

ULTRA HS/HX

Multistage Vertical

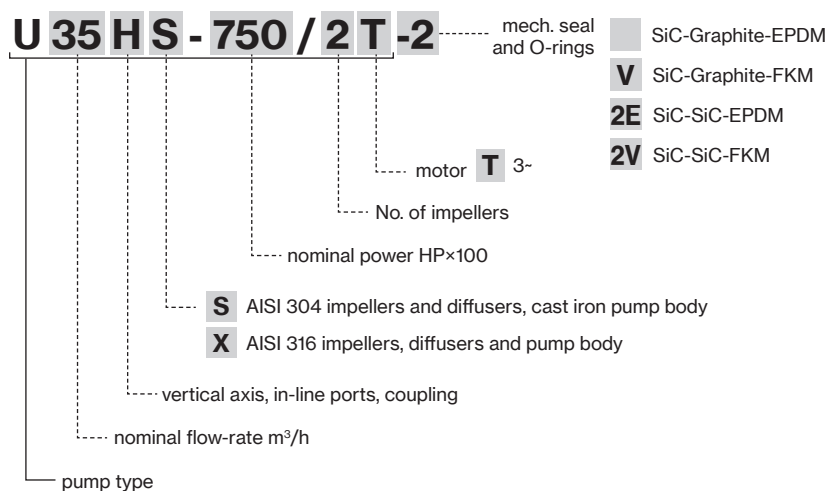
Stainless steel multistage vertical pumps. Suitable for clean non-loaded fluids, pressurizing system, irrigation, drinking and glycol water, water treatment, food industry, heating and air conditioning, washing system.

Construction features

Pump body	cast iron (HS) EN 1.4401 / AISI 316 (HX)
Motor bracket	cast iron
Seal plate housing	EN 1.4301 / AISI 304 (HS) EN 1.4401 / AISI 316 (HX)
Impellers, diffusers, shell	EN 1.4301 / AISI 304 (HS) EN 1.4401 / AISI 316 (HX)
Pump shaft	EN 1.4057 / AISI 431 (HS) EN 1.4460 / AISI 329 (HX)
Mechanical seal	silicon carbide-graphite-EPDM
Intermediate bush	tungsten carbide
Ambient temperature	max 40° C
Liquid temperature	-15 ÷ +120 °C (max 85° for domestic use)
Max operating pressure	32 bar (U 35-50) 25 bar (U 75-90)
Pump body gasket	EPDM

Motor

2 poles induction motor	3~ 220/380V - 60Hz P 4kW, size B14 V1 3~ 380/660V - 60Hz P > 4kW, size B5 V1
	IE3 efficiency class
Insulation class	F
Protection degree	IP55



ULTRA HS

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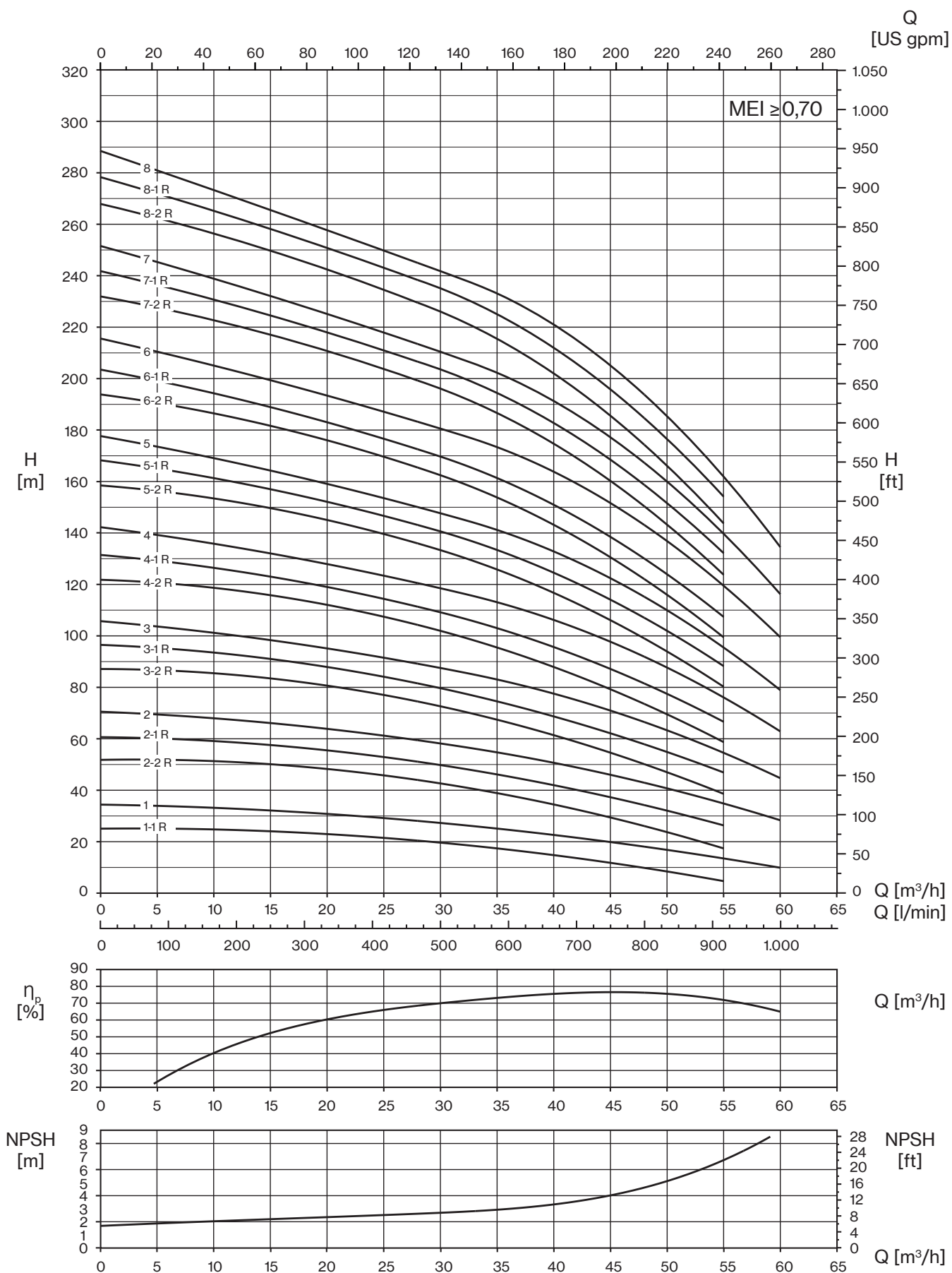
ULTRA 35-50 HS/HX

