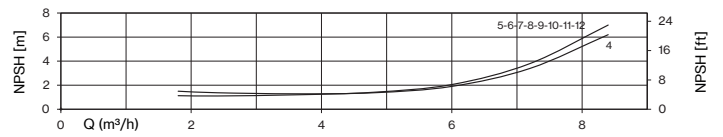
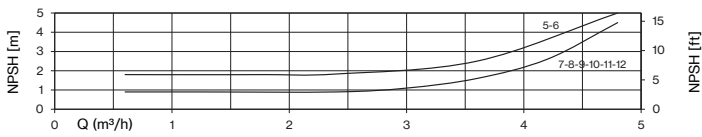
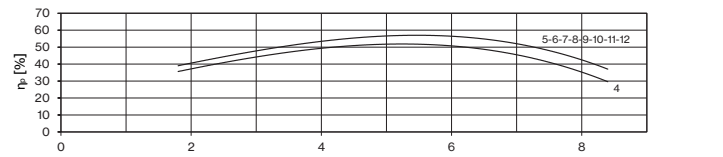
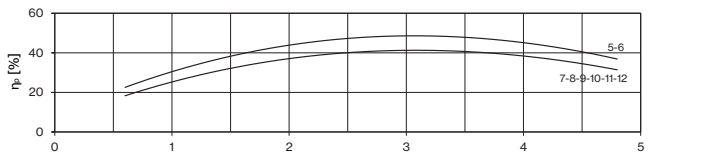
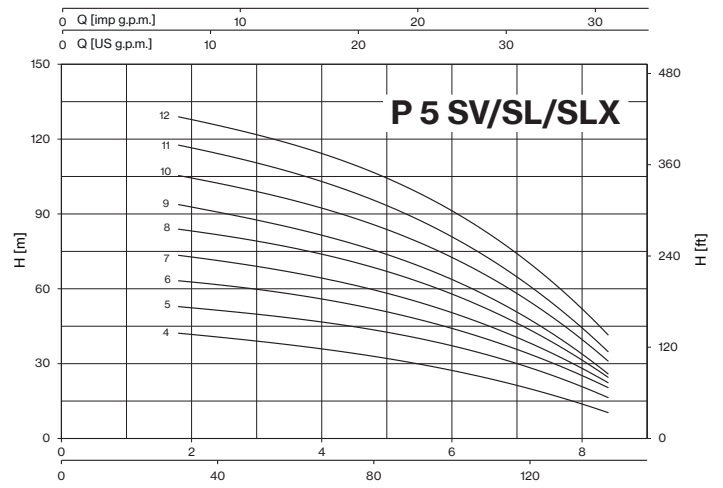
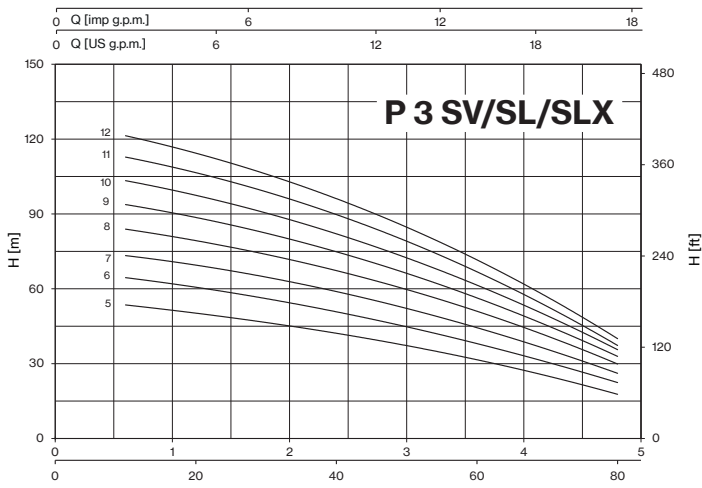
TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)							
1~	3~					1~	3~	0	1,8	2,4	3,6	4,8	6	7,2	8,4
		HP	kW	1~	3~	1- 230V 50 Hz	3-400V 50 Hz	H (m)							
P 5...-120/4	P 5...-120/4T	1,2	0,9	1,09	1,09	4,9	2,4	45,5	42,2	40,7	37,2	32,9	27,4	19,8	10,4
P 5...-150/5	P 5...-150/5T	1,5	1,1	1,4	1,3	6,6	3,1	55,9	52,8	51,4	48,1	43,4	37,3	28,3	16,4
P 5...-180/6	P 5...-180/6T	2	1,5	1,6	1,6	7,4	3,3	67,0	63,3	61,6	57,6	51,9	44,2	33,6	20,4
P 5...-200/7	P 5...-200/7T	2	1,5	1,9	1,8	8,6	3,6	77,8	73,5	71,3	66,3	59,6	50,7	38,0	22,4
P 5...-250/8	P 5...-250/8T	2,5	1,85	2,2	2,1	9,9	4,1	89,2	83,9	81,6	76,2	68,4	58,3	43,2	24,6
P 5...-280/9	P 5...-280/9T	2,5	1,85	2,4	2,3	10,9	4,3	99,7	93,7	90,9	84,1	75,2	64,1	47,4	25,9
P 5...-300/10	P 5...-300/10T	3	2,2	2,7	2,6	12,5	4,9	112,2	105,4	102,4	95,3	85,6	72,6	54,8	31,0
P 5...-350/11	P 5...-350/11T	3,5	2,57	3,0	2,9	13,7	5,3	125,1	117,6	114,3	106,1	95,5	80,9	60,9	34,8
-	P 5...-380/12T	4	3	-	3,2	-	6,0	135,7	128,9	125,6	117,7	106,3	91,3	70,2	41,5

TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)						
1~	3~					1~	3~	0	2,4	3,6	4,8	6	7,2	9,6
		HP	kW	1~	3~	1- 230V 50 Hz	3-400V 50 Hz	H (m)						
P 7...-180/4	P 7...-180/4T	2	1,5	1,8	1,7	8,3	3,5	46,7	46,0	45,2	43,1	40,3	36,9	25,5
P 7...-250/5	P 7...-250/5T	2,5	1,85	2,2	2,1	9,9	4,0	58,5	57,6	56,6	54,1	50,8	46,1	31,8
P 7...-300/6	P 7...-300/6T	3	2,2	2,6	2,5	12,1	4,8	70,6	69,9	68,7	65,8	61,8	56,6	39,3
-	P 7...-350/7T	3,5	2,57	-	2,9	-	5,3	82,8	82,0	80,6	77,2	72,3	66,0	46,4
-	P 7...-400/8T	4	3	-	3,3	-	6,1	94,8	94,3	92,5	88,6	83,2	76,4	52,6
-	P 7...-450/9T	4,5	3,37	-	3,7	-	6,7	107,4	106,9	105,2	101,1	95,3	87,7	61,0
-	P 7...-550/10T	5,5	4	-	4,1	-	7,9	119,8	119,6	118,4	113,9	107,7	99,4	70,4

