

2ULTRA A / SA



Pressurisation units with 2 self-priming pumps of ULTRA A or ULTRA SA series on a single skid, connected in parallel by suction and delivery manifolds.

They are available in fixed speed version with electronic control panel or in variable speed version with EPIC inverters for constant pressure. The key characteristics of these systems are their reliability, user-friendly operation, and low maintenance needs. Installation of a pressure tank is required.

Booster set features

Suction manifold	galvanized steel with non-return and isolation valves
Delivery manifold	galvanized steel with pressure gauge and isolation valves, two connectors in the delivery manifold for direct installation of pressure tanks up to 24 lt
Base frame	galvanized steel
Fixed speed	electronic control panel EQ2SM(T) and two pressure switches
Variable speed	inverter EPIC on each pump and two pressure sensors
Pressure tanks	available on request as accessories

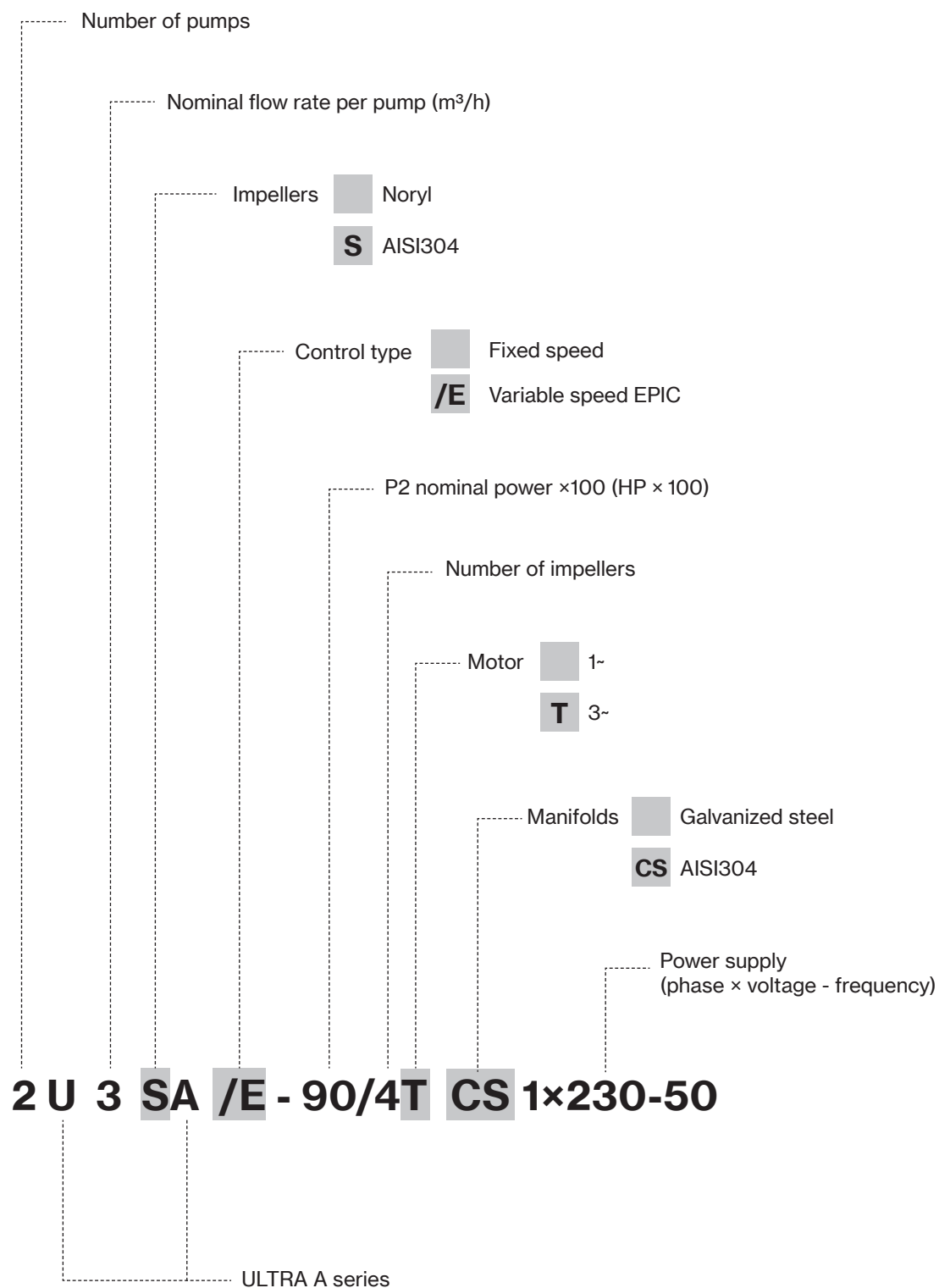
Pump features

Pump body, mechanical seal housing	stainless steel AISI 304
Motor bracket	aluminum
Impellers, diffusers	Noryl®
Mechanical seal	ceramic-graphite-EPDM
Motor shaft	stainless steel AISI 303
Liquid temperature	-5 ÷ +35 °C
Operating pressure	max 7 bar
2 poles induction motor	3~ 230/400V - 50Hz 1~ 230V - 50Hz
Motor insulation class	F
Motor protection degree	IPX4

