

ULTRA 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.

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	graphite-tungsten 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

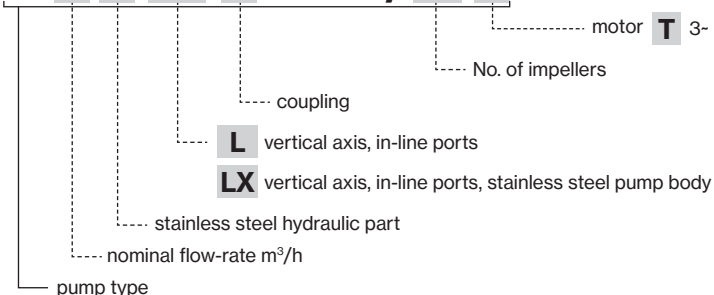
Motor

	3- 220/380V - 60Hz 1- 220V - 60Hz
2 poles induction motor	IE2 efficiency class or standard
Insulation class	F
Protection degree	IPX5

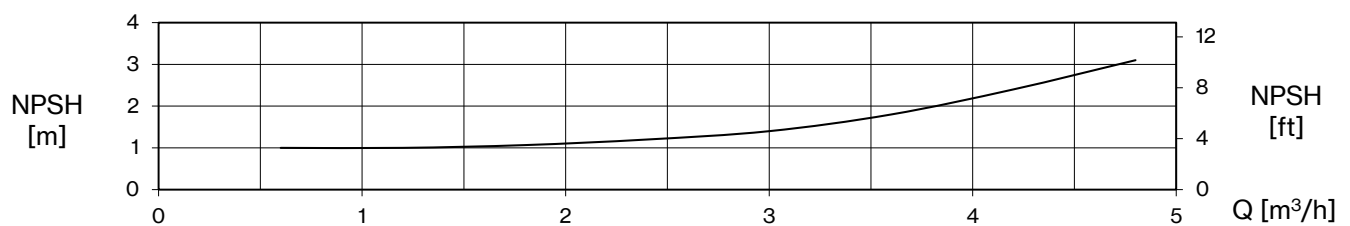
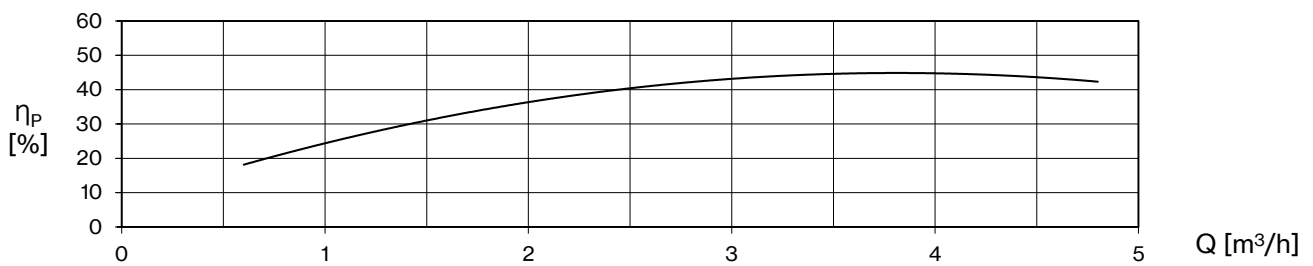
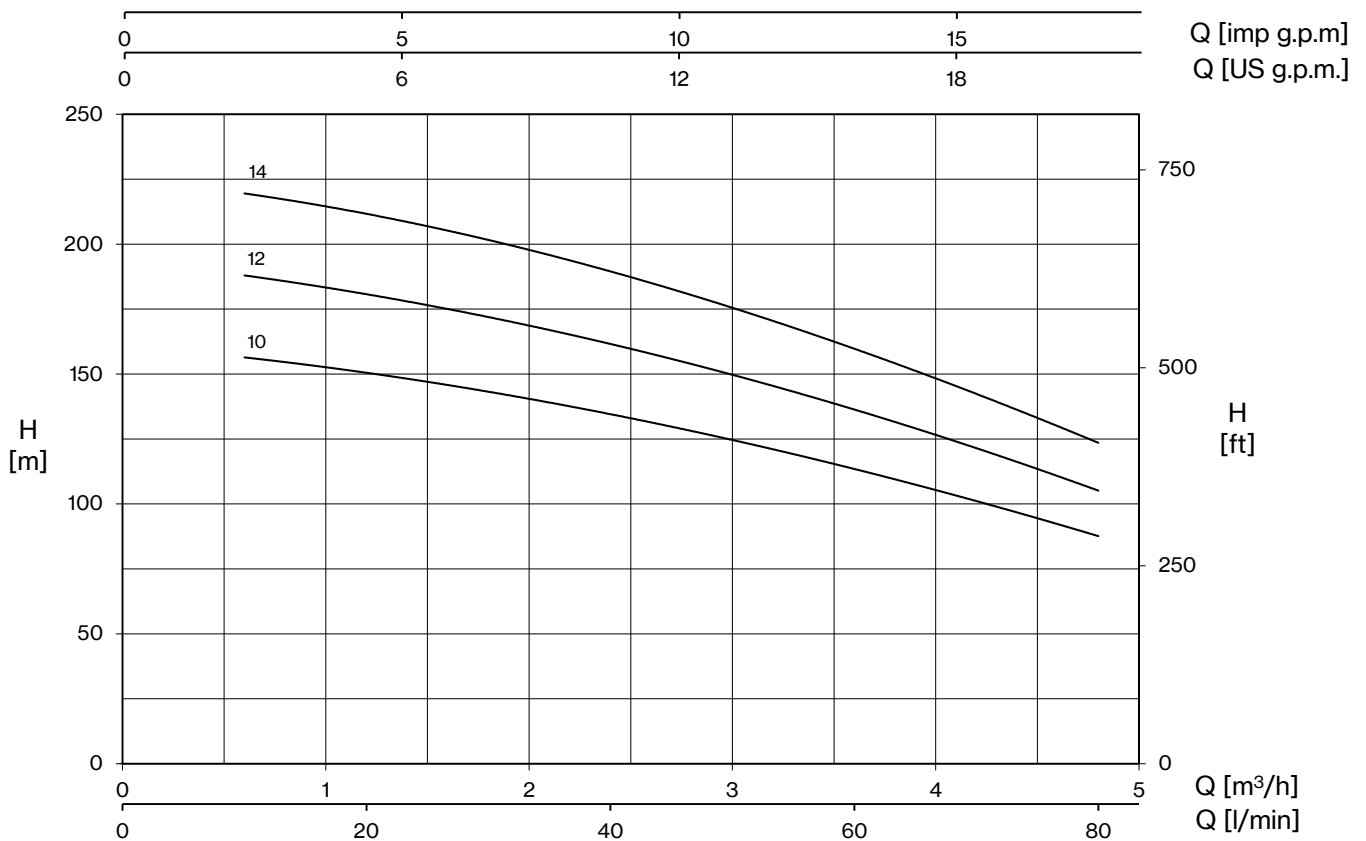