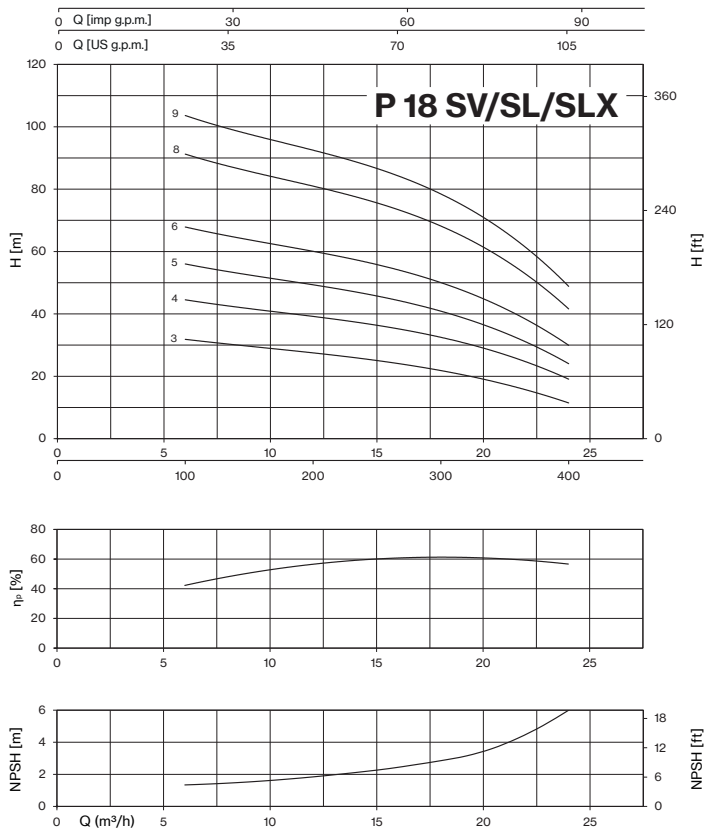
TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)								
1~	3~					1~	3~	0	3,6	4,8	6	7,2	9,6	12	13,2	
																0
		HP	kW	1~	3~	1- 230V 50 Hz	3-400V 50 Hz	H (m)								
P 9...-200/4	P 9...-200/4T	2	1,5	1,8	1,8	8,3	3,6	45,8	42,7	41,5	39,7	37,8	32,7	24,6	19,8	
P 9...-250/5	P 9...-250/5T	2,5	1,85	2,3	2,2	10,4	4,2	57,1	53,1	51,6	49,5	47,2	40,6	30,2	24,4	
P 9...-300/6	P 9...-300/6T	3	2,2	2,8	2,6	12,8	5,0	69,4	64,7	63,0	60,3	57,3	49,8	36,2	28,1	
-	P 9...-400/7T	4	3	-	3,1	-	5,9	82,0	77,2	74,9	72,0	68,7	59,9	44,2	33,9	
-	P 9...-450/8T	4,5	3,37	-	3,6	-	6,5	93,5	88,5	86,3	82,6	79,0	69,5	52,0	41,7	
-	P 9...-500/9T	4,5	3,37	-	4	-	7	105,4	99,1	96,5	92,5	88,3	77,3	57,5	46,9	
-	P 9...-550/10T	5,5	4	-	4,4	-	8,2	117,6	111,2	108,7	104,5	99,9	87,8	66,2	53,4	

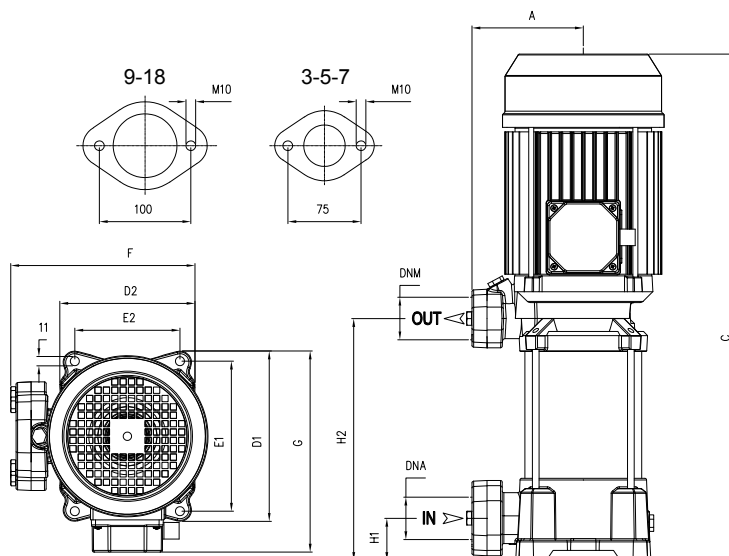
TYPE		P2		P1 (kW)	A	Q (m³/h - l/min)									
3~	3~				0	6	7,2	9,6	12	14,4	16,8	19,2	21,6	24	
															0
		HP	kW	3~	3-400V 50 Hz	H (m)									
P 18...-250/3T		2,5	1,85	2,3	4,3	33,8	31,6	31,0	29,4	27,4	25,4	23,2	20,4	16,3	11,5
P 18...-400/4T		4	3	3,1	5,9	46,3	44,2	43,4	41,4	39,1	36,7	34,1	30,8	25,6	19,0
P 18...-450/5T		4,5	3,37	3,9	6,9	58,1	55,7	54,6	52,1	49,3	46,3	42,9	38,7	32,2	24,0
P 18...-550/6T		5,5	4	4,7	8,5	70,1	67,4	66,3	63,4	60,0	56,4	52,4	47,6	39,6	29,9
P 18...-750/8T		7,5	5,5	6,2	11,2	94,2	90,6	89,1	85,3	80,9	76,2	71,1	65,0	54,6	41,4
P 18...-900/9T		10	7,5	7	12,9	106,4	102,8	101,3	97,2	92,4	87,3	81,6	75,0	63,5	48,5