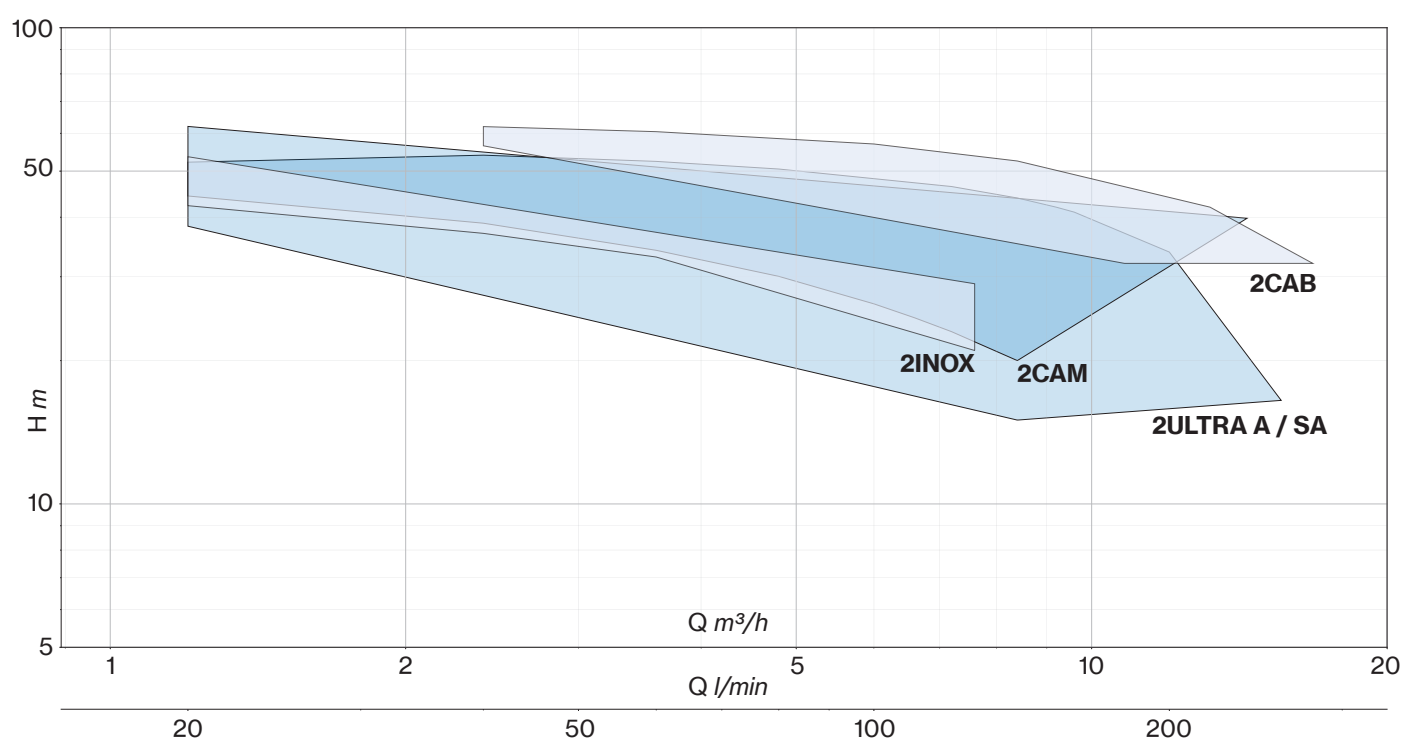
PERFORMANCE

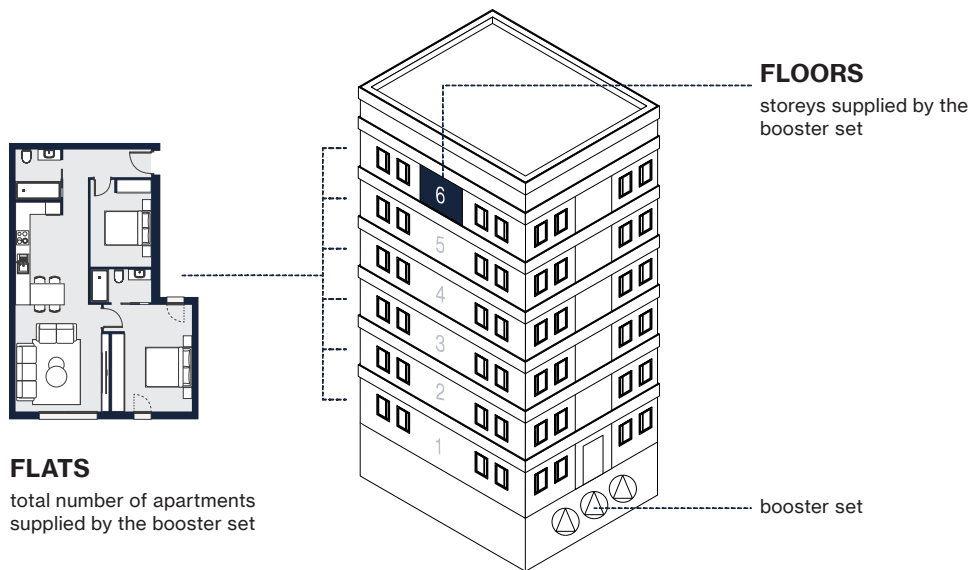
TARGET (2 pumps)		MODEL			P2 NOMINAL		Q (m³/h - l/min)												
		FIXED SPEED		VARIABLE SPEED			0	1,2	2,4	3,6	4,8	7,2	8,4	9,2	9,6	12,0	14	15,6	
		1- 230V	3- 400V	1- 230V-in 3- 230V-out			0	20	40	60	80	120	140	153,4	160	200	233	260	
l/min	bar				HP (x2)	kW (x2)	H (m)												
80	3	2U 3A-90/4	2U 3A-90/4T	2U 3A/E-90/4T	0,9	0,66	40,8	38,3	35,1	31,8	29,9	19,8	15,0						
		2U 3SA-90/4	2U 3SA-90/4T	2U 3SA/E-90/4T			43,0	41,0	38,3	35,0	31,3	22,3	17,2	13,5					
100		2U 3A-100/5	2U 3A-100/5T	2U 3A/E-100/5T	1	0,75	52,2	48,9	45,1	40,8	36,0	25,4	19,8	15,0					
		2U 3SA-100/5	2U 3SA-100/5T	2U 3SA/E-100/5T			54,0	52,1	48,8	44,9	40,2	29,0	22,0	16,8					
160		2U 5A-120/4	2U 5A-120/4T	2U 5A/E-120/4T	1,2	0,9	45,3	44,2	42,8	41,3	39,6	35,6	33,4	31,7	30,8	24,0	15,0		
		2U 5SA-120/4	2U 5SA-120/4T	2U 5SA/E-120/4T			44,5	43,3	42,1	41,0	40,0	36,4	34,3	32,8	32,0	26,2	18,5	13,5	
200		2U 5A-150/5	2U 5A-150/5T	2U 5A/E-150/5T	1,5	1,1	56,8	55,9	54,6	53,0	51,0	46,1	43,2	41,2	40,1	33,0	24,0	15,0	
		2U 5SA-150/5	2U 5SA-150/5T	2U 5SA/E-150/5T			56,0	52,2	54,0	52,4	50,5	46,4	43,9	42,0	41,0	33,8	23,8	16,5	