MODEL	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
U 3SLG/SLXG-350/10T - 550/16T	100×120×150	12	100×120×150	12
U 5SLG/SLXG-450/10T - 750/14T	100×120×150	12	100×120×150	12
U 7SLG/SLXG-800/12T - 1000/14T	100×120×150	12	100×120×150	12
U 9SLG/SLXG-800/10T - 1000/14T	100×120×150	12	100×120×150	12

U 3 S L X G - 350 / 10 T



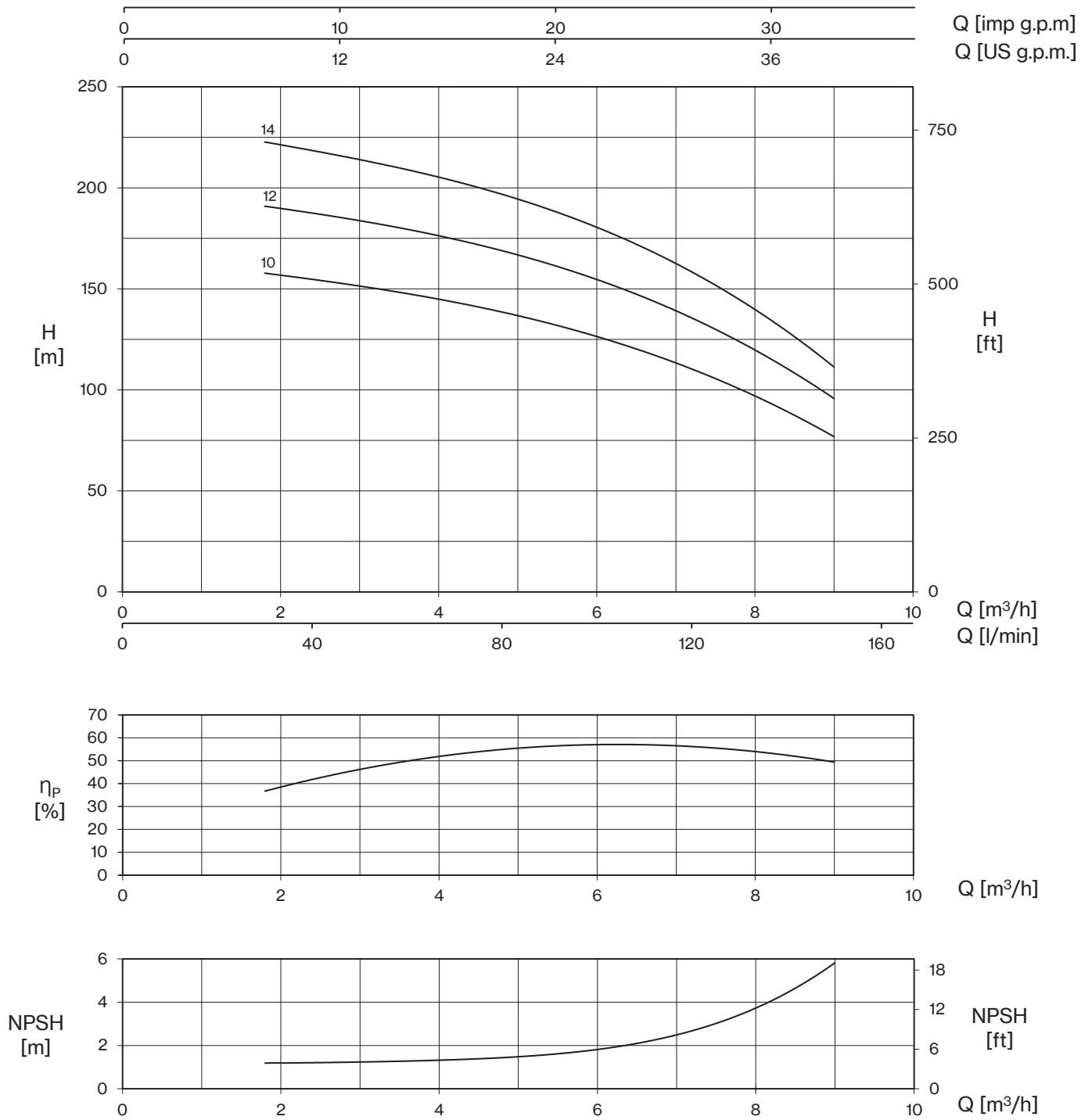
ULTRA 3 SLG/SLXG



TYPE - 60 Hz	P2		P1	CURRENT	Q (m³/h - l/min)									
					0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8	
	HP	kW	kW	A	0	10	20	30	40	50	60	70	80	
3-														
					H (m)									
U 3...350/10T	4	3	3,1	6,1	159,5	156,4	150,4	143,2	134,6	124,6	113,4	101,1	87,6	
U 3...400/12T	4	3	3,6	6,9	191,7	188,1	180,5	172,0	161,7	149,7	136,3	121,4	105,2	
U 3...450/14T	5,5	4	4,3	8,3	223,8	219,7	211,4	201,6	189,8	175,5	159,6	142,3	123,6	