PLUS SV/SL/SLX



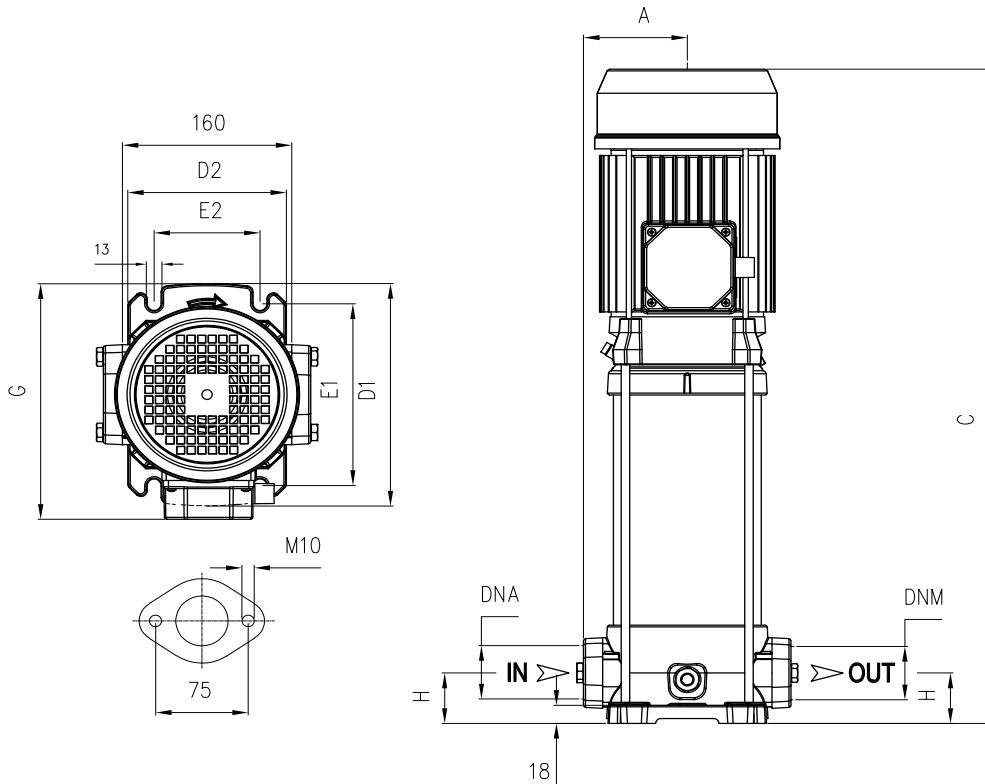
PLUS SV/SL/SLX



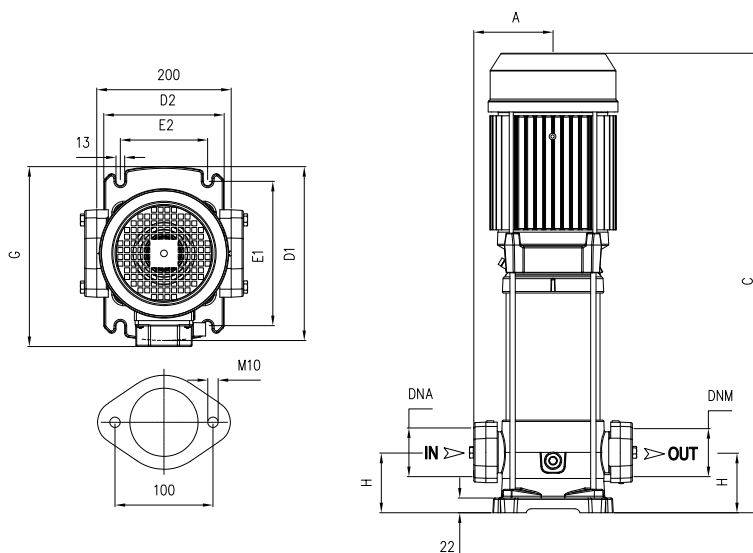


TYPE		DIMENSIONS (mm)											Kg				
-1	-3	A	C	D1	D2	E1	E2	F	G	H1	H2	DNA	DNM	-1	-3		
P 3SV-100/5	P 3SV-100/5T	135	413	204	162	178,5	125	229	213	40	178	1" ¼ G	1" ¼ G	18,5	18,5		
P 3SV-120/6	P 3SV-120/6T	135	437	204	162	178,5	125	229	213	40	202			19,5	19,5		
P 3SV-150/7	P 3SV-150/7T	135	521	204	162	178,5	125	229	220	40	226			26,5	26,5		
P 3SV-180/8	P 3SV-180/8T	135	545	204	162	178,5	125	229	220	40	250			26,5	26,5		
P 3SV-200/9	P 3SV-200/9T	135	569	204	162	178,5	125	229	220	40	274			27,5	27,5		
P 3SV-250/10	P 3SV-250/10T	135	593	204	162	178,5	125	229	220	40	298			28,5	28,5		
P 3SV-280/11	P 3SV-280/11T	135	672 T 617	204	162	178,5	125	229	228 T 220	40	322			32	29		
P 3SV-300/12	P 3SV-300/12T	135	696 T 641	204	162	178,5	125	229	228 T 220	40	346			32,5	28		
P 5SV-120/4	P 5SV-120/4T	135	389	204	162	178,5	125	229	213	40	178			1" ¼ G	1" ¼ G	18,5	18,5
P 5SV-150/5	P 5SV-150/5T	135	473	204	162	178,5	125	229	220	40	202					25,5	25,5
P 5SV-180/6	P 5SV-180/6T	135	497	204	162	178,5	125	229	220	40	226	26	26				
P 5SV-200/7	P 5SV-200/7T	135	521	204	162	178,5	125	229	220	40	250	25,5	26,5				
P 5SV-250/8	P 5SV-250/8T	135	545	204	162	178,5	125	229	220	40	274	27	26				
P 5SV-280/9	P 5SV-280/9T	135	624 T 569	204	162	178,5	125	229	228 T 220	40	298	31	26,5				
P 5SV-300/10	P 5SV-300/10T	135	648 T 593	204	162	178,5	125	229	228 T 220	40	322	35,5	28				
P 5SV-350/11	P 5SV-350/11T	135	672	204	162	178,5	125	229	228	40	346	36	33				
-	P 5SV-380/12T	135	696	204	162	178,5	125	229	228	40	370	-	35,5				
P 7SV-180/4	P 7SV-180/4T	135	422	204	162	178,5	125	229	220	40	178	1" ¼ G	1" ¼ G			23,5	25
P 7SV-250/5	P 7SV-250/5T	135	473	204	162	178,5	125	229	220	40	202			25	24		
P 7SV-300/6	P 7SV-300/6T	135	552 T 497	204	162	178,5	125	229	228 T 220	40	226			32,5	26		
-	P 7SV-350/7T	135	575	204	162	178,5	125	229	228	40	250			-	30		
-	P 7SV-400/8T	135	600	204	162	178,5	125	229	228	40	274			-	33,5		
-	P 7SV-450/9T	135	653	204	162	178,5	125	235	243	40	301			-	39		
-	P 7SV-550/10T	135	676	204	162	178,5	125	235	243	40	325			-	44		
P 9SV-200/4	P 9SV-200/4T	135	473	204	162	178,5	125	229	220	40	202	1" ½ G	1" ¼ G	24	25		
P 9SV-250/5	P 9SV-250/5T	135	503	204	162	178,5	125	229	220	40	232			25,5	24,5		
P 9SV-300/6	P 9SV-300/6T	135	588 T 533	204	162	178,5	125	229	228 T 220	40	262			33	26,5		
-	P 9SV-400/7T	135	617	204	162	178,5	125	229	228	40	292			-	33,5		
-	P 9SV-450/8T	135	677	204	162	178,5	125	235	243	40	325			-	39		
-	P 9SV-500/9T	135	707	204	162	178,5	125	235	243	40	355			-	39,5		
-	P 9SV-550/10T	135	737	204	162	178,5	125	235	243	40	385			-	45		
-	P 18SV-250/3T	135	481	204	162	178,5	125	229	220	50	211			-	25		
-	P 18SV-400/4T	135	573	204	162	178,5	125	229	228	50	248			-	33,5		
-	P 18SV-450/5T	135	640	204	162	178,5	125	235	243	50	289			-	39,5		
-	P 18SV-550/6T	135	678	204	162	178,5	125	235	243	50	326	-	44,5				
-	P 18SV-750/8T	135	815	204	162	178,5	125	255	253	50	401	-	55,5				
-	P 18SV-900/9T	135	852	204	162	178,5	125	255	253	50	439	-	62				

PLUS SL/SLX



TYPE		DIMENSIONS (mm)										Kg					
-1	-3	A	C	D1	D2	E1	E2	G	H	DNA	DNM	SL		SLX			
-1	-3											-1	-3	-1	-3		
P 3...-100/5	P 3...-100/5T	98	429	220	150	180	100	228	50	1" ¼ G	1" ¼ G	19	19	19	19		
P 3...-120/6	P 3...-120/6T	98	453	220	150	180	100	228	50			21,5	21,5	20	20		
P 3...-150/7	P 3...-150/7T	98	537	220	150	180	100	228	50			28,5	28,5	27,5	27,5		
P 3...-180/8	P 3...-180/8T	98	561	220	150	180	100	228	50			28,5	28,5	27,5	27,5		
P 3...-200/9	P 3...-200/9T	98	585	220	150	180	100	228	50			30,5	30,5	29	29,5		
P 3...-250/10	P 3...-250/10T	98	609	220	150	180	100	228	50			31,5	31,5	30,5	30,5		
P 3...-280/11	P 3...-280/11T	98	688 T 633	220	150	180	100	236 T 228	50			35,5	32,5	34	31		
P 3...-300/12T	P 3...-300/12T	98	712 T 657	220	150	180	100	236 T 228	50			36	31,5	34,5	30		
P 5...-120/4	P 5...-120/4T	98	405	220	150	180	100	221	50			1" ¼ G	1" ¼ G	20	20	19	19
P 5...-150/5	P 5...-150/5T	98	489	220	150	180	100	228	50					27,5	27,5	26,5	26,5
P 5...-180/6	P 5...-180/6T	98	513	220	150	180	100	228	50	28	28			26,5	27		
P 5...-200/7	P 5...-200/7T	98	537	220	150	180	100	228	50	27,5	28,5			26	27,5		
P 5...-250/8	P 5...-250/8T	98	561	220	150	180	100	228	50	29	28			28	27		
P 5...-280/9	P 5...-280/9T	98	640 T 585	220	150	180	100	236 T 228	50	34	29,5			33	28,5		
P 5...-300/10	P 5...-300/10T	98	664 T 609	220	150	180	100	236 T 228	50	37,5	31			36,5	30		
P 5...-350/11	P 5...-350/11T	98	687	220	150	180	100	236	50	38,5	35,5			37	34		
-	P 5...-380/12T	98	711	220	150	180	100	236	50	-	39			-	37,5		
P 7...-180/4	P 7...-180/4T	98	465	220	150	180	100	228	50	1" ¼ G	1" ¼ G			26	27	24,5	6
P 7...-250/5	P 7...-250/5T	98	489	220	150	180	100	228	50			27,5	26,5	26	25		
P 7...-300/6	P 7...-300/6T	98	568 T 513	220	150	180	100	236 T 228	50			35	28	34	27		
-	P 7...-350/7T	98	590	220	150	180	100	236	50			-	33	-	32		
-	P 7...-400/8T	98	614	220	150	180	100	236	50			-	36,5	-	35,5		
-	P 7...-450/9T	98	668	220	150	180	100	251	50			-	41	-	40		
-	P 7...-550/10T	98	692	220	150	180	100	251	50			-	46,5	-	45		





TYPE		DIMENSIONS (mm)										Kg			
												SL		SLX	
-1	-3	A	C	D1	D2	E1	E2	G	H	DNA	DNM	-1	-3	-1	-3
P 9...-200/4	P 9...-200/4T	118	520	260	180	215	130	248	80	1" 1/2 G	1" 1/2 G	30	31	28,5	29,5
P 9...-250/5	P 9...-250/5T	118	550	260	180	215	130	248	80			32	31	30,5	29,5
P 9...-300/6	P 9...-300/6T	118	635 T 580	260	180	215	130	256 T 248	80			39,5	33	38	31,5
-	P 9...-400/7T	118	663	260	180	215	130	256	80			-	40	-	38,5
-	P 9...-450/8T	118	723	260	180	215	130	271	80			-	45	-	43,5
-	P 9...-500/9T	118	763	260	180	215	130	271	80			-	45,5	-	44
-	P 9...-550/10T	118	783	260	180	215	130	271	80	-	51	-	49		
-	P 18...-250/3T	118	482	260	180	215	130	251	90	2" G	2" G	-	30,5	-	29,5
-	P 18...-400/4T	118	603	260	180	215	130	257	90			-	39	-	37,5
-	P 18...-450/5T	118	680	260	180	215	130	271	90			-	44,5	-	43
-	P 18...-550/6T	118	718	260	180	215	130	271	90			-	49,5	-	48
-	P 18...-750/8T	118	855	260	180	215	130	280	90			-	60	-	58,5
-	P 18...-900/9T	118	893	260	180	215	130	280	90			-	66,5	-	65

