

ULTRA V/L

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.



ULTRA V



ULTRA 3-5-7 L



ULTRA 9-18 L

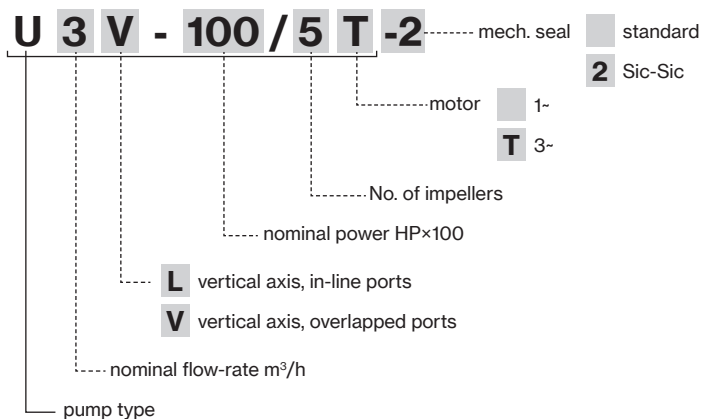


Construction features

| | |
|--|--|
| Pump body | cast iron |
| Motor bracket | cast iron |
| Impellers, diffusers | Noryl® |
| 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 ÷ +35 °C |
| 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 |



ULTRA V/L

| 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 |
| | | | | | | 0 | 10 | 20 | 30 | 40 | 60 | 80 | | |
| | | HP | kW | 1- | 3- | 1- 230V 50 Hz | 3-400V 50 Hz | H (m) | | | | | | |
| U 3...-100/5 | U 3...-100/5T | 1 | 0,75 | 1,1 | 1 | 4,8 | 1,9 | 52,2 | 48,9 | 45,1 | 40,8 | 36,0 | 25,4 | 14,0 |
| U 3...-120/6 | U 3...-120/6T | 1,2 | 0,9 | 1,2 | 1,2 | 5,6 | 2,6 | 62,8 | 58,7 | 54,5 | 49,6 | 43,9 | 32,1 | 18,3 |
| U 3...-150/7 | U 3...-150/7T | 1,5 | 1,1 | 1,5 | 1,5 | 7,1 | 2,9 | 75,5 | 71,3 | 66,6 | 61,2 | 54,8 | 41,1 | 24,9 |
| U 3...-180/8 | U 3...-180/8T | 1,8 | 1,3 | 1,7 | 1,6 | 7,5 | 3 | 85,2 | 80,6 | 75,1 | 69,3 | 61,9 | 45,2 | 26,9 |
| U 3...-200/9 | U 3...-200/9T | 2 | 1,5 | 1,9 | 1,8 | 8,4 | 3,3 | 95,8 | 92,2 | 86,3 | 78,9 | 70,7 | 52,7 | 30,8 |
| U 3...-250/10 | U 3...-250/10T | 2,5 | 1,8 | 2,1 | 2 | 10 | 4,1 | 108,4 | 102,9 | 96,5 | 88,2 | 79,7 | 58,3 | 34,1 |
| U 3...-280/11 | U 3...-280/11T | 2,8 | 2,1 | 2,3 | 2,2 | 10,5 | 4,3 | 119,0 | 112,3 | 104,4 | 95,3 | 85,6 | 62,7 | 37,3 |
| U 3...-300/12 | U 3...-300/12T | 3 | 2,2 | 2,5 | 2,4 | 11,2 | 4,7 | 128,9 | 121,5 | 113,0 | 103,5 | 92,2 | 67,9 | 40,5 |