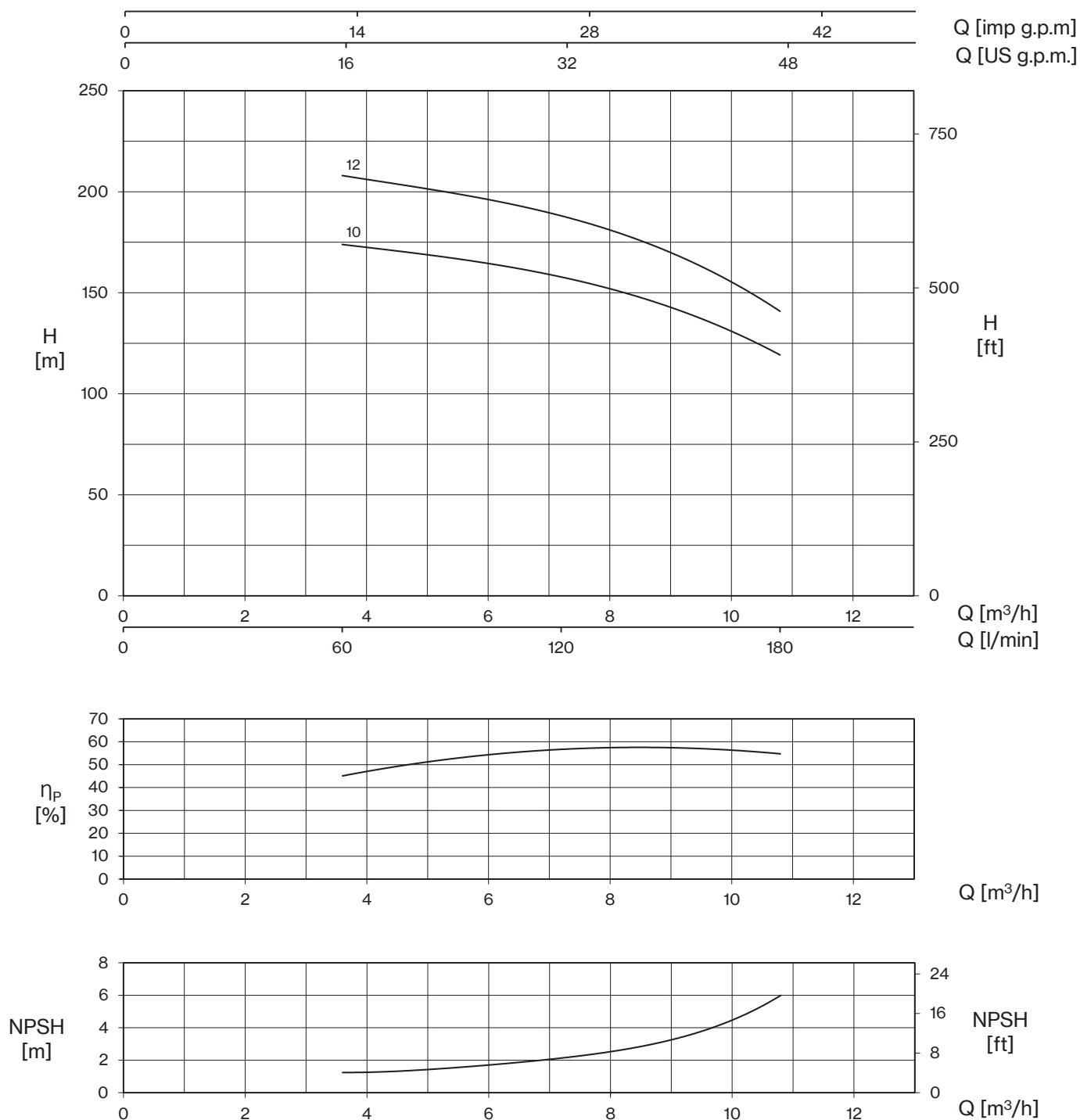
ULTRA 5 SLG/SLXG



TYPE - 60 Hz	P2			P1	CURRENT	Q (m³/h - l/min)									
						H (m)									
	HP	kW	kW	A	0	1,8	2,4	3,6	4,2	4,8	6	7,2	8,4	9	
3-					3- 380V	0	1,8	2,4	3,6	4,2	4,8	6	7,2	8,4	9
						0	30	40	60	70	80	100	120	140	150
U 5...450/10T	5,5	4	4,4	8,5		163,4	157,8	154,5	147,8	143,8	138,1	126,0	110,7	89,5	76,7
U 5...550/12T	7,5	5,5	5,4	10,7		197,0	190,8	187,6	179,4	175,4	168,4	154,3	135,8	111,0	95,5
U 5...750/14T	7,5	5,5	6,2	11,6		229,9	222,5	218,4	209,3	203,5	196,4	179,9	158,8	129,8	110,8