MODEL	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
P 3SV-100/5-200/9	80x120x150	42	80x120x175	49
P 3SV-250/10-300/12	80x120x155	30	80x120x180	35
P 3SV-300/12T	80x120x150	42	80x120x175	49
P 5SV-120/4-250/8	80x120x150	42	80x120x175	49
P 5SV-280/9T-300/10T	80x120x150	42	80x120x175	49
P 5SV-280/9-300/10	80x120x155	30	80x120x180	35
P 5SV-350/11-380/12T	80x120x155	30	80x120x180	35
P 7SV-180/4-350/7T	80x120x150	42	80x120x175	49
P 7SV-400/8T	80x120x155	30	80x120x180	35
P 7SV-450/9T-550/10T	85x110x125	20	85x110x150	24
P 9SV-200/4	80x120x150	42	80x120x175	49
P 9SV-250/5-300/6T	80x120x150	42	80x120x175	49
P 9SV-300/6-400/7T	80x120x155	30	80x120x180	35
P 9SV-450/8T-550/10T	85x110x125	20	85x110x150	24
P 18SV-250/3T-400/4T	80x120x150	42	80x120x175	49
P 18SV-450/5T-550/6T	85x110x125	20	85x110x150	24
P 18SV-750/8T-900/9T	100x120x150	12	100x120x150	12

MODEL	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
P 3SL/SLX-100/5-180/8	85x110x150	36	85x110x170	42
P 3SL/SLX-200/9-300/12	80x120x150	30	80x120x170	35
P 5SL/SLX-120/4-250/8	85x110x150	36	85x110x170	42
P 5SL/SLX-280/9-380/12T	80x120x150	30	80x120x170	35
P 7SL/SLX-180/4-300/6T	85x110x150	36	85x110x170	42
P 7SL/SLX-300/6-400/8T	80x120x150	30	80x120x170	35
P 7SL/SLX-450/9T-550/10T	80x120x150	30	80x120x170	35
P 9SL/SLX-200/4-400/7T	80x120x155	25	80x120x185	30
P 9SL/SLX-450/8T-550/10T	85x110x150	20	85x110x150	20
P 18SL/SLX-250/3T-400/4T	80x120x155	25	80x120x185	30
P 18SL/SLX-450/5T-550/6T	85x110x150	20	85x110x150	20
P 18SL/SLX-750/8T-900/6T	85x110x150	20	85x110x150	20

PLUS V-SV-L-SL-LG-SLG Serie-Mechanical seal and bearings

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL
					2
	P3-100/5, P3-120/6, P5-120/4, P5-150/5, P5-180/6, P7-180/4, P7-250/5, P7-300/6, P9-200/4, P9-250/5, P18-250/3, P18-400/4	14mm / S	Rotating face Stationary face Elastomer	Graphite Ceramic EPDM	SiC SiC EPDM
	P3-150/7, P3-180/8, P3-200/9, P3-250/10, P3-280/11, P3-300/12, P5-200/7, P5-250/8, P5-280/9, P5-300/10, P5-350/11, P5-380/12, P7-350/7, P7-400/8, P7-450/9, P7-550/10, P9-300/6, P9-400/7, P9-450/8, P9-500/9, P9-550/10	14mm	Rotating face Stationary face Elastomer	Graphite SiC EPDM	SiC SiC EPDM
	P18-450/5, P18-550/6, P18-750/8, P18-900/9, P18-920/10, P18-1000/11	14mm / L	Rotating face Stationary face Elastomer	Graphite SiC EPDM	SiC SiC EPDM
	P3-350/14, P3-380/16, P3-400/18, P3-450/20, P5-400/14, P5-450/16, P5-550/18, P5-600/20, P7-750/12, P7-800/14, P7-900/16, P7-950/18, P7-1000/20, P9-750/12, P9-800/14, P9-900/16, P9-950/18, P9-1000/20	14mm / Balanced seal	Rotating face Stationary face Elastomer	Tungsten carbide Graphite EPDM	- - -

BEARINGS	PUMP MODEL	TYPE	
	P3-100/5, P3-120/6, P5-120/4	6202-ZZ	6302-ZZ C3
	P3-150/7, P3-180/8, P3-200/9, P3-250/10, 3- P3-280/11, 3- P3-300/12, P5-150/5, P5-180/6, P5-200/7, P5-250/8, 3- P5-280/9, 3- P5-300/10, P7-180/4, P7-250/5, 3- P7-300/6, P9-200/4, P9-250/5, 3- P9-300/6, P18-250/3	6203-ZZ	6304-ZZ C3
	1- P3-280/11, 1- P3-300/12, 1- P5-280/9, 1- P5-300/10, P5-350/11, P5-380/12, 1- P7-300/6, P7-350/7, P7-400/8, 1- P9-300/6, P9-400/7, P18-400/4, P3-350/14, P3-380/16, P3-400/18, P5-400/14	6203-ZZ	6305-ZZ C3
	P7-450/9, P7-550/10, P9-450/8, P9-500/9, P9-550/10, P18-450/5, P18-550/6	6204-ZZ	6306-ZZ-C3
	P3-450/20, P5-450/16, P5-550/18, P5-600/20	6204-ZZ	3206-ZZ C3
	P7-750/12, P7-800/14, P7-900/16, P9-750/12, P9-800/14, P9-900/16, P18-750/8, P18-900/9, P18-920/10	6206-ZZ C3	3306-ZZ C3
	P7-950/18, P7-1000/20, P9-950/18, P9-1000/20, P18-1000/11	6206-ZZ C3	3308-ZZ C3

PLUS SLG/SLXG

Multistage Vertical

Stainless steel multistage vertical pumps. For non-loaded clean fluids, pressurizing system, irrigation, drinking and glycol water, water treatment, food industry, heating and air conditioning, washing system.



PLUS 3-5-7-9 SLG



PLUS 3-5-7 SLXG



PLUS 9 SLXG



Construction features

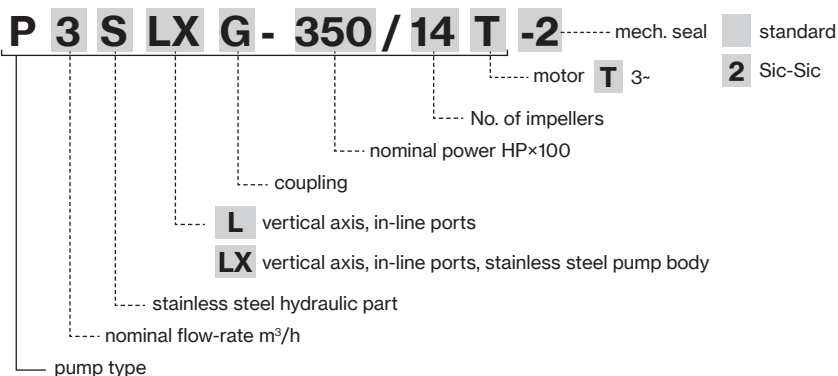
Pump body	cast iron (SLG); stainless steel AISI 304 (SLXG)
Motor bracket	cast iron
Impellers, diffusers, shell, motor shaft	stainless steel AISI 304
Mechanical seal	ceramic-graphite-EPDM graphite-silicon carbide-EPDM
Intermediate shaft guiding stage bush	ceramic-tungsten carbide
Ambient temperature	max 40 °C
Liquid temperature	-15 ÷ +110 °C
Max operating pressure	max 25 bar
Pump body gasket	EPDM