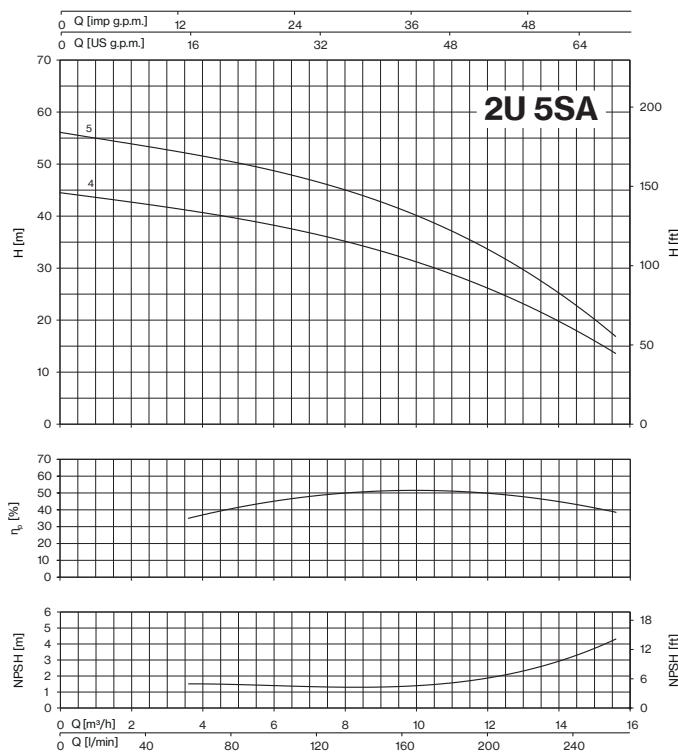
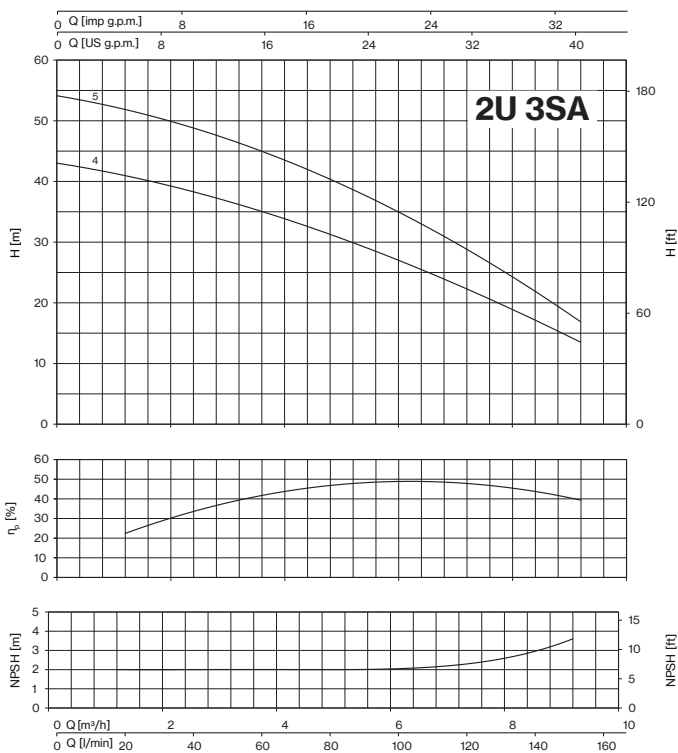
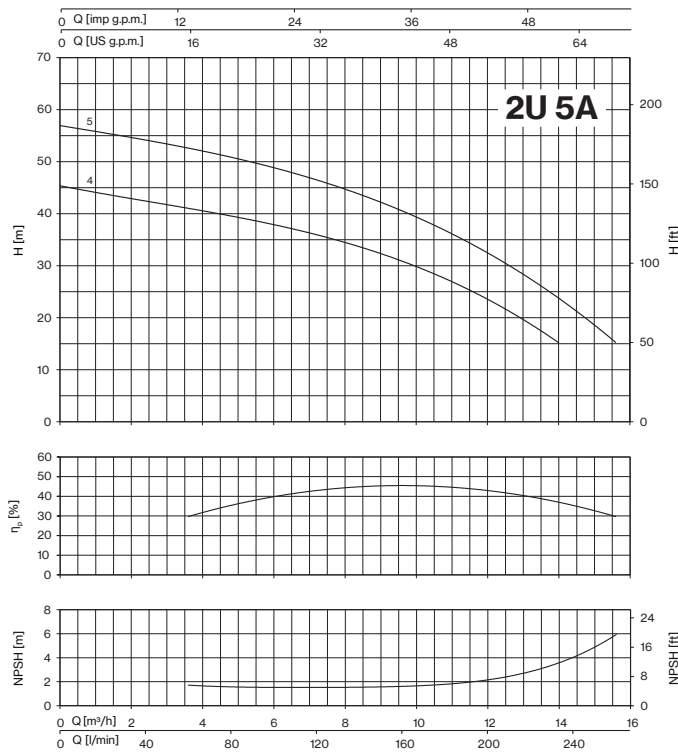
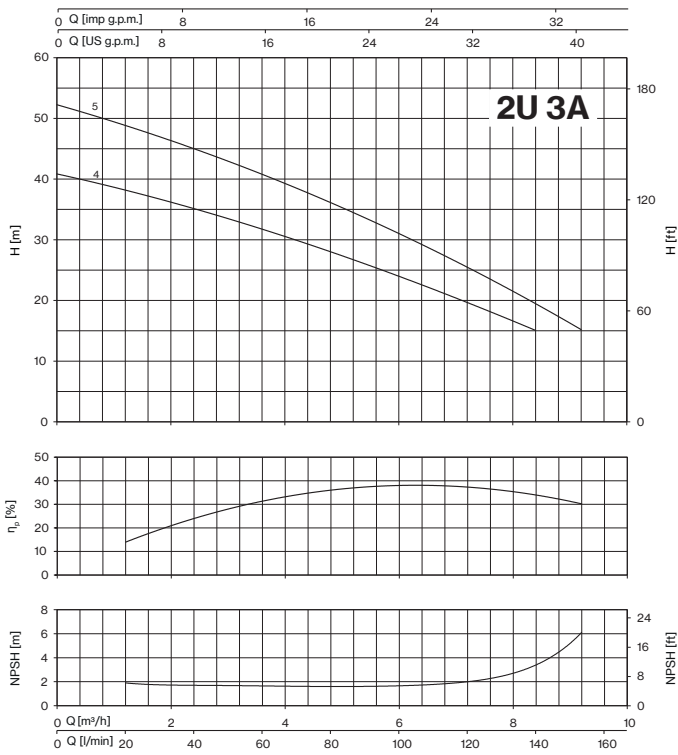