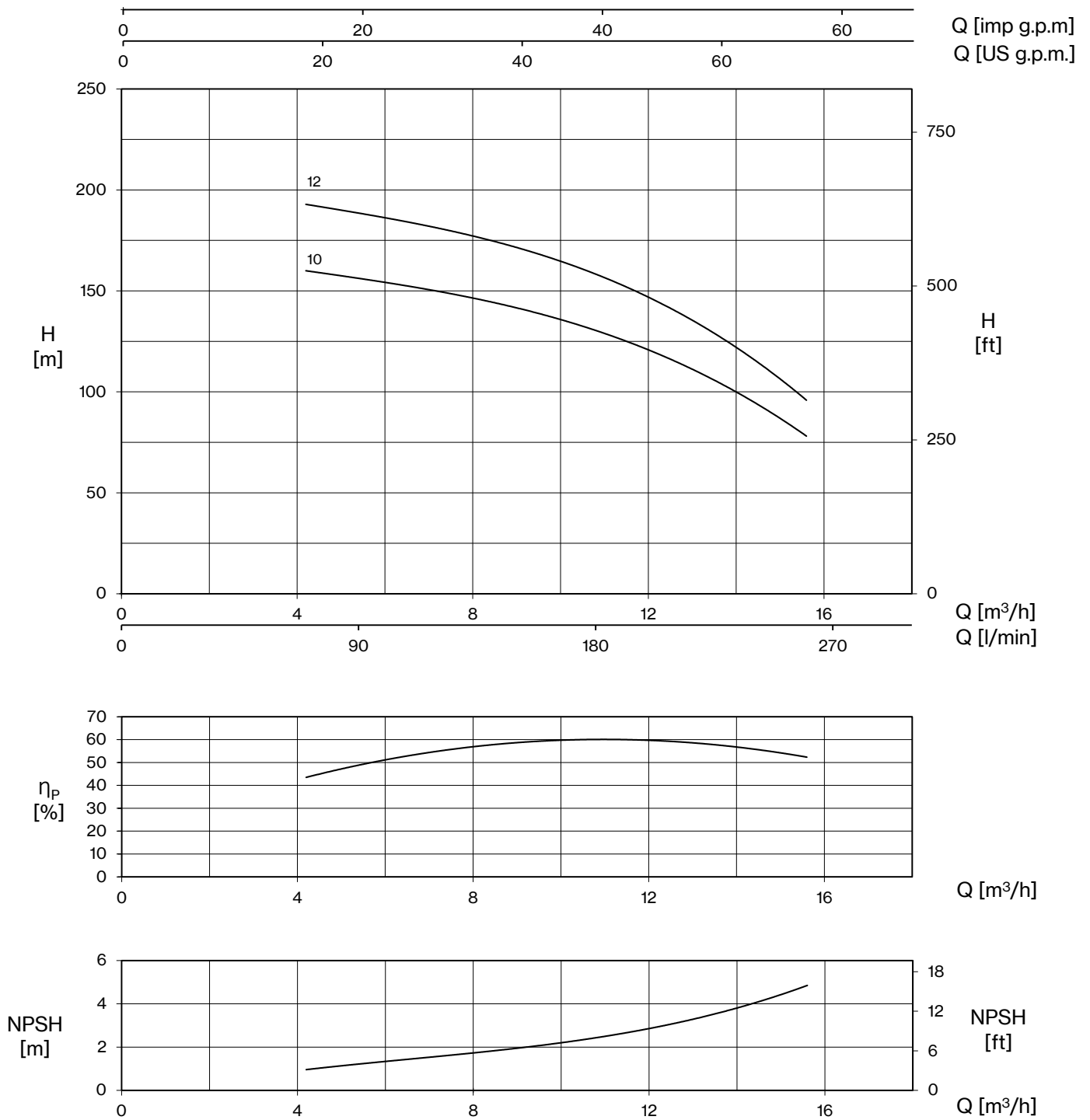
ULTRA 7 SLG/SLXG



TYPE - 60 Hz	P2		P1	CURRENT	Q (m³/h - l/min)									
					H (m)									
	HP	kW	kW	A	0	3,6	4,2	4,8	6	7,2	8,4	9	9,6	10,8
3-				3-380V	0	60	70	80	100	120	140	150	160	180
U 7...800/10T	10	7,5	7,1	14,0	172,4	173,3	172,2	170,2	164,5	157,0	147,4	145,1	135,6	119,0
U 7...900/12T	10	7,5	8,4	15,8	206,6	207,3	205,7	203,2	196,1	187,1	175,4	173,0	160,9	140,6



ULTRA 9 SLG/SLXG

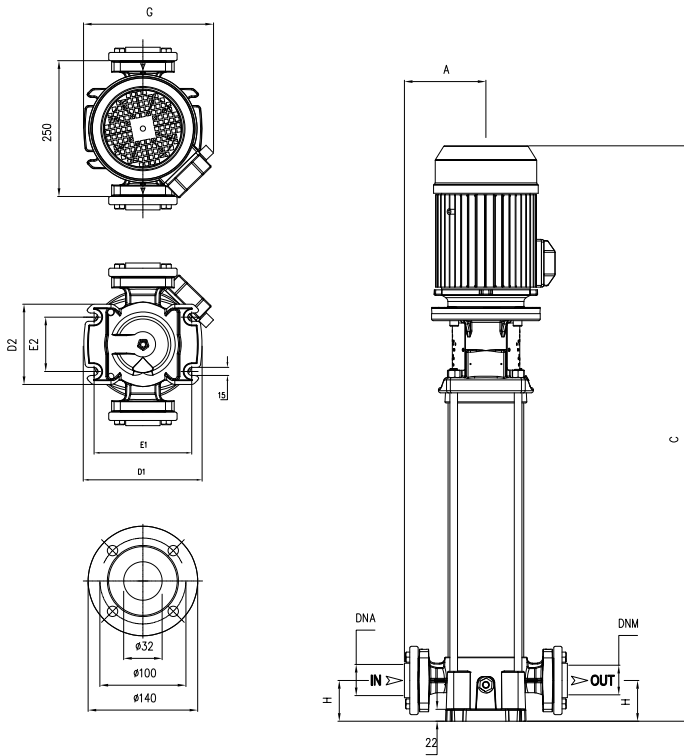


TYPE - 60 Hz	P2			P1	CURRENT		Q (m³/h - l/min)									
					3-	380V	0	4,2	6	8,4	9,6	11,4	12	13,2	14,4	15,6
	HP	kW	kW	A	0	70	100	140	160	190	200	220	240	260		
3-					H (m)											
U 9...800/10T	10	7,5	7,5	13,8	169,5	159,5	155,1	144,2	137,9	126,2	121,1	109,2	94,5	78,2		
U 9...900/12T	10	7,5	8,9	16,5	203,7	192,3	187,2	174,5	167,1	153,4	147,3	132,9	115,5	96,0		