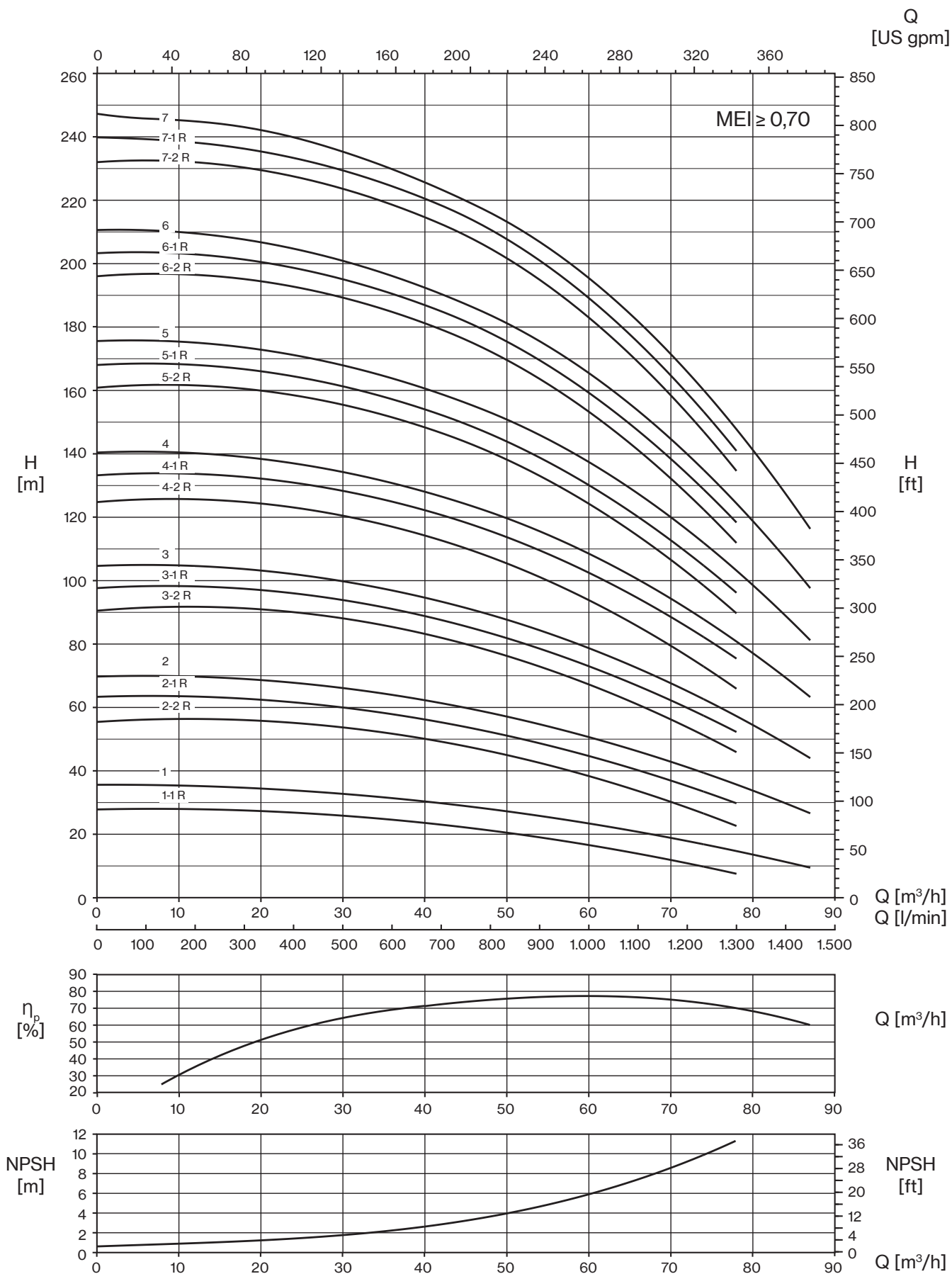
TYPE - 60 Hz	P2		Q (l/min - m³/h - US gpm)										
			0	466,7	533,3	600,0	666,7	733,3	800,0	900,0	1000,0	1100,0	1233,3
			0	28	32	36	40	44	48	54	60	66	74
			0	123,1	140,7	158,3	175,9	193,5	211,0	237,4	263,8	290,2	325,4
3~	HP		H (m)										
U 35....400/1-1RT	3	4	25,6	20,2	18,9	17,2	15,0	12,8	10,2				
U 35....550/1T	4	5,5	35,6	28,1	26,6	25,0	23,4	21,2	18,6				
U 35....750/2-2RT	5,5	7,5	52,6	43,9	41,5	38,4	34,6	30,6	26,1				
U 35....1000/2-1RT	7,5	10	62,0	51,4	48,8	45,8	42,6	38,7	34,0				
U 35....1500/2T	11	15	72,2	59,5	57,1	54,5	51,7	48,1	43,6				
U 35....1500/3-2RT	11	15	88,7	74,9	71,1	66,7	61,9	56,3	49,6				
U 35....1500/3-1RT	11	15	98,3	81,8	78,3	74,2	69,8	64,3	57,8				
U 35....2000/3T	15	20	107,4	89,3	86,2	82,5	78,5	73,4	67,0				
U 35....2000/4-2RT	15	20	123,7	104,7	100,2	94,7	88,8	81,6	73,1				
U 35....2000/4-1RT	15	20	133,2	111,7	107,4	102,3	96,7	89,8	81,3				
U 35....2500/4T	18,5	25	144,0	120,9	116,9	112,3	107,0	100,6	92,2				
U 35....2500/5-2RT	18,5	25	160,4	136,5	131,1	124,6	117,5	109,0	98,5				
U 35....2500/5-1RT	18,5	25	170,0	143,5	138,4	132,3	125,4	117,2	106,8				
U 35....3000/5T	22	30	179,4	150,6	145,8	140,0	133,6	125,6	115,3				
U 35....3000/6-2RT	22	30	195,7	166,0	159,8	152,2	143,9	133,9	121,5				
U 35....3000/6-1RT	22	30	205,2	173,0	167,1	159,8	151,8	142,1	129,8				
U 35....4000/6T	30	40	217,2	184,0	178,5	171,9	164,3	155,2	143,0				
U 35....4000/7-2RT	30	40	233,7	200,0	193,1	184,7	175,1	164,0	149,7				
U 35....4000/7-1RT	30	40	243,4	207,2	200,6	192,6	183,4	172,5	158,3				
U 35....4000/7T	30	40	253,1	214,4	208,1	200,4	191,6	181,0	167,0				
U 35....4000/8-2RT	30	40	269,6	230,3	222,6	213,1	202,3	189,8	173,5				
U 35....5000/8-1RT	37	50	279,8	239,1	231,7	222,8	212,4	200,3	184,2				
U 35....5000/8T	37	50	289,6	246,4	239,3	230,7	220,7	208,9	192,9				
U 50....750/1-1RT	5,5	7,5	29,0				24,1	23,0	21,9	19,6	17,2	14,4	10,2
U 50....1000/1T	7,5	10	36,7				30,3	29,7	28,6	26,4	24,4	21,6	17,5
U 50....1500/2-2RT	11	15	57,2				50,9	49,1	47,1	43,1	38,9	34,3	26,6
U 50....1500/2-1RT	11	15	64,7				56,6	55,2	53,1	49,2	45,6	40,8	33,3
U 50....2000/2T	15	20	71,2				62,0	60,8	59,2	55,6	51,9	47,2	40,1
U 50....2500/3-2RT	18,5	25	92,6				83,9	81,9	79,0	73,5	68,2	61,8	50,7
U 50....2500/3-1RT	18,5	25	99,5				89,0	87,2	84,6	79,4	74,1	67,6	57,0
U 50....2500/3T	18,5	25	106,3				94,2	92,5	90,3	85,3	79,9	73,4	63,2
U 50....3000/4-2RT	22	30	126,9				114,7	112,2	108,6	101,8	94,7	86,4	72,2
U 50....4000/4-1RT	30	40	135,1				122,2	120,0	116,9	110,5	103,4	95,3	81,7
U 50....4000/4T	30	40	142,0				127,5	125,4	122,7	116,5	109,4	101,4	88,1
U 50....4000/5-2RT	30	40	162,9				148,6	145,8	141,7	133,6	124,9	114,9	97,8
U 50....4000/5-1RT	30	40	169,8				153,8	151,1	147,5	139,7	130,8	120,9	104,2
U 50....5000/5T	37	50	177,1				160,0	157,5	154,3	146,8	138,0	128,2	111,9
U 50....5000/6-2RT	37	50	198,0				181,2	178,0	173,5	164,1	153,6	141,9	121,8
U 50....5000/6-1RT	37	50	204,9				186,5	183,4	179,3	170,2	159,6	148,0	128,2
U 50....5000/6T	37	50	211,8				191,8	188,8	185,0	176,2	165,6	154,0	134,6
U 50....6000/7-2RT	45	60	233,7				214,5	210,8	205,8	195,1	183,0	169,5	146,5
U 50....6000/7-1RT	45	60	240,7				219,8	216,2	211,6	201,3	189,0	175,6	152,9
U 50....6000/7T	45	60	247,7				225,1	221,7	217,4	207,4	195,1	181,7	159,3