Motor

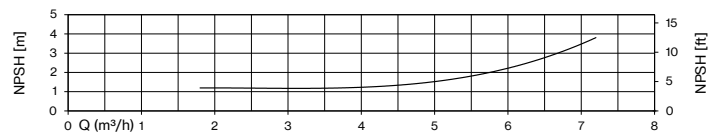
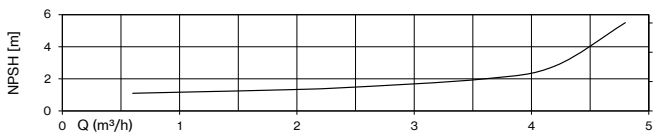
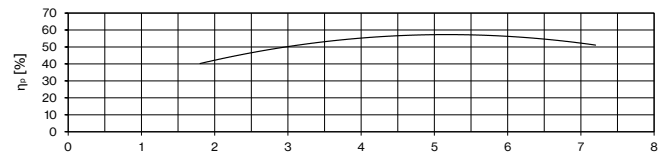
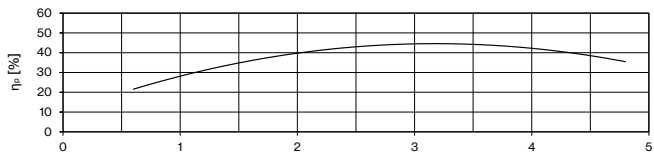
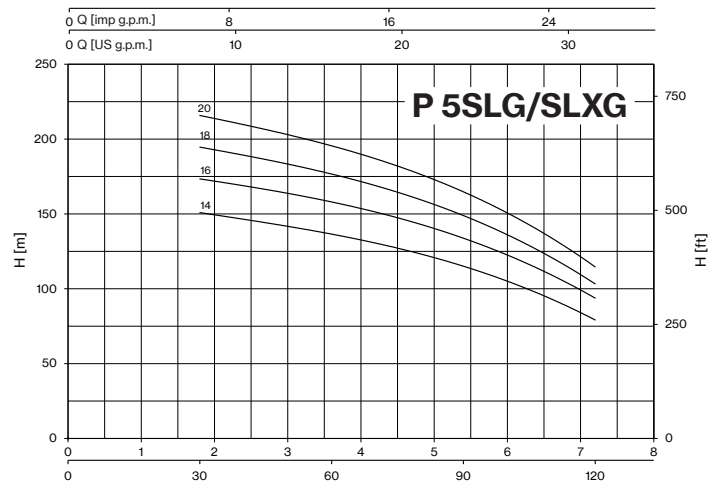
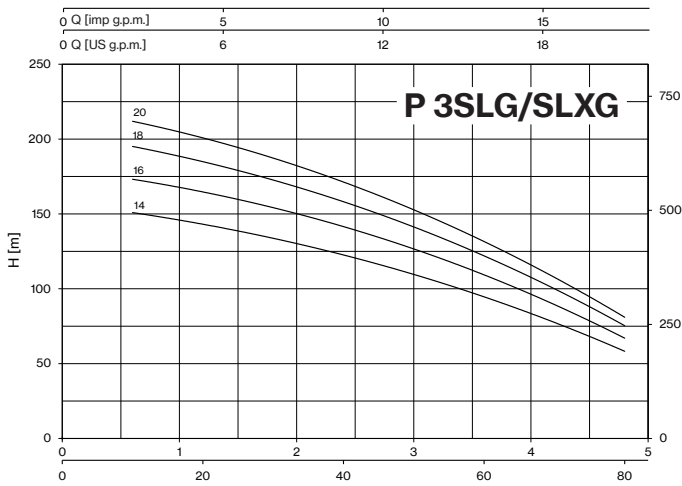
2 pole induction motor	3~ 230/400V - 50Hz P ≤ 4kW 3~ 400/690V - 50Hz P > 4kW
Insulation class	F
Protection degree	IPX5



MODEL	LOTS		CONTAINER	
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
P 3SLG/SLXG-350/14T-380/16T	100×120×150	12	100×120×150	12
P 3SLG/SLXG-400/18T-450/20T	100×135×150	12	100×135×150	12
P 5SLG/SLXG-400/14T-450/16T	100×120×150	12	100×120×150	12
P 5SLG/SLXG-550/18T-600/20T	100×135×150	12	100×135×150	12
P 7SLG/SLXG-750/12T-800/14T	100×120×150	12	100×120×150	12
P 7SLG/SLXG-900/16T-1000/20T	100×135×150	12	100×135×150	12
P 9SLG/SLXG-750/12T-800/14T	100×120×150	12	100×120×150	12
P 9SLG/SLXG-900/16T-1000/20T	100×135×150	12	100×135×150	12



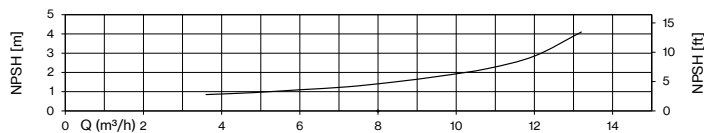
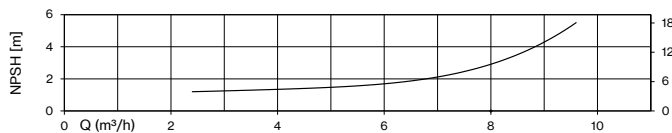
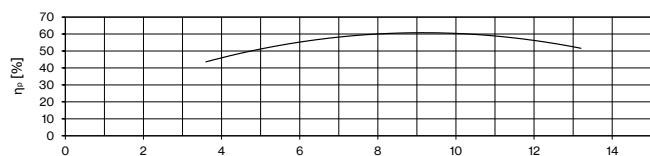
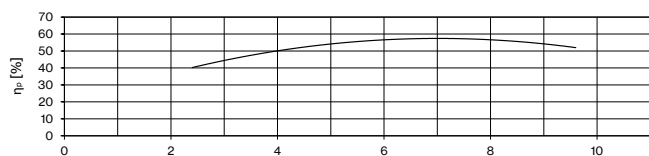
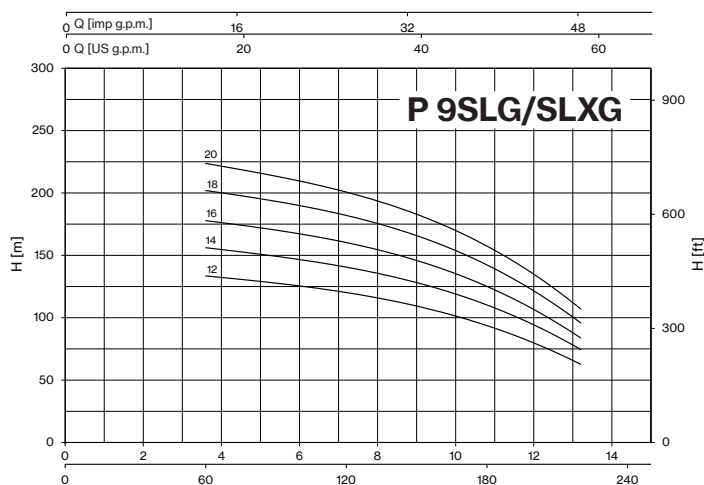
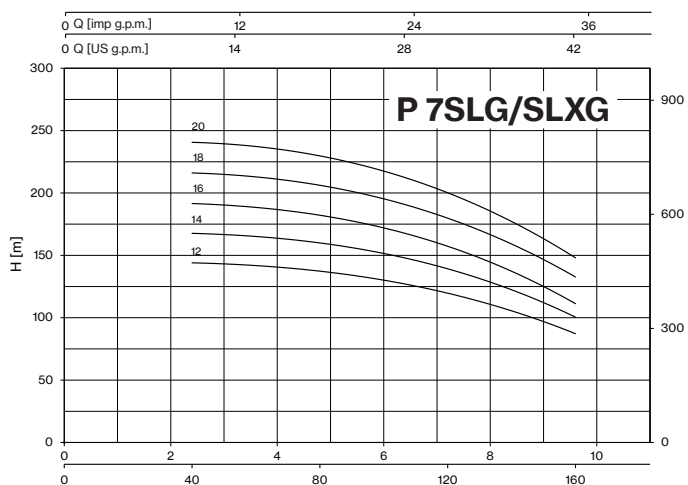
PLUS SLG/SLXG



TYPE	P2		P1 (kW)	AMPERE 3~	Q (m³/h - l/min)						
					0 0,6 1,2 1,8 2,4 3,6 4,8						
					0 10 20 30 40 60 80						
3~	HP	kW	3~	3~ 400V 50 Hz	H (m)						
					P 3... -350/14T	3	2,2	2,5	4,7	154,8	150,9
P 3...-380/16T	4	3	2,9	5,5	177,5	173,2	164,6	154,5	141,3	109,4	67,0
P 3...-400/18T	4	3	3,2	6,0	200,3	195,1	184,9	172,8	158,0	122,1	75,3
P 3...-450/20T	4	3	3,6	6,5	218,3	211,9	200,6	187,4	171,4	131,5	81,0