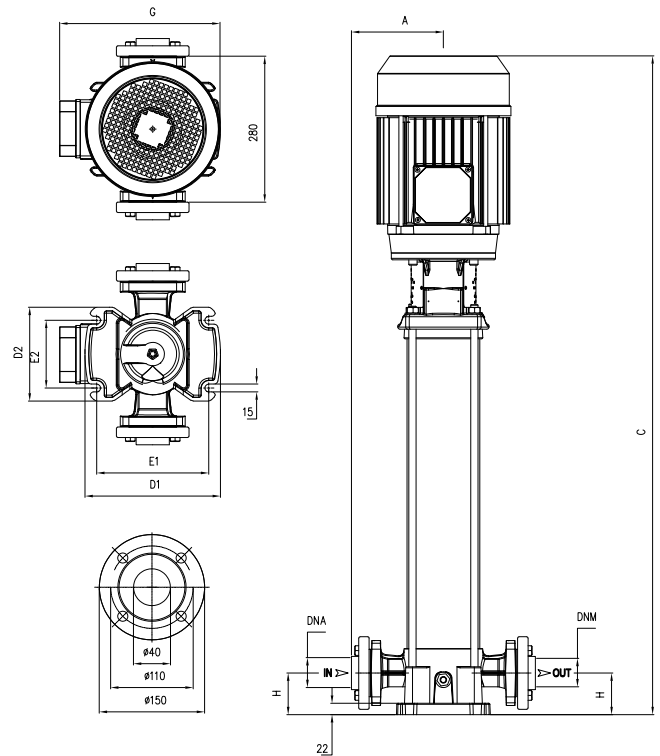




ULTRA SLG/SLXG

U 3-5-7 SLG/SLXG




U 9 SLG/SLXG




TYPE	DIMENSIONS (mm)														
	A	C	D1	D2	E1	E2	G	H	DNA	DNM	I	L	M	SLG	SLXG
3-															
U 3SLG-350/10T	155	833	220	150	180	100	236	75							54
U 3SLG-400/12T	155	881	220	150	180	100	236	75							55,5
U 3SLG-450/14T	155	951	220	150	180	100	251	75							64,5
U 3SLXG-350/10T	155	833	260	180	215	130	236	75	1" ¼ G	1" ¼ G	1098	327	290		53,5
U 3SLXG-400/12T	155	881	260	180	215	130	236	75							55
U 3SLXG-450/14T	155	951	260	180	215	130	251	75							64
U 5SLG-450/10T	155	855	220	150	180	100	251	75							61,5
U 5SLG-550/12T	155	903	220	150	180	100	251	75							70
U 5SLG-750/14T	155	1000	220	150	180	100	260	75							72
U 5SLXG-450/10T	155	855	260	180	215	130	251	75	1" ¼ G	1" ¼ G	1098	327	290		61
U 5SLXG-550/12T	155	903	260	180	215	130	251	75							70
U 5SLXG-750/14T	155	1000	260	180	215	130	260	75							71,5
U 7SLG-800/10T	155	904	220	150	180	100	260	75							73,5
U 7SLG-900/12T	155	989	220	150	180	100	260	75							75
U 7SLXG-800/10T	155	904	260	180	215	130	260	75	1" ¼ G	1" ¼ G	1098	327	290		73
U 7SLXG-900/12T	155	989	260	180	215	130	260	75							75
U 9...-800/10T	170	979	260	180	215	130	280	80	1" ½ G	1" ½ G	1310	325	380	78	76
U 9...-900/12T	170	1076	260	180	215	130	308	80						80	78



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

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL
	U3-120/4, U5-180/4, U7-300/4, U9-350/4, U18-400/3, U18-550/4	14mm / S	Rotating face Stationary face Elastomer	Graphite Ceramic EPDM	SiC SiC EPDM
	U3-150/5, U3-200/6, U3-250/7, U3-300/8, U5-250/5, U5-300/6, U5-350/7, U5-400/8, U7-400/5, U7-450/6, U7-550/7, U9-400/5, U9-450/6, U9-550/7, U9-750/8	14mm	Rotating face Stationary face Elastomer	Graphite SiC EPDM	SiC SiC EPDM
	U18-750/5, U18-900/6, U18-950/7, U18-1000/8	14mm / L	Rotating face Stationary face Elastomer	Graphite Ceramic EPDM	SiC SiC EPDM
	U3-350/10, U3-400/12, U3-450/14, U3-550/16, U5-450/10, U5-550/12, U5-750/14, U7-800/10, U7-900/12, U7-1000/14, U9-800/10, U9-900/12, U9-1000/14	14mm / Balanced seal	Rotating face Stationary face Elastomer	Tungsten carbide Graphite EPDM	- - -