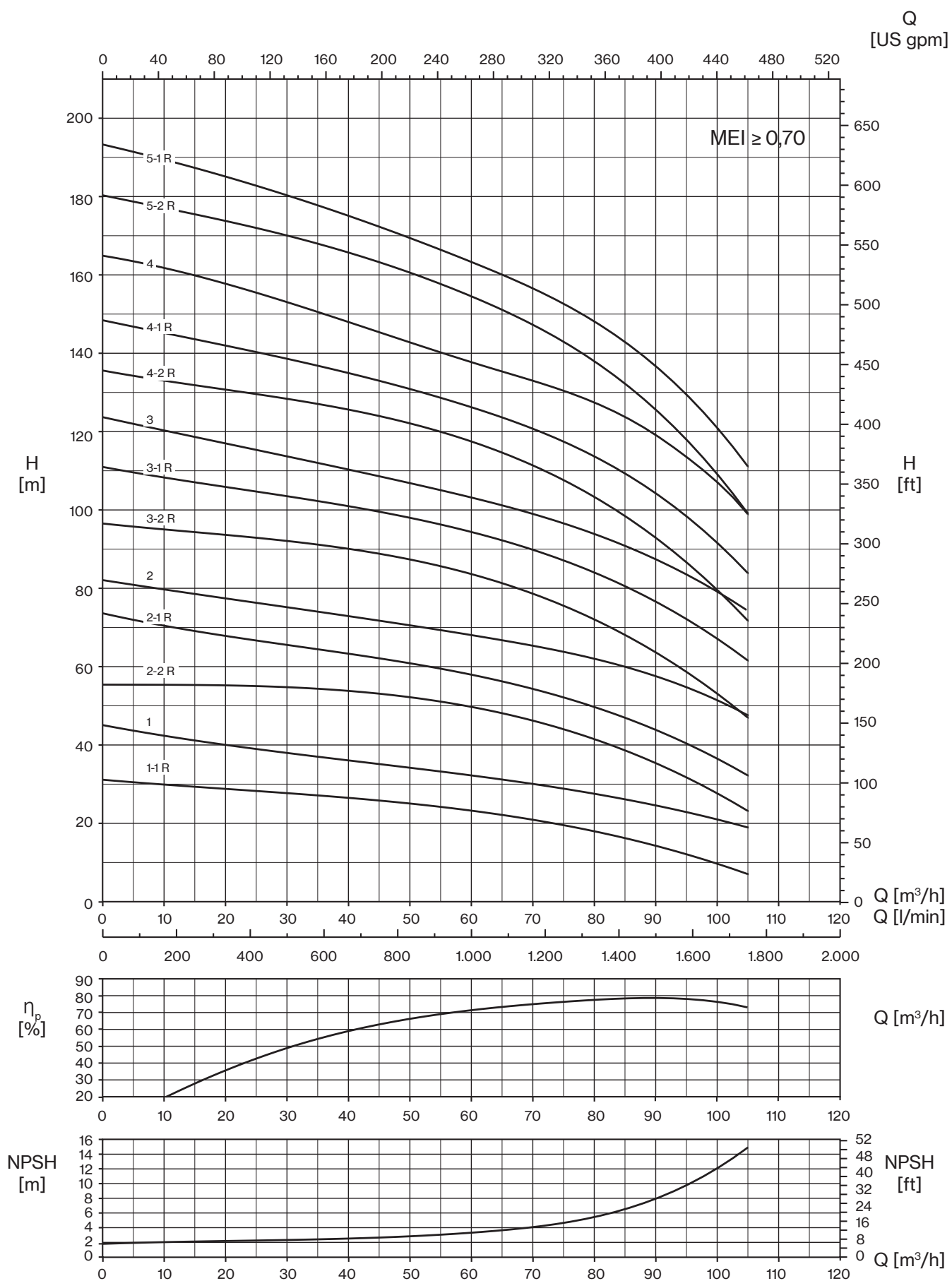
TYPE - 60 Hz	P2		Q (l/min - m³/h - US gpm)											
3~			0	583,3	750,0	916,7	1083,3	1250,0	1416,7	1583,3	1750,0	1916,7	2166,7	2300,0
			0	35,0	45,0	55,0	65,0	75,0	85,0	95,0	105,0	115,0	130,0	138,0
			0	153,9	197,9	241,8	285,8	329,8	373,7	417,7	461,7	505,6	571,6	606,7
	HP	kW	H (m)											
U 75...-1000/1-1RT	7,5	10	31,2	27,2	25,7	24,2	22,5	19,5	16,1	12,0	6,9			
U 75...-1500/1T	11	15	44,2	36,7	34,2	32,6	31,1	29,2	26,7	23,3	18,6			
U 75...-2000/2-2RT	15	20	56,6	54,7	53,2	51,1	48,4	43,8	38,1	31,6	23,6			
U 75...-2500/2-1RT	18,5	25	73,3	64,7	61,5	58,9	56,3	52,5	47,3	40,4	32,0			
U 75...-3000/2T	22	30	81,3	74,0	71,3	68,9	66,5	64,0	60,2	55,0	48,0			
U 75...-3000/3-2RT	22	30	97,1	91,5	88,6	85,4	81,4	75,5	67,9	58,8	47,2			
U 75...-4000/3-1RT	30	40	110,6	102,5	99,0	95,7	92,1	87,4	80,7	72,5	61,6			
U 75...-4000/3T	30	40	122,8	111,8	107,9	104,4	100,8	97,2	91,5	83,9	73,6			
U 75...-5000/4-2RT	37	50	135,8	127,4	123,5	119,5	114,7	107,7	98,4	86,9	71,9			
U 75...-5000/4-1RT	37	50	148,0	136,9	132,4	128,2	123,6	117,8	109,4	98,6	84,1			
U 75...-6000/4T	45	60	164,6	150,4	144,8	140,2	135,6	130,8	123,3	113,3	99,7			
U 75...-6000/5-2RT	45	60	180,7	168,3	162,7	157,4	151,3	143,2	131,9	118,0	99,8			
U 75...-6000/5-1RT	45	60	193,0	177,9	171,7	166,1	160,1	153,1	142,7	129,5	111,7			
U 90...-1500/1-1RT	11	15	38,6			29,9	28,5	27,1	25,6	23,3	20,1	16,4	9,9	5,8
U 90...-2000/1T	15	20	52,3			39,5	36,1	33,8	32,3	30,7	28,5	25,5	19,8	16,2
U 90...-2500/2-2RT	18,5	25	73,0			61,5	58,8	56,1	53,5	49,7	44,3	37,7	26,9	19,6
U 90...-3000/2-1RT	22	30	86,7			71,0	66,4	62,8	60,1	56,9	52,5	46,7	36,5	29,7
U 90...-4000/2T	30	40	103,0			84,3	79,0	74,6	70,9	67,4	63,7	58,9	49,6	43,5
U 90...-5000/3-2RT	37	50	122,8			104,5	98,6	93,7	89,9	85,3	79,0	70,3	56,1	46,1
U 90...-5000/3-1RT	37	50	137,8			116,4	109,9	104,2	99,3	94,4	88,6	80,9	67,3	58,0
U 90...-6000/3T	45	60	153,7			129,1	122,1	115,5	109,6	104,4	99,1	92,4	79,6	71,0
U 90...-6000/4-2RT	45	60	173,1			149,0	141,2	134,2	128,3	121,8	113,9	103,4	85,6	73,1