Performance data and curves

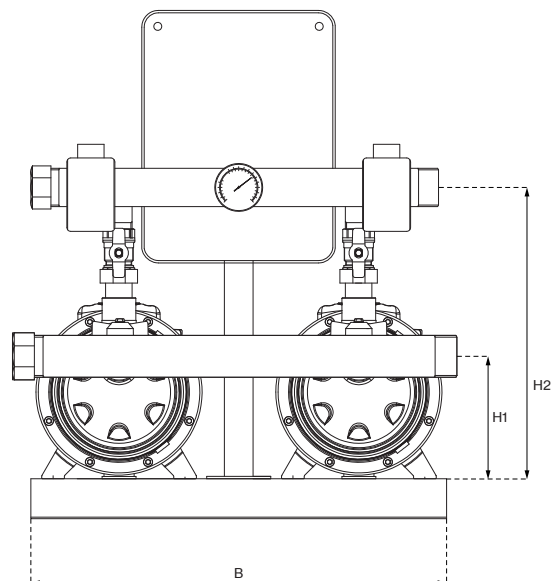
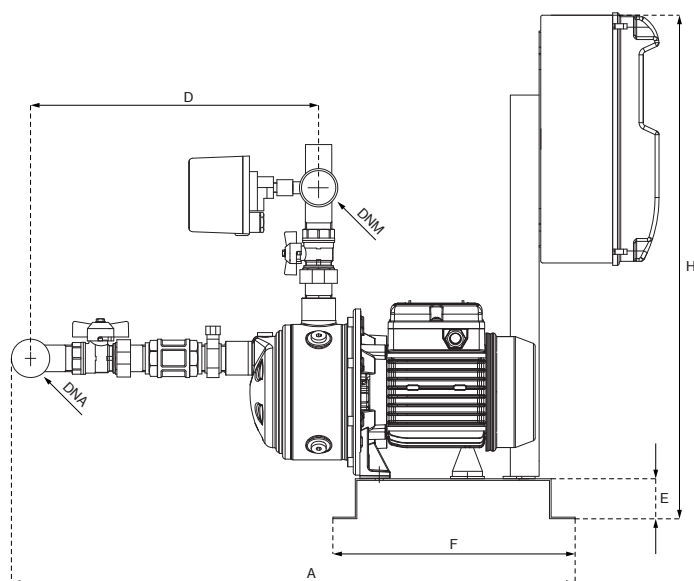