TYPE	P2		P1 (kW)	AMPERE 3~	Q (m³/h - l/min)						
					0 1,8 2,4 3,6 4,8 6 7,2						
					0 30 40 60 80 100 120						
3~	HP	kW	3~	3~ 400V 50 Hz	H (m)						
					P 5...400/14T	4	3	3,5	6,3	159,2	150,7
P 5...450/16T	5,5	4	4,1	7,9	182,0	173,2	169,1	158,0	142,9	122,9	93,6
P 5...550/18T	5,5	4	4,5	8,3	204,4	194,4	189,5	176,5	159,6	136,3	103,2
P 5...600/20T	5,5	4	5,0	8,9	226,7	215,5	210,0	195,5	176,3	151,1	114,5

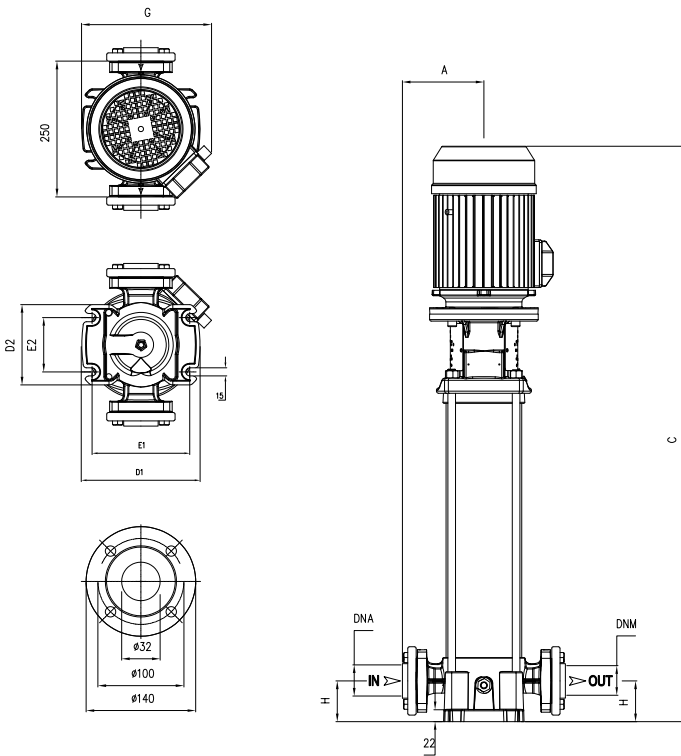
PLUS SLG/SLXG



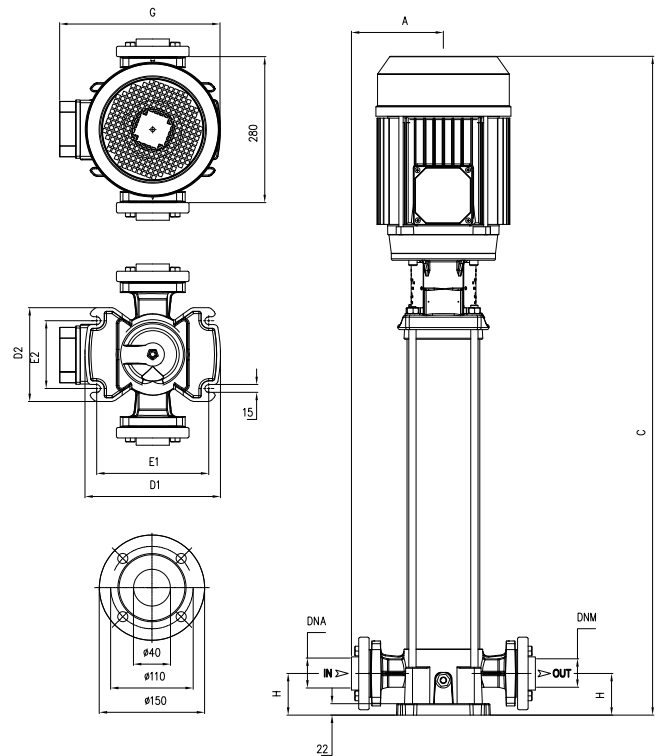
TYPE	P2		P1 (kW)	AMPERE	Q (m³/h - l/min)							
					3~							
					0	2,4	3,6	4,8	6	7,2	9,6	
3~	HP	kW	3~	3~ 400V 50 Hz	0	40	60	80	100	120	160	
	H (m)											
P 7...-750/12T	7,5	5,5	5,1	9,9	143,7	143,7	142,6	137,0	129,6	119,8	87,0	
P 7...-800/14T	7,5	5,5	5,9	10,9	167,6	167,3	165,9	159,6	151,0	139,5	100,3	
P 7...-900/16T	7,5	5,5	6,7	12,0	191,5	191,2	189,3	181,7	171,5	157,7	111,1	
P 7...-950/18T	10	7,5	7,4	12,4	215,5	215,7	213,9	205,8	194,7	179,8	132,3	
P 7...-1000/20T	10	7,5	8,2	13,5	240,3	240,2	238,4	229,3	216,8	200,3	147,7	

TYPE	P2		P1 (kW)	AMPERE	Q (m³/h - l/min)							
					3~							
					0	3,6	4,8	6	7,2	9,6	12	13,2
3~	HP	kW	3~	3~ 400V 50 Hz	0	60	80	100	120	160	200	220
	H (m)											
P 9...-750/12T	7,5	5,5	5,3	10,1	141,3	133,2	130,4	125,4	119,7	105,1	79,6	62,7
P 9...-800/14T	7,5	5,5	6,1	11,1	165,5	155,7	152,6	146,5	139,9	123,4	94,0	74,6
P 9...-900/16T	10	7,5	6,9	12,8	188,7	177,6	173,6	167,1	159,7	140,4	106,2	83,9
P 9...-950/18T	10	7,5	7,6	12,7	213,8	201,6	197,3	189,6	181,2	159,9	121,0	96,0
P 9...-1000/20T	10	7,5	8,5	13,9	236,7	223,1	218,3	209,3	199,8	176,1	134,5	107,0

P 3-5-7 SLG/SLXG





P 9 SLG/SLXG



TYPE	DIMENSIONS (mm)										Kg	
	A	C	D1	D2	E1	E2	G	H	DNA	DNM	SLG	SLXG
P 3SLG-350/14T	155	932	220	150	180	100	236	75				49
P 3SLG-380/16T	155	977	220	150	180	100	236	75				53
P 3SLG-400/18T	155	1025	220	150	180	100	236	75	1" ¼ G	1" ¼ G		55
P 3SLG-450/20T	155	1098	220	150	180	100	251	75				63
P 3SLXG-350/14T	155	932	260	180	215	130	236	75				49
P 3SLXG-380/16T	155	977	260	180	215	130	236	75				53
P 3SLXG-400/18T	155	1025	260	180	215	130	236	75	1" ¼ G	1" ¼ G		55
P 3SLXG-450/20T	155	1098	260	180	215	130	251	75				62,5
P 5SLG-400/14T	155	932	220	150	180	100	251	75				51,5
P 5SLG-450/16T	155	1000	220	150	180	100	251	75				63,5
P 5SLG-550/18T	155	1048	220	150	180	100	251	75	1" ¼ G	1" ¼ G		65,5
P 5SLG-600/20T	155	1098	220	150	180	100	260	75				67
P 5SLXG-400/14T	155	932	260	180	215	130	251	75				51,5
P 5SLXG-450/16T	155	1000	260	180	215	130	251	75				63,5
P 5SLXG-550/18T	155	1048	260	180	215	130	251	75	1" ¼ G	1" ¼ G		65,5
P 5SLXG-600/20T	155	1098	260	180	215	130	260	75				66,5
P 7SLG-750/12T	155	940	220	150	180	100	260	75				68,5
P 7SLG-800/14T	155	988	220	150	180	100	260	75				70
P 7SLG-900/16T	155	1036	220	150	180	100	260	75	1" ¼ G	1" ¼ G		77
P 7SLG-950/18T	155	1081	220	150	180	100	288	75				85,5
P 7SLG-1000/20T	155	1128	220	150	180	100	288	75				86,5
P 7SLXG-750/12T	155	940	260	180	215	130	260	75				68,5
P 7SLXG-800/14T	155	988	260	180	215	130	260	75				70
P 7SLXG-900/16T	155	1036	260	180	215	130	260	75	1"1/4G	1"1/4G		77
P 7SLXG-950/18T	155	1081	260	180	215	130	288	75				85,5
P 7SLXG-1000/20T	155	1128	260	180	215	130	288	75				86
P 9...-750/12T	170	1027	260	180	215	130	280	80				72
P 9... -800/14T	170	1088	260	180	215	130	280	80				73,5
P 9... -900/16T	170	1147	260	180	215	130	280	80	1" ½ G	1" ½ G	81	80
P 9... -950/18T	170	1205	260	180	215	130	308	80			89	88,5
P 9... -1000/20T	170	1263	260	180	215	130	308	80				91