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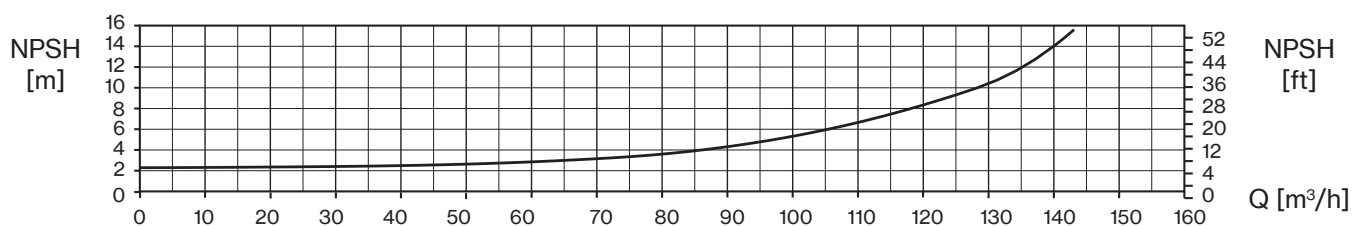
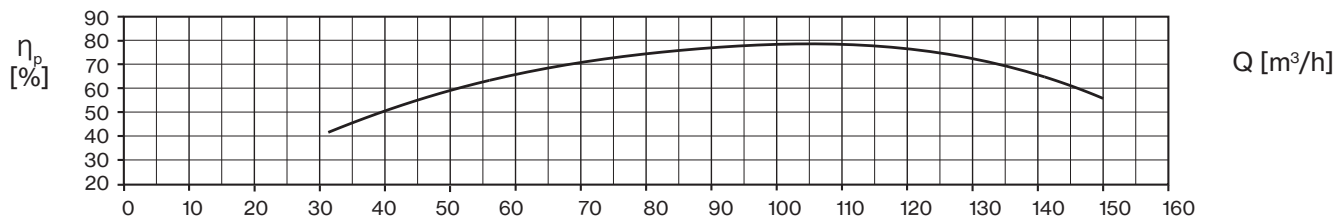
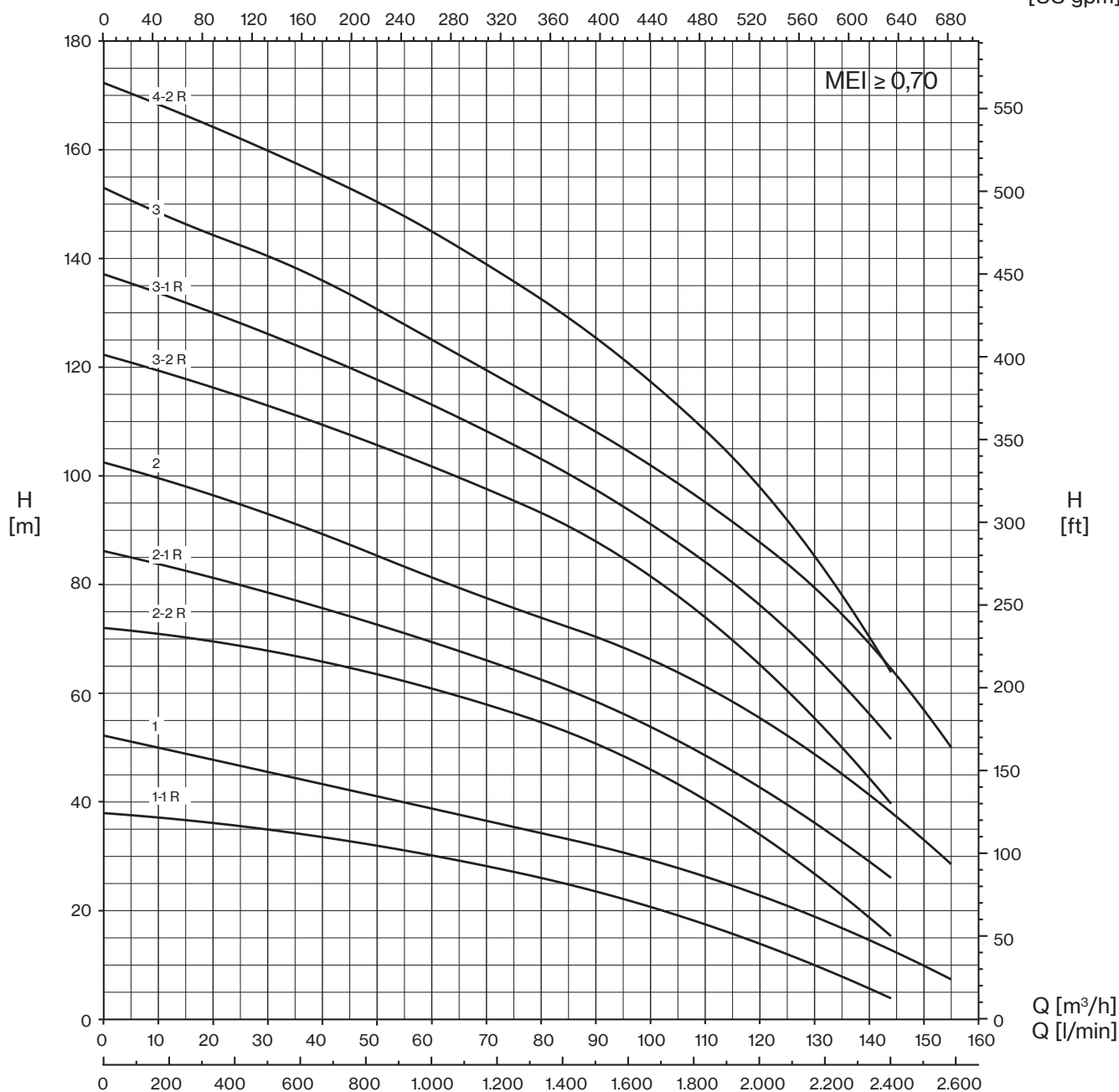