FLATS		FLOORS	ULTRA A series	ULTRA SA series	CAM series	INOX series	CAB series
1 duty and 1 standby pumps	2 duty pumps						
1	1-2	1-2	2U3A_-90/4_	2U3SA_-90/4_	2CAM_100N	2INOX_100N	-
		3	-	2U3SA_-90/4_	2CAM_100N	-	-
2	3-4	1-2	2U3A_-100/5_	2U3SA_-90/4_	2CAM_120	2INOX_120	-
		3	2U3A_-100/5_	2U3SA_-100/5_	2CAM_140	2INOX_140	-
		4	-	2U3SA_-100/5_	2CAM_140	-	-
		5	-	-	-	-	2CAB_150
3-4	5-8	1-2	2U5A_-120/4_	2U5SA_-120/4_	2CAM_140	2INOX_140	-
		3	2U5A_-120/4_	2U5SA_-120/4_	2CAM_150	-	-
		4	2U5A_-150/5_	2U5SA_-150/5_	2CAM_200	-	2CAB_150
		5	2U5A_-150/5_	2U5SA_-150/5_	2CAM_200	-	2CAB_150
		6	2U5A_-150/5_	2U5SA_-150/5_	2CAM_300	-	2CAB_200
		7	-	-	2CAM_300	-	2CAB_200
		8	-	-	-	-	2CAB_300



2U A / SA



MODEL			P1		In			Required tank for v.s.	DIMENSIONS										WEIGHT	
FIXED SPEED		VARIABLE SPEED							A	B	D	E	F	H	H1	H2	DNA	DNM		
1- 230V	3- 400V	1- 230V-in 3- 230V-out	1~ kW (x2)	3~ kW (x2)	1- 230V A (x2)	3- 400V A (x2)	3- 230V A (x2)	Lt	mm										f.s.	v.s.
2U 3A-90/4	2U 3A-90/4T	2U 3A/E-90/4T	0,9	0,88	4	1,8	3,1	2× 8	829	560	453	40	350	545	128	333	2" G	1" ½ G	41	46
2U 3SA-90/4	2U 3SA-90/4T	2U 3SA/E-90/4T	0,83	0,8	3,6	1,7	2,9	2× 8	853	560	477	40	350	545	128	333			46	51
2U 3A-100/5	2U 3A-100/5T	2U 3A/E-100/5T	1,06	1,01	4,8	1,9	3,3	2× 8	853	560	477	40	350	545	128	333			46	51
2U 3SA-100/5	2U 3SA-100/5T	2U 3SA/E-100/5T	0,99	0,92	4,4	1,7	2,9	2× 8	853	560	477	40	350	545	128	333			46	51
2U 5A-120/4	2U 5A-120/4T	2U 5A/E-120/4T	1,13	1,13	5,2	2,5	4,3	2× 20	829	560	453	40	350	545	128	333			46	51
2U 5SA-120/4	2U 5SA-120/4T	2U 5SA/E-120/4T	1,09	1,08	4,9	2,4	4,2	2× 20	829	560	453	40	350	545	128	333			46	51
2U 5A-150/5	2U 5A-150/5T	2U 5A/E-150/5T	1,47	1,39	6,8	2,8	4,9	2× 20	853	560	477	40	350	545	134	339			52	57
2U 5SA-150/5	2U 5SA-150/5T	2U 5SA/E-150/5T	1,39	1,31	6,5	2,7	4,7	2× 20	853	560	477	40	350	545	134	339			52	57

f.s. : fixed speed
v.s. : variable speed