PLUS V-SV-L-SL-LG-SLG Serie-Mechanical seal and bearings

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL
					2
	P3-100/5, P3-120/6, P5-120/4, P5-150/5, P5-180/6, P7-180/4, P7-250/5, P7-300/6, P9-200/4, P9-250/5, P18-250/3, P18-400/4	14mm / S	Rotating face Stationary face Elastomer	Graphite Ceramic EPDM	SiC SiC EPDM
	P3-150/7, P3-180/8, P3-200/9, P3-250/10, P3-280/11, P3-300/12, P5-200/7, P5-250/8, P5-280/9, P5-300/10, P5-350/11, P5-380/12, P7-350/7, P7-400/8, P7-450/9, P7-550/10, P9-300/6, P9-400/7, P9-450/8, P9-500/9, P9-550/10	14mm	Rotating face Stationary face Elastomer	Graphite SiC EPDM	SiC SiC EPDM
	P18-450/5, P18-550/6, P18-750/8, P18-900/9, P18-920/10, P18-1000/11	14mm / L	Rotating face Stationary face Elastomer	Graphite SiC EPDM	SiC SiC EPDM
	P3-350/14, P3-380/16, P3-400/18, P3-450/20, P5-400/14, P5-450/16, P5-550/18, P5-600/20, P7-750/12, P7-800/14, P7-900/16, P7-950/18, P7-1000/20, P9-750/12, P9-800/14, P9-900/16, P9-950/18, P9-1000/20	14mm / Balanced seal	Rotating face Stationary face Elastomer	Tungsten carbide Graphite EPDM	- - -

BEARINGS	PUMP MODEL	TYPE	
	P3-100/5, P3-120/6, P5-120/4	6202-ZZ	6302-ZZ C3
	P3-150/7, P3-180/8, P3-200/9, P3-250/10, 3- P3-280/11, 3- P3-300/12, P5-150/5, P5-180/6, P5-200/7, P5-250/8, 3- P5-280/9, 3- P5-300/10, P7-180/4, P7-250/5, 3- P7-300/6, P9-200/4, P9-250/5, 3- P9-300/6, P18-250/3	6204-ZZ	6304-ZZ C3
	1- P3-280/11, 1- P3-300/12, 1- P5-280/9, 1- P5-300/10, P5-350/11, P5-380/12, 1- P7-300/6, P7-350/7, P7-400/8, 1- P9-300/6, P9-400/7, P18-400/4, P3-350/14, P3-380/16, P3-400/18, P5-400/14	6203-ZZ	6305-ZZ C3
	P7-450/9, P7-550/10, P9-450/8, P9-500/9, P9-550/10, P18-450/5, P18-550/6	6204-ZZ	6306-ZZ-C3
	P3-450/20, P5-450/16, P5-550/18, P5-600/20	6204-ZZ	3206-ZZ C3
	P7-750/12, P7-800/14, P7-900/16, P9-750/12, P9-800/14, P9-900/16, P18-750/8, P18-900/9, P18-920/10	6206-ZZ C3	3306-ZZ C3
	P7-950/18, P7-1000/20, P9-950/18, P9-1000/20, P18-1000/11	6206-ZZ C3	3308-ZZ C3

PLUS V/L/H + VSD

Vertical booster pump with variable speed drive

PLUS V



EPIC / EPIC-A

IPFC

PLUS L



EPIC / EPIC-A

IPFC

PLUS H



EPIC / EPIC-A

IPFC

DESCRIPTION

Horizontal pump of PLUS series provided with variable speed drive EPIC, EPIC-A or IPFC. This booster pump assures a desired pressure regardless of changes on flow demand making it suitable for low or missing pressure in residential systems and industrial applications. It is required the installation of a membrane tank downstream the system.

FEATURES

- EPIC, EPIC-A or IPFC variable speed drive
- Three-phase vertical pump of PLUS series
- Pressure sensor wired to the vsd
- Cable with plug for EPIC vsd only

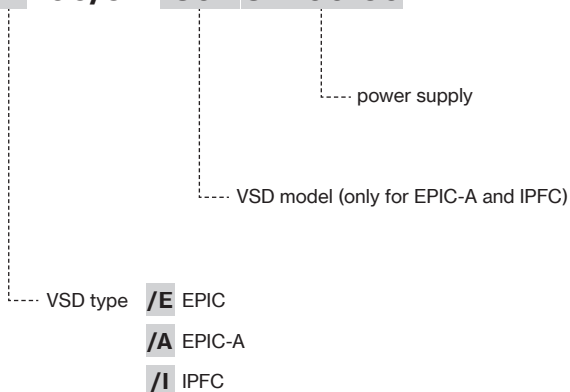
FUNCTIONING

If the pressure in the network drops the pump will start and gradually speeds up to provide with the set pressure. When the water demand decreases, the pressure will rise causing the pump speed to slow down and eventually to stop the pump if demand ceases. The pump will remain on standby waiting to start at the next water demand.

SELECTION

The next table shows the vertical PLUS pump models available for the assembly with EPIC, EPIC-A or IPFC. Consult the catalog at the PLUS series for pump specifics and characteristic curves.

P3SL /A 100/5 T -304 3×400-50



3- PUMP								VSD TYPE			
TYPE		VERSION						Power supply			
		V	SV	L	SL/SLX	LG	SLG/SLGX	1-230V		3-400V	
P 3	100/5T	■	■	■	■	-	-	EPIC	IPFC 109	EPIC-A 304	IPFC 306
	120/6T	■	■	■	■	-	-				
	150/7T	■	■	■	■	-	-				
	180/8T	■	■	■	■	-	-				
	200/9T	■	■	■	■	-	-				
	250/10T	■	■	■	■	-	-				
	280/11T	-	■	-	■	-	-		-	IPFC 114	EPIC-A 306
	300/12T	■	■	■	■	-	-				
	350/14T	-	-	-	-	-	■				
	380/16T	-	-	-	-	-	■				
	400/18T	-	-	-	-	-	■				
450/20T	-	-	-	-	-	■	-	-	EPIC-A 309	IPFC 309	
P 5	120/4T	■	■	■	■	-	-	EPIC	IPFC 109	EPIC-A 304	IPFC 306
	150/5T	■	■	■	■	-	-				
	180/6T	■	■	■	■	-	-				
	200/7T	■	■	■	■	-	-				
	250/8T	■	■	■	■	-	-				
	280/9T	-	■	-	■	-	-				
	300/10T	■	■	■	■	-	-		-	IPFC 114	EPIC-A 306
	350/11T	■	■	■	■	-	-				
	380/12T	■	■	■	■	-	-				
	400/14T	-	-	-	-	-	■				
	450/16T	-	-	-	-	-	■				
550/18T	-	-	-	-	-	■	-	-	EPIC-A 309	IPFC 309	
600/20T	-	-	-	-	-	■	-	-	EPIC-A 314	IPFC 311	
P 7	180/4T	■	■	■	■	-	-	EPIC	IPFC 109	EPIC-A 304	IPFC 306
	250/5T	■	■	■	■	-	-				
	300/6T	■	■	■	■	-	-		-	IPFC 114	EPIC-A 306
	350/7T	■	■	■	■	-	-				
	400/8T	■	■	■	■	-	-				
	450/9T	■	■	■	■	-	-				
	550/10T	■	■	■	■	-	-				
	750/12T	-	-	-	-	-	■				
	800/14T	-	-	-	-	-	■				
	900/16T	-	-	-	-	-	■				
	950/18T	-	-	-	-	-	■				
1000/20T	-	-	-	-	-	■	-	-	EPIC-A 318	IPFC 318	
P 9	200/4T	■	■	■	■	-	-	EPIC	IPFC 109	EPIC-A 304	IPFC 306
	250/5T	■	■	■	■	-	-				
	300/6T	■	■	■	■	-	-		-	IPFC 114	EPIC-A 306
	400/7T	■	■	■	■	-	-				
	450/8T	■	■	■	■	-	-				
	500/9T	■	■	■	■	-	-				
	550/10T	■	■	■	■	-	-				
	750/12T	-	-	-	-	-	■				
	800/14T	-	-	-	-	-	■				
	900/16T	-	-	-	-	-	■				
	950/18T	-	-	-	-	-	■				
1000/20T	-	-	-	-	-	■	-	-	EPIC-A 318	IPFC 318	