BEARINGS	PUMP MODEL	TYPE	
	U3-120/4	6202-ZZ	6302-ZZ C3
	U3-150/5, U3-200/6, U3-250/7, 3- U3-300/8, U 5-180/4, U5-250/5, 3- U5-300/6, 3- U7-300/4	6203-ZZ	6304-ZZ C3
	1- U3-300/8, U3-350/10, U3-400/12, 1- U5-300/6, U5-350/7, U5-400/8, 1- U7-300/4, U7-400/5, U9-350/4, U9-400/5, U18-400/3	6203-ZZ	6305-ZZ C3
	U7-450/6, U7-550/7, U9-450/6, U9-550/7, U18-550/4	6204-ZZ	6306-ZZ-C3
	U3-450/14, U3-550/16, U5-450/10	6204-ZZ	3206-ZZ C3
	U5-550/12, U5-750/14, U7-750/8, U7-800/10, U7-900/12, U9-750/8, U9-800/10, U9-900/12, U18-750/5, U18-900/6	6206-ZZ C3	3306-ZZ C3
	U7-1000/14, U9-1000/14, U18-950/7, U18-1000/8	6206-ZZ C3	3308-ZZ C3

ULTRA V/L/H + VSD

Vertical booster pump with variable speed drive

ULTRA V



EPIC / EPIC-A

IPFC

ULTRA L



EPIC / EPIC-A

IPFC

ULTRA H



IPFC

DESCRIPTION

Vertical pump of ULTRA 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 ULTRA series
- Pressure sensor wired to the vsd
- Cable with plug for EPIC vsd only

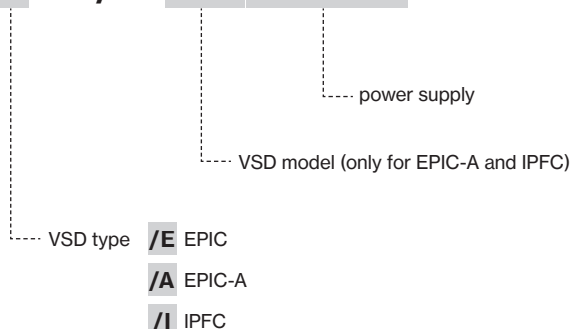
FUNCTIONING

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 ULTRA pump models available for the assembly with EPIC, EPIC-A or IPFC. For pumps longer than 1.4m, IPFC is not assembled onto the motor fan cover but is supplied with a wall-mounting kit. Consult the catalog at the ULTRA series for pump specifics and characteristic curves.

U5SL /A 250/5 T -209 3×220-60



		3- PUMP						VSD TYPE					
TYPE		VERSION						Power supply					
		V	SV	L	SL SLX	LG	SL SLGX	1-220V		3-380V		3-220V	
U 3	120/4T	■	■	■	■	-	-	EPIC	IPFC 109	EPIC-A 304	IPFC 306	EPIC-A 206	IPFC 206
	150/5T	■	■	■	■	-	-			EPIC-A 306		EPIC-A 209	IPFC 209
	200/6T	■	■	■	-	-	-		-	-	EPIC-A 309	IPFC 309	EPIC-A 214
	250/7T	■	■	■	■	-	-	-			IPFC 311	-	IPFC 218
	300/8T	■	■	■	■	-	-	-			-	-	-
	350/10T	-	-	-	-	-	■	-			-	-	-
	400/12T	-	-	-	-	-	■	-			-	-	-
	450/14T	-	-	-	-	-	■	-	-	-	-		
U 5	180/4T	■	■	■	■	-	-	EPIC	IPFC 109	EPIC-A 304	IPFC 306	EPIC-A 209	IPFC 209
	250/5T	■	■	■	■	-	-	-	-	EPIC-A 306		IPFC 309	EPIC-A 214
	300/6T	■	■	■	■	-	-			EPIC-A 309	IPFC 309	IPFC 311	IPFC 218
	350/7T	■	■	■	■	-	-			-	IPFC 314	-	IPFC 225
	400/8T	■	■	■	■	-	-	-	-	-	-	-	
	450/10T	-	-	-	-	-	■	-	-	-	-		
	550/12T	-	-	-	-	-	■	-	-	-	-		
	750/14T	-	-	-	-	-	■	-	-	-	-		
U 7	300/4T	■	■	■	■	-	-	-	IPFC 114	EPIC-A 306	IPFC 306	EPIC-A 214	IPFC 214
	400/5T	■	■	■	■	-	-			EPIC-A 309	IPFC 309		
	450/6T	■	■	■	■	-	-		-	-	IPFC 311	IPFC 218	
	550/7T	■	■	■	■	-	-				IPFC 314	IPFC 225	
	750/8T	■	■	■	■	-	-				IPFC 318	IPFC 230	
	800/10T	-	-	-	-	-	■		-	-	-	-	
	900/12T	-	-	-	-	-	■		-	-	-	-	
	U 9	350/4T	■	■	■	■	-		-	-	-	EPIC-A 309	IPFC 309
400/5T		■	■	■	■	-	-	-	-			IPFC 311	IPFC 218
450/6T		■	■	■	■	-	-					IPFC 314	IPFC 225
550/7T		■	■	■	■	-	-	-	-			IPFC 318	IPFC 230
750/8T		■	■	■	■	-	-					IPFC 325	-
800/10T		-	-	-	-	-	■					-	-
900/12T		-	-	-	-	-	■	-	-			-	-