ULTRA 75 HS/HX



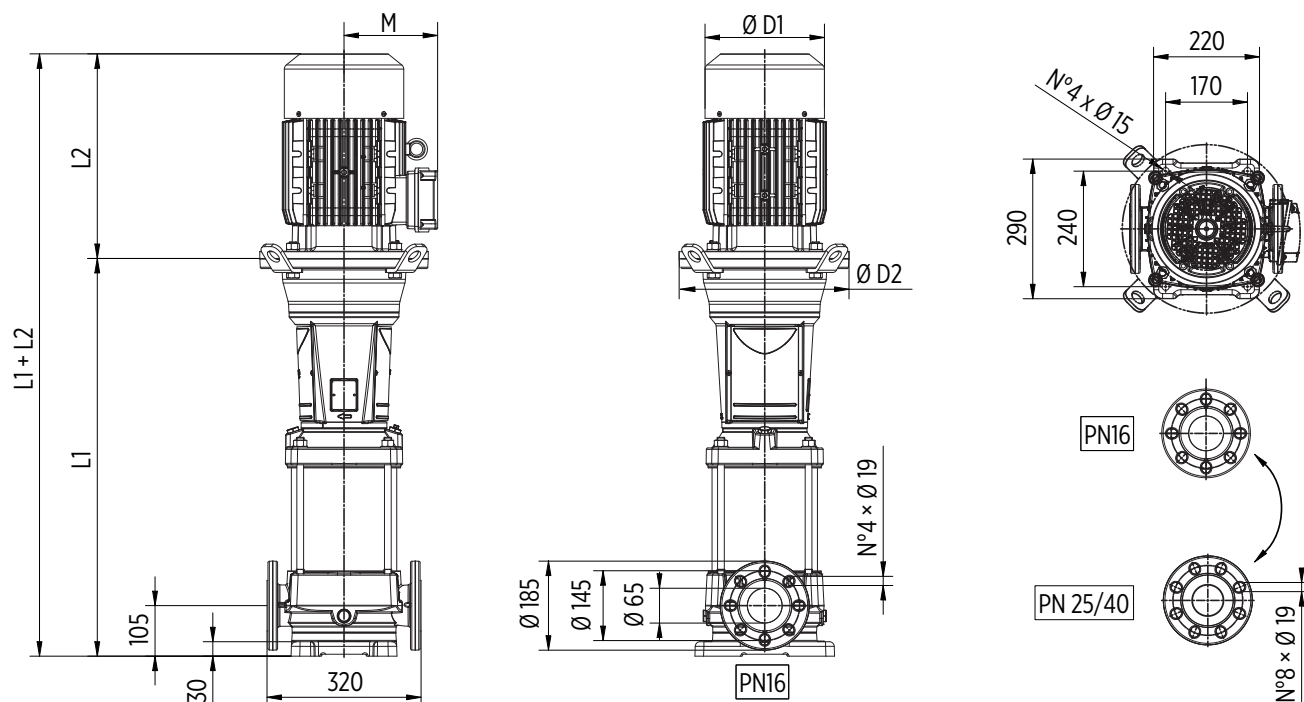
ULTRA 90 HS/HX

Q
[US gpm]



The hydraulic characteristics are guaranteed, according to ISO Standard 9906:2012, grade 3B

ULTRA 35 HS/HX

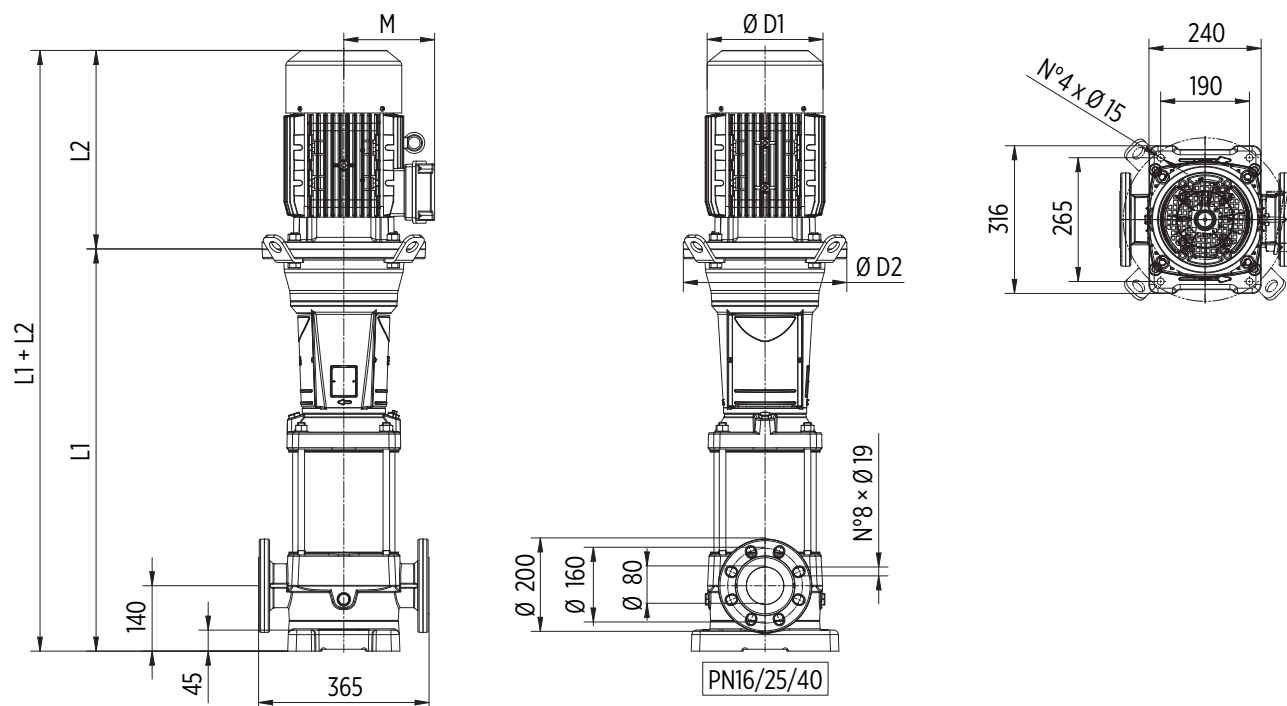


Round flanges on body type PN25/40: the pump is supplied without counterflanges (optional accessories, including bolts and joints)

TYPE	MOTOR		DIMENSIONS (mm)						Kg		
	kW	Dim	L1	L2	M	D1	D2	L1+L2	Pump	Motor	Electric Pump
U 35....400/1-1RT	3	100	431	333	157	205	170	764	48	35	83
U 35....550/1T	4	112	431	350	177	220	170	781	48	43	91
U 35....750/2-2RT	5,5	132	724	400	197	256	300	1124	72,5	66	138,5
U 35....1000/2-1RT	7,5	132	724	400	197	256	300	1124	72,5	73	145,5
U 35....1500/2T	11	160	744	503	255	315	350	1247	76	120	196
U 35....1500/3-2RT	11	160	826	503	255	315	350	1329	80	120	200
U 35....1500/3-1RT	11	160	826	503	255	315	350	1329	80	120	200
U 35....2000/3T	15	160	826	503	255	315	350	1329	80	132	212
U 35....2000/4-2RT	15	160	908	503	255	315	350	1411	84	132	216
U 35....2000/4-1RT	15	160	908	503	255	315	350	1411	84	132	216
U 35....2500/4T	18,5	160	908	598	252	315	350	1506	84	150	234
U 35....2500/5-2RT	18,5	160	991	598	252	315	350	1589	88	150	238
U 35....2500/5-1RT	18,5	160	991	598	252	315	350	1589	88	150	238
U 35....3000/5T	22	180	991	620	270	360	350	1611	87,5	205	292,5
U 35....3000/6-2RT	22	180	1073	620	270	360	350	1693	91,5	205	296,5
U 35....3000/6-1RT	22	180	1073	620	270	360	350	1693	91,5	205	296,5
U 35....4000/6T	30	200	1078	661	303	400	400	1739	95	250	345
U 35....4000/7-2RT	30	200	1160	661	303	400	400	1821	99	250	349
U 35....4000/7-1RT	30	200	1160	661	303	400	400	1821	99	250	349
U 35....4000/7R	30	200	1160	661	303	400	400	1821	99	250	349
U 35....4000/8-2RT	30	200	1242	661	303	400	400	1903	103	250	353
U 35....5000/8-1RT	37	200	1242	661	303	400	400	1903	103	270	373
U 35....5000/8T	37	200	1242	661	303	400	400	1903	103	270	373