| 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 |
| | | | | | | 0 | 30 | 40 | 60 | 80 | 100 | 120 | 140 | | |
| | | HP | kW | 1- | 3- | 1- 230V 50 Hz | 3-400V 50 Hz | H (m) | | | | | | | |
| U 5...-120/4 | U 5...-120/4T | 1,2 | 0,9 | 1,13 | 1,13 | 5,2 | 2,5 | 45,3 | 41,3 | 39,6 | 35,6 | 30,8 | 24,9 | 17,6 | 6,4 |
| U 5...-150/5 | U 5...-150/5T | 1,5 | 1,1 | 1,47 | 1,39 | 6,8 | 2,8 | 56,8 | 53,0 | 51,0 | 46,1 | 40,1 | 33,3 | 24,8 | 11,5 |
| U 5...-180/6 | U 5...-180/6T | 1,8 | 1,3 | 1,7 | 1,62 | 7,7 | 3 | 69,3 | 64,4 | 62,0 | 55,6 | 48,2 | 39,6 | 28,8 | 12,0 |
| U 5...-200/7 | U 5...-200/7T | 2 | 1,5 | 2,0 | 1,86 | 9 | 3,4 | 80,3 | 73,6 | 71,0 | 64,5 | 56,1 | 46,0 | 33,4 | 12,5 |
| U 5...-250/8 | U 5...-250/8T | 2,5 | 1,87 | 2,37 | 2,17 | 10,7 | 4,1 | 91,4 | 85,0 | 81,8 | 74,3 | 65,5 | 54,7 | 40,4 | 19,1 |
| U 5...-280/9 | U 5...-280/9T | 2,8 | 2,1 | 2,6 | 2,4 | 11,7 | 4,4 | 102,1 | 94,6 | 90,7 | 81,6 | 71,0 | 58,5 | 42,3 | 20,1 |
| U 5...-300/10 | U 5...-300/10T | 3 | 2,2 | 2,84 | 2,73 | 12,8 | 4,9 | 112,7 | 103,9 | 99,9 | 89,8 | 78,2 | 64,0 | 46,4 | 21,0 |
| U 5...-350/11 | U 5...-350/11T | 3,5 | 2,57 | 3,0 | 2,9 | 13,7 | 5,3 | 127,6 | 122,5 | 119,4 | 110,8 | 98,0 | 80,8 | 57,4 | |
| - | U 5...-380/12T | 4 | 3 | - | 3,2 | - | 6,0 | 140,3 | 135,4 | 132,1 | 123,2 | 109,5 | 90,1 | 66,5 | |

| TYPE | | P2 | | P1 (kW) | | AMPERE | | Q (m³/h - l/min) | | | | | | | | |
|--------------|----------------|-----|------|---------|------|------------------|-----------------|------------------|-------|-------|-------|-------|------|------|------|------|
| 1- | 3- | | | | | 1- | 3- | 0 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,2 |
| | | | | | | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 170 | | |
| | | HP | kW | 1- | 3- | 1- 230V 50 Hz | 3-400V 50 Hz | H (m) | | | | | | | | |
| U 7...-180/4 | U 7...-180/4T | 1,8 | 1,3 | 1,83 | 1,71 | 8,3 | 3,2 | 49,5 | 47,4 | 45,3 | 42,5 | 39,2 | 34,8 | 29,4 | 22,6 | 16,9 |
| U 7...-250/5 | U 7...-250/5T | 2,5 | 1,85 | 2,39 | 2,15 | 10,9 | 4,2 | 62,6 | 60,6 | 58,2 | 55,1 | 51,1 | 45,8 | 38,9 | 29,8 | 21,5 |
| U 7...-300/6 | U 7...-300/6T | 3 | 2,2 | 2,68 | 2,63 | 12,2 | 5 | 74,8 | 71,5 | 68,3 | 64,5 | 59,3 | 53,0 | 44,6 | 34,5 | 26,7 |
| - | U 7...-350/7T | 3,5 | 2,57 | - | 2,8 | - | 5,1 | 89,0 | 88,0 | 85,8 | 81,2 | 74,5 | 66,3 | 56,2 | | |
| - | U 7...-400/8T | 4 | 3 | - | 3,1 | - | 5,9 | 102,3 | 101,0 | 98,2 | 92,4 | 84,4 | 74,6 | 62,4 | | |
| - | U 7...-450/9T | 4,5 | 3,37 | - | 3,6 | - | 6,5 | 115,2 | 114,4 | 111,4 | 105,6 | 97,1 | 86,3 | 73,1 | | |
| - | U 7...-550/10T | 5,5 | 4 | - | 4,0 | - | 7,7 | 128,1 | 128,0 | 124,9 | 118,7 | 109,4 | 97,6 | 83,0 | | |