PLUS+VSD

		3- PUMP							VSD TYPE			
TYPE		VERSION							Power supply			
		V	SV	L	SL/ SLX	LG	HS	HX	1-230V		3-400V	
P 18	100/1T	-	-	-	-	-	-	■	EPIC	IPFC 109	EPIC-A 304	IPFC 306
	200/2T	-	-	-	-	-	-	■				
	300/3T	-	-	-	-	-	-	■				
	250/3T	■	■	■	■	-	-	-	-	IPFC 114	EPIC-A 306	
	400/4T	-	-	-	-	-	-	■				
	450/5T	■	■	■	■	-	-	-	-	-	EPIC-A 309	IPFC 309
	550/5T	-	-	-	-	-	-	■				
	550/6T	■	■	■	■	-	-	-	-	-	EPIC-A 314	IPFC 311
	750/6T	-	-	-	-	-	-	■				
	750/7T	-	-	-	-	-	-	■				
	750/8T	■	■	■	■	-	-	-				IPFC 314
	1000/8T	-	-	-	-	-	-	■				
	1000/9T	-	-	-	-	-	-	■	-	-	EPIC-A 318	IPFC 318
	900/9T	■	■	■	■	-	-	-				
	920/10T	-	-	-	-	■	-	-	-	-	EPIC-A 325	IPFC 325
	1000/11T	-	-	-	-	■	-	-				
	1500/10T	-	-	-	-	-	-	■				
	1500/11T	-	-	-	-	-	-	■				
	1500/12T	-	-	-	-	-	-	■	-	-	EPIC-A 325	IPFC 325
	1500/13T	-	-	-	-	-	-	■				
1500/14T	-	-	-	-	-	-	■					
2000/15T	-	-	-	-	-	-	■					
2000/16T	-	-	-	-	-	-	■	-	-	EPIC-A 314	IPFC 330	
2000/17T	-	-	-	-	-	-	■					
P 22	200/1T	-	-	-	-	-	-	■	EPIC	IPFC 109	EPIC-A 304	IPFC 306
	300/2T	-	-	-	-	-	-	■				
	400/3T	-	-	-	-	-	-	■	-	IPFC 114	EPIC-A 306	IPFC 309
	550/4T	-	-	-	-	-	-	■				
	750/5T	-	-	-	-	-	-	■	-	-	EPIC-A 314	IPFC 311
	1000/6T	-	-	-	-	-	-	■				
	1000/7T	-	-	-	-	-	-	■	-	-	EPIC-A 318	IPFC 318
	1500/8T	-	-	-	-	-	-	■				
	1500/9T	-	-	-	-	-	-	■	-	-	EPIC-A 325	IPFC 325
	1500/10T	-	-	-	-	-	-	■				
	2000/11T	-	-	-	-	-	-	■				
	2000/12T	-	-	-	-	-	-	■				
	2000/13T	-	-	-	-	-	-	■	-	-	EPIC-A 330	IPFC 330
	2000/14T	-	-	-	-	-	-	■				
	2000/15T	-	-	-	-	-	-	■	-	-	EPIC-A 338	-
	2000/16T	-	-	-	-	-	-	■				
	2000/17T	-	-	-	-	-	-	■				

		3- PUMP							VSD TYPE			
TYPE		VERSION							Power supply			
		V	SV	L	SL/SLX	LG	HS	HX	1-230V	3-400V		
P 35	300/1T	-	-	-	-	-	■	■	-	IPFC 114	EPIC-A 306	IPFC 306
	550/2-2RT	-	-	-	-	-	■	■			EPIC-A 309	IPFC 309
	550/2-1RT	-	-	-	-	-	■	■			EPIC-A 314	IPFC 311
	750/2T	-	-	-	-	-	■	■				
	750/3-2RT	-	-	-	-	-	■	■				
	1000/3-1RT	-	-	-	-	-	■	■				
	1000/3T	-	-	-	-	-	■	■			EPIC-A 318	IPFC 318
	1000/4-2RT	-	-	-	-	-	■	■				
	1500/4-1RT	-	-	-	-	-	■	■			EPIC-A 325	IPFC 325
	1500/4T	-	-	-	-	-	■	■				
	1500/5-2RT	-	-	-	-	-	■	■				
	1500/5-1RT	-	-	-	-	-	■	■				
	2000/5T	-	-	-	-	-	■	■			EPIC-A 330	IPFC 330
	2000/6-2RT	-	-	-	-	-	■	■				
	2000/6-1RT	-	-	-	-	-	■	■				
	2000/6T	-	-	-	-	-	■	■				
	2000/7-2RT	-	-	-	-	-	■	■			EPIC-A 338	-
	2000/7-1RT	-	-	-	-	-	■	■				
	2500/7T	-	-	-	-	-	■	■				
	2500/8-2RT	-	-	-	-	-	■	■				
2500/8-1RT	-	-	-	-	-	■	■	EPIC-A 344	-			
2500/8T	-	-	-	-	-	■	■					
3000/9-2RT	-	-	-	-	-	■	■					
3000/9-1RT	-	-	-	-	-	■	■					
3000/9T	-	-	-	-	-	■	■	EPIC-A 344	-			
3000/10-2RT	-	-	-	-	-	■	■					
3000/10-1RT	-	-	-	-	-	■	■					
4000/10T	-	-	-	-	-	■	■					
P 50	400/1-1RT	-	-	-	-	-	■	■	-	IPFC 114	EPIC-A 306	IPFC 306
	550/1T	-	-	-	-	-	■	■			EPIC-A 309	IPFC 309
	750/2-2RT	-	-	-	-	-	■	■			EPIC-A 314	IPFC 311
	1000/2T	-	-	-	-	-	■	■			EPIC-A 318	IPFC 318
	1500/3-2RT	-	-	-	-	-	■	■				
	1500/3T	-	-	-	-	-	■	■			EPIC-A 325	IPFC 325
	2000/4-2RT	-	-	-	-	-	■	■				
	2000/4T	-	-	-	-	-	■	■			EPIC-A 330	IPFC 330
	2500/5-2RT	-	-	-	-	-	■	■				
	2500/5T	-	-	-	-	-	■	■			EPIC-A 338	-
	3000/6-2RT	-	-	-	-	-	■	■				
	3000/6T	-	-	-	-	-	■	■			EPIC-A 344	-
4000/7-2RT	-	-	-	-	-	■	■					
P 75	550/1-1RT	-	-	-	-	-	■	■	-	-	EPIC-A 309	IPFC 309
	750/1T	-	-	-	-	-	■	■			EPIC-A 314	IPFC 311
	1000/2-2RT	-	-	-	-	-	■	■			EPIC-A 318	IPFC 318
	1500/2-1RT	-	-	-	-	-	■	■				
	1500/2T	-	-	-	-	-	■	■			EPIC-A 325	IPFC 325
	2000/3-2RT	-	-	-	-	-	■	■				
	2000/3-1RT	-	-	-	-	-	■	■			EPIC-A 330	IPFC 330
	2500/3T	-	-	-	-	-	■	■				
	2500/4-2RT	-	-	-	-	-	■	■			EPIC-A 338	-
	3000/4-1RT	-	-	-	-	-	■	■				
3000/4T	-	-	-	-	-	■	■	EPIC-A 344	-			
4000/5-2RT	-	-	-	-	-	■	■					
P 90	750/1-1RT	-	-	-	-	-	■	■	-	-	EPIC-A 314	IPFC 311
	1000/1T	-	-	-	-	-	■	■			EPIC-A 318	IPFC 318
	1500/2-2RT	-	-	-	-	-	■	■			EPIC-A 325	IPFC 325
	2000/2T	-	-	-	-	-	■	■			EPIC-A 330	IPFC 330
	2500/3-2RT	-	-	-	-	-	■	■			EPIC-A 338	-
3000/3T	-	-	-	-	-	■	■					