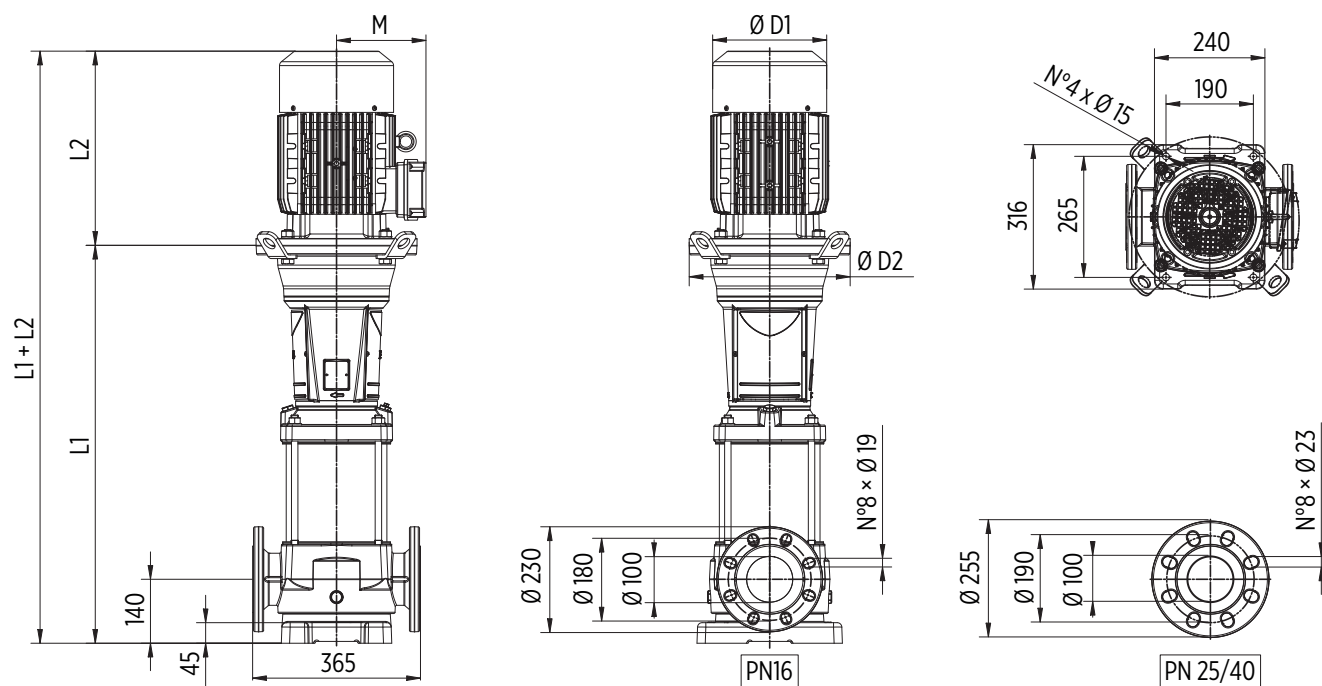
ULTRA 50 HS/HX



Round flanges on body type PN25/40: the pump is supplied without counterflanges (optional accessories, including bolts and joints)

TYPE	MOTOR		DIMENSIONS (mm)						Kg		
	kW	Dim	L1	L2	M	D1	D2	L1+L2	Pump	Motor	Electric Pump
U 50....750/1-1RT	5,5	132	677	400	197	256	300	1077	74,5	66	140,5
U 50....1000/1T	7,5	132	677	400	197	256	300	1077	74,5	73	147,5
U 50....1500/2-2RT	11	160	779	503	255	315	350	1282	81,5	120	201,5
U 50....1500/2-1RT	11	160	779	503	255	315	350	1282	81,5	120	201,5
U 50....2000/2T	15	160	779	503	255	315	350	1282	81,5	132	213,5
U 50....2500/3-2RT	18,5	160	861	598	252	315	350	1459	85,5	150	235,5
U 50....2500/3-1RT	18,5	160	861	598	252	315	350	1459	85,5	150	235,5
U 50....2500/3T	18,5	160	861	598	252	315	350	1459	85,5	150	235,5
U 50....3000/4-2RT	22	180	943	620	270	360	350	1563	89,5	205	294,5
U 50....4000/4-1RT	30	200	948	661	303	400	400	1609	92,5	250	342,5
U 50....4000/4T	30	200	948	661	303	400	400	1609	92,5	250	342,5
U 50....4000/5-2RT	30	200	1031	661	303	400	400	1692	96,5	250	346,5
U 50....4000/5-1RT	30	200	1031	661	303	400	400	1692	96,5	250	346,5
U 50....5000/5T	37	200	1031	661	303	400	400	1692	96,5	270	366,5
U 50....5000/6-2RT	37	200	1113	661	303	400	400	1774	100,5	270	370,5
U 50....5000/6-1RT	37	200	1113	661	303	400	400	1774	100,5	270	370,5
U 50....5000/6T	37	200	1113	661	303	400	400	1774	100,5	270	370,5
U 50....6000/7-2RT	45	225	1195	710	312	450	450	1905	106,5	315	421,5
U 50....6000/7-1RT	45	225	1195	710	312	450	450	1905	106,5	315	421,5
U 50....6000/7T	45	225	1195	710	312	450	450	1905	106,5	315	421,5

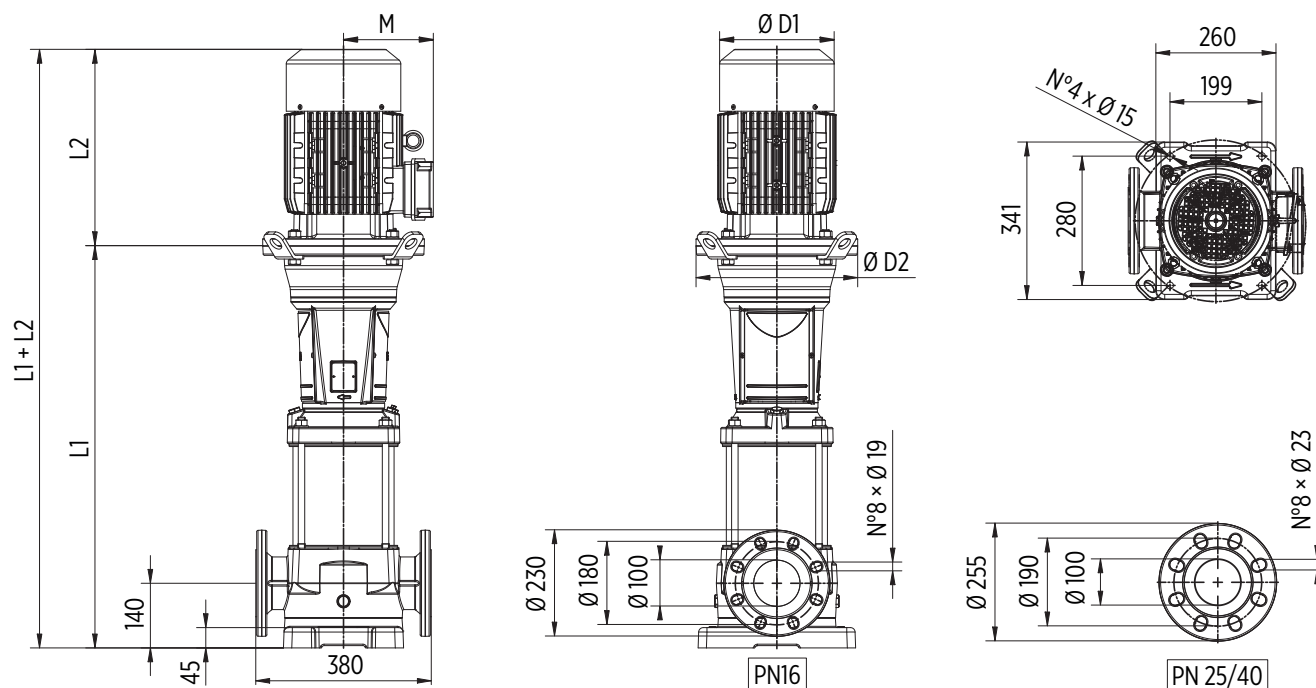
ULTRA 75 HS/HX



Round flanges on body type PN25/40: the pump is supplied without counterflanges (optional accessories, including bolts and joints)