| TYPE | | P2 | | P1 (kW) | | AMPERE | | Q (m³/h - l/min) | | | | | | | | |
|--------------|----------------|-----|------|---------|------|------------------|-----------------|------------------|-------|-------|------|------|------|------|------|------|
| 1- | 3- | | | | | 1- | 3- | 0 | 3,6 | 4,8 | 7,2 | 9,6 | 12 | 13,2 | 14,4 | 15,6 |
| | | | | | | 0 | 60 | 80 | 120 | 160 | 200 | 220 | 240 | 260 | | |
| | | HP | kW | 1- | 3- | 1- 230V 50 Hz | 3-400V 50 Hz | H (m) | | | | | | | | |
| U 9...-200/4 | U 9...-200/4T | 2 | 1,5 | 1,88 | 1,77 | 8,4 | 3,3 | 47,1 | 43,5 | 42,0 | 38,3 | 32,4 | 23,8 | 18,9 | 13,3 | 7,3 |
| U 9...-250/5 | U 9...-250/5T | 2,5 | 1,87 | 2,32 | 2,18 | 10,6 | 4,3 | 59,2 | 54,4 | 52,4 | 47,9 | 40,5 | 29,8 | 23,5 | 16,3 | 8,5 |
| U 9...-300/6 | U 9...-300/6T | 3 | 2,2 | 2,74 | 2,64 | 12,2 | 4,8 | 69,4 | 63,7 | 61,4 | 55,6 | 46,5 | 33,5 | 25,4 | 17,0 | 9,0 |
| - | U 9...-400/7T | 4 | 3 | - | 3,0 | - | 5,8 | 83,3 | 77,8 | 75,7 | 68,9 | 58,5 | 43,6 | 34,7 | | |
| - | U 9...-450/8T | 4,5 | 3,37 | - | 3,5 | - | 6,4 | 96,7 | 90,7 | 88,2 | 80,6 | 69,2 | 52,2 | 42,1 | | |
| - | U 9...-500/9T | 4,5 | 3,37 | - | 3,9 | - | 6,9 | 107,1 | 99,5 | 96,4 | 88,3 | 75,2 | 56,4 | 45,2 | | |
| - | U 9...-550/10T | 5,5 | 4 | - | 4,3 | - | 8,1 | 119,5 | 111,6 | 108,2 | 99,3 | 84,6 | 63,5 | 51,2 | | |



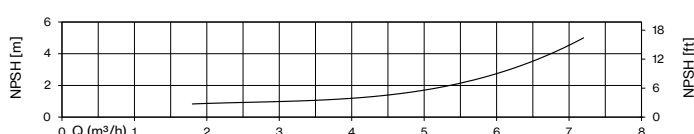
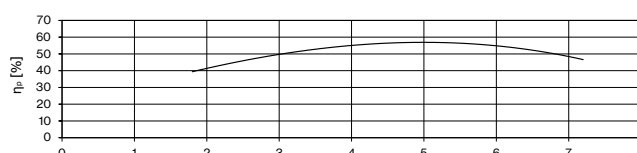
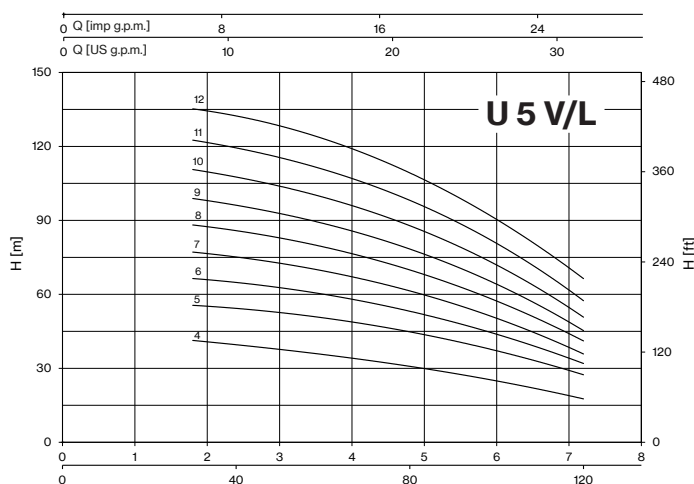
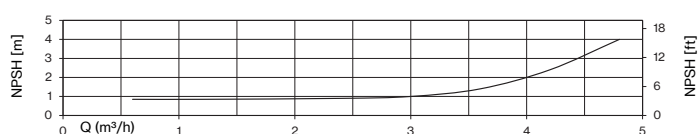