ULTRA+VSD

TYPE		3- PUMP							VSD TYPE				
		VERSION							Power supply				
		V	SV	L	SL SLX	LG	HS	HX	1-220V	3-380V		3-220V	
U 18	200/1T	-	-	-	-	-	-	■	IPFC 109	EPIC-A 304	IPFC 306	EPIC-A 206	IPFC 206
	400/2T	-	-	-	-	-	-	■	IPFC 114	EPIC-A 306		EPIC-A 214	IPFC 211
	400/3T	■	■	■	■	-	-	-	-	-	IPFC309		IPFC 214
	550/3T	-	-	-	-	-	-	-					
	550/4T	■	■	■	■	-	-	-			IPFC311	IPFC 225	
	750/4T	-	-	-	-	-	-	-					
	750/5T	■	■	■	■	-	-	-			IPFC 314		
	1000/5T	-	-	-	-	-	-	-			IPFC318	IPFC 230	
	900/6T	■	■	■	■	-	-	-					
	950/7T	-	-	-	-	■	-	-					
	1500/6T	-	-	-	-	-	-	-			IPFC325	-	
	1500/7T	-	-	-	-	-	-	-					
	1500/8T	-	-	-	-	-	-	-			IPFC330	-	
	2000/9T	-	-	-	-	-	-	-					
2000/10T	-	-	-	-	-	-	-	IPFC330			-		
2000/11T	-	-	-	-	-	-	-						
U 22	300/1T	-	-	-	-	-	■	■	IPFC 114	EPIC-A 306	IPFC 306	EPIC-A 209	IPFC 209
	550/2T	-	-	-	-	-	■	■	-	-	IPFC 309	-	IPFC 214
	750/3T	-	-	-	-	-	■	■					IPFC 311
	1000/4T	-	-	-	-	-	■	■			IPFC 318	IPFC 230	
	1500/5T	-	-	-	-	-	■	■			IPFC 325	-	-
	1500/6T	-	-	-	-	-	■	■					
	2000/7T	-	-	-	-	-	■	■			IPFC 330	-	-
	2000/8T	-	-	-	-	-	■	■					
U 35	400/1-1RT	-	-	-	-	-	■	■			-	-	EPIC-A 309
	550/1T	-	-	-	-	-	■	■	IPFC 309	IPFC 218			
	750/2-2RT	-	-	-	-	-	■	■	IPFC 314	IPFC 225			
	1000/2-1RT	-	-	-	-	-	■	■	IPFC 318	IPFC 230			
	1500/2T	-	-	-	-	-	■	■	IPFC 325	-			-
	1500/3-2RT	-	-	-	-	-	■	■					
	1500/3-1RT	-	-	-	-	-	■	■	IPFC 330	-			-
	2000/3T	-	-	-	-	-	■	■					
	2000/4-2RT	-	-	-	-	-	■	■					
2000/4-1RT	-	-	-	-	-	■	■						
U 50	750/1-1RT	-	-	-	-	-	■	■	-	-	IPFC 311	-	IPFC 218
	1000/1T	-	-	-	-	-	■	■			IPFC 314		IPFC 225
	1500/2-2RT	-	-	-	-	-	■	■			IPFC 325	-	-
	1500/2-1RT	-	-	-	-	-	■	■					
	2000/2T	-	-	-	-	-	■	■			IPFC 330		
U 75	1000/1-1RT	-	-	-	-	-	■	■	-	-	IPFC 314	-	IPFC 225
	1500/1T	-	-	-	-	-	■	■			IPFC 325		-
	2000/2-2RT	-	-	-	-	-	■	■			IPFC 330		-
U 90	1500/1-1RT	-	-	-	-	-	■	■	-	-	IPFC 325	-	-
	2000/1RT	-	-	-	-	-	■	■			IPFC 330		