TYPE	MOTOR		DIMENSIONS (mm)						Kg		
	kW	Dim	L1	L2	M	D1	D2	L1+L2	Pump	Motor	Electric Pump
U 75....1000/1-1RT	7,5	132	737	400	197	256	300	1137	80,5	73	153,5
U 75....1500/1T	11	160	757	503	255	315	350	1260	84	120	204
U 75....2000/2-2RT	15	160	849	503	255	315	350	1352	88,5	132	220,5
U 75....2500/2-1RT	18,5	160	849	598	252	315	350	1447	88,5	150	238,5
U 75....3000/2T	22	180	849	620	270	360	350	1469	88	205	293
U 75....3000/3-2RT	22	180	941	620	270	360	350	1561	92,5	205	297,5
U 75....4000/3-1RT	30	200	946	661	303	400	400	1607	96	250	346
U 75....4000/3T	30	200	946	661	303	400	400	1607	96	250	346
U 75....5000/4-2RT	37	200	1038	661	303	400	400	1699	100,5	270	370,5
U 75....5000/4-1RT	37	200	1038	661	303	400	400	1699	100,5	270	370,5
U 75....6000/4T	45	225	1038	710	312	450	450	1748	102,5	315	417,5
U 75....6000/5-2RT	45	225	1131	710	312	450	450	1841	107	315	422
U 75....6000/5-1RT	45	225	1131	710	312	450	450	1841	107	315	422





Round flanges on body type PN25/40: the pump is supplied without counterflanges (optional accessories, including bolts and joints)

TYPE	MOTOR		DIMENSIONS (mm)						Kg		
	kW	Dim	L1	L2	M	D1	D2	L1+L2	Pump	Motor	Electric Pump
U 90....1500/1-1RT	11	160	757	503	255	315	350	1260	85,5	120	205,5
U 90....2000/1T	15	160	757	503	255	315	350	1260	85,5	132	217,5
U 90....2500/2-2RT	18,5	160	849	598	252	315	350	1447	89	150	239
U 90....3000/2-1RT	22	180	849	620	270	360	350	1469	89	205	294
U 90....4000/2T	30	200	854	661	303	400	400	1515	92	250	342
U 90....5000/3-2RT	37	200	946	661	303	400	400	1607	95,5	270	365,5
U 90....5000/3-1RT	37	200	946	661	303	400	400	1607	95,5	270	365,5
U 90....6000/3T	45	225	946	710	312	450	450	1656	98	315	413
U 90....6000/4-2RT	45	225	1038	710	312	450	450	1748	101,5	315	416,5

ULTRA HS-HX Serie-Mechanical seal and bearings

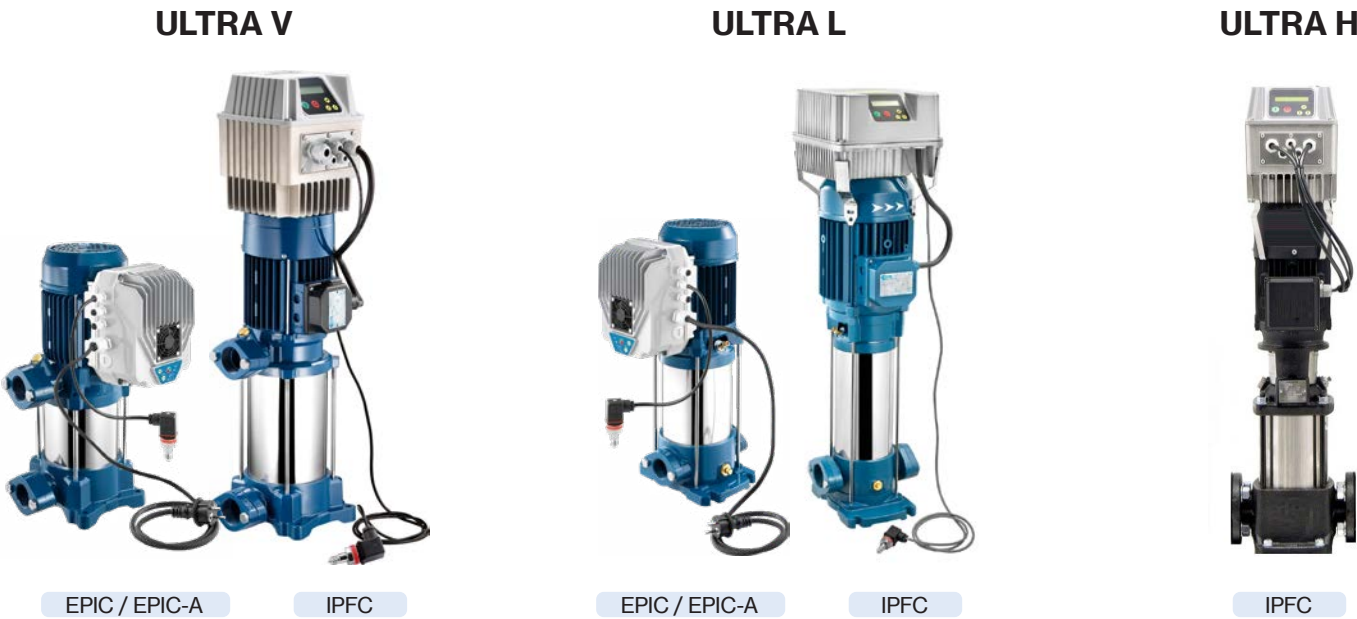
CARTRIDGE MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL		
	U18-200/1T, U18-400/2T, U18-550/3T, U18-750/4T, U18-1000/5T, U18-1500/6T, U18-1500/7T, U18-1500/8T, U18-2000/9T, U18-2000/10T, U18-2000/11T, U18-2500/12T, U22-300/1T, U22-550/2T, U22-750/3T, U22-1000/4T, U22-1500/5T, U22-1500/6T, U22-2000/7T, U22-2000/8T, U22-2500/9T, U22-2500/10T	16mm	Rotating face Stationary face Elastomer	SiC Graphite EPDM	SiC Graphite FKM	SiC SiC EPDM	SiC SiC FKM
	U35-400/1-1RT, U35-550/1T, U35-750/2-2RT, U35-1000/2-1RT, U35-1500/2T, U35-1500/3-2RT, U35-1500/3-1RT, U35-2000/3T, U35-2000/4-2RT, U35-2000/4-1RT, U35-2500/4T, U35-2500/5-2RT, U35-2500/5-1RT, U35-3000/5T, U35-3000/6-2RT, U35-3000/6-1RT, U35-4000/6T, U35-4000/7-2RT, U35-4000/7-1RT, U35-4000/7T, U35-4000/8-2RT, U35-5000/8-1RT, U35-5000/8T, U50-750/1-1RT, U50-1000/1T, U50-1500/2-2RT, U50-1500/2-1RT, U50-2000/2T, U50-2500/3-2RT, U50-2500/3-1RT, U50-2500/3T, U50-3000/4-2RT, U50-4000/4-1RT, U50-4000/4T, U50-4000/5-2RT, U50-4000/5-1RT, U50-5000/5T, U50-5000/6-2RT, U50-5000/6-1RT, U50-5000/6T, U50-6000/7-2RT, U50-6000/7-1RT, U50-6000/7T, U75-1000/1-1RT, U75-1500/1T, U75-2000/2-2RT, U75-2500/2-1RT, U75-3000/2T, U75-3000/3-2RT, U75-4000/3-1RT, U75-4000/3T, U75-5000/4-2RT, U75-5000/4-1RT, U75-6000/4T, U75-6000/5-2RT, U75-6000/5-1RT, U90-1500/1-1RT, U90-2000/1T, U90-2500/2-2RT, U90-3000/2-1RT, U90-4000/2T, U90-5000/3-2RT, U90-5000/3-1RT, U90-6000/3T, U90-6000/4-2RT	22mm / Balanced seal	Rotating face Stationary face Elastomer	SiC Graphite EPDM	SiC Graphite FKM	SiC SiC EPDM	SiC SiC FKM

BEARINGS	PUMP MODEL	PUMP THRUST BEARING		MOTOR BEARING	
	U18-200/1T, U22-300/1T	-	-	6205-ZZ C3	6205-ZZ C3
	U18-400/2T, U18-550/3T, U22-550/2T, U35-400/1-1RT, U35-550/1T	-	-	6206-ZZ C3	6206-ZZ C3
	U18-750/4T, U18-1000/5T, U22-750/3T, U22-1000/4T, U35-750/2-2RT, U35-1000/2-1RT, U50-750/1-1RT, U50-1000/1T, U75-1000/1-1RT	6212 ZZ	-	6309-ZZ C3	6208-ZZ C3
	U18-1500/6T, U18-1500/7T, U18-1500/8T, U18-2000/9T, U18-2000/10T, U18-2000/11T, U18-2500/12T, U22-1500/5T, U22-1500/6T, U22-2000/7T, U22-2000/8T, U22-2500/9T, U22-2500/10T, U35-1500/2T, U35-1500/3-2RT, U35-1500/3-1RT, U50-1500/2-2RT, U50-1500/2-1RT, U75-1500/1T, U90-1500/1-1RT	6212 ZZ	-	6309-ZZ C3	6309-ZZ C3
	U35-2000/3T, U35-2000/4-2RT, U35-2000/4-1RT, U35-2500/4T, U35-2500/5-2RT, U35-2500/5-1RT, U50-2000/2T, U50-2500/3-2RT, U50-2500/3-1RT, U50-2500/3T, U75-2000/2-2RT, U75-2500/2-1RT, U90-2000/1T, U90-2500/2-2RT	6212 ZZ	7212 BEP	6311-ZZ C3	6311-ZZ C3
	U35-3000/5T, U35-3000/6-2RT, U35-3000/6-1RT, U50-3000/4-2RT, U75-3000/2T, U75-3000/3-2RT, U90-3000/2-1RT	6214 ZZ	7214 BEP	6312-ZZ C3	6312-ZZ C3
	U35-4000/6T, U35-4000/7-2RT, U35-4000/7-1RT, U35-4000/7T, U35-4000/8-2RT, U35-5000/8-1RT, U35-5000/8T, U50-4000/4-1RT, U50-4000/4T, U50-4000/5-2RT, U50-4000/5-1RT, U50-5000/5T, U50-5000/6-2RT, U50-5000/6-1RT, U50-5000/6T, U75-4000/3-1RT, U75-4000/3T, U75-5000/4-2RT, U75-5000/4-1RT, U90-4000/2T, U90-5000/3-2RT, U90-5000/3-1RT	6214 ZZ	7214 BEP	6313-ZZ C3	6313-ZZ C3
	U50-6000/7-2RT, U50-6000/7-1RT, U50-6000/7T, U75-6000/4T, U75-6000/5-2RT, U75-6000/5-1RT, U90-6000/3T, U90-6000/4-2RT				



ULTRA V/L/H + VSD

Vertical booster pump with variable speed drive



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

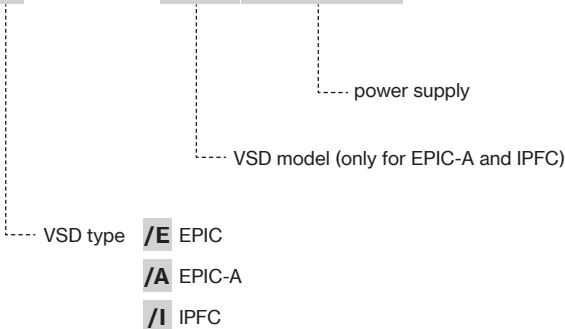
FUNCTIONING

If the pressure in the network drops the pump will starts 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



ULTRA+VSD

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 209	IPFC 209	
	200/6T	■	■	■	-	-	-		IPFC 114	EPIC-A 306				
	250/7T	■	■	■	■	-	-							
	300/8T	■	■	■	■	-	-	-	-	EPIC-A 309	IPFC 309	EPIC-A 214	IPFC 214	
	350/10T	-	-	-	-	-	■							
	400/12T	-	-	-	-	-	■							
	450/14T	-	-	-	-	-	■				-	IPFC 311	-	IPFC 218
U 5	180/4T	■	■	■	■	-	-	EPIC	IPFC 109	EPIC-A 304	IPFC 306	EPIC-A 209	IPFC 209	
	250/5T	■	■	■	■	-	-	-	IPFC 114	EPIC-A 306				
	300/6T	■	■	■	■	-	-							
	350/7T	■	■	■	■	-	-			EPIC-A 309		IPFC 309	EPIC-A 214	IPFC 214
	400/8T	■	■	■	■	-	-		-	-		IPFC 311	-	IPFC 218
	450/10T	-	-	-	-	-	■					IPFC 314		IPFC 225
	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 230		
	800/10T	-	-	-	-	-	■							
	900/12T	-	-	-	-	-	■							
U 9	350/4T	■	■	■	■	-	-	-	-	EPIC-A 309	IPFC 309	EPIC-A 214	IPFC 214	
	400/5T	■	■	■	■	-	-				-	-	IPFC 218	
	450/6T	■	■	■	■	-	-						IPFC 225	
	550/7T	■	■	■	■	-	-						IPFC 230	
	750/8T	■	■	■	■	-	-							
	800/10T	-	-	-	-	-	■				IPFC 318			
	900/12T	-	-	-	-	-	■				IPFC 325			



3- PUMP									VSD TYPE				
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	■	■	■	■	-	-	-		EPIC-A 309	IPFC309		IPFC 214
	550/3T	-	-	-	-	-	-	■					
	550/4T	■	■	■	■	-	-	-			IPFC311		
	750/4T	-	-	-	-	-	-	■			IPFC 314		IPFC 225
	750/5T	■	■	■	■	-	-	-					
	1000/5T	-	-	-	-	-	-	■					
	900/6T	■	■	■	■	-	-	-			IPFC318		IPFC 230
	950/7T	-	-	-	-	■	-	-	-	-			
	1500/6T	-	-	-	-	-	-	■					
	1500/7T	-	-	-	-	-	-	■					
	1500/8T	-	-	-	-	-	-	■			IPFC325		-
	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		IPFC 225
	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		EPIC-A 214	IPFC 211
	550/1T	-	-	-	-	-	■	■			IPFC 309		IPFC 218
	750/2-2RT	-	-	-	-	-	■	■			IPFC 314		IPFC 225
	1000/2-1RT	-	-	-	-	-	■	■			IPFC 318		IPFC 230
	1500/2T	-	-	-	-	-	■	■					
	1500/3-2RT	-	-	-	-	-	■	■					
	1500/3-1RT	-	-	-	-	-	■	■			IPFC 325		-
	2000/3T	-	-	-	-	-	■	■					
	2000/4-2RT	-	-	-	-	-	■	■			IPFC 330		
	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	-	-	-	-	-	■	■			IPFC 330		-
	2000/2T	-	-	-	-	-	■	■					
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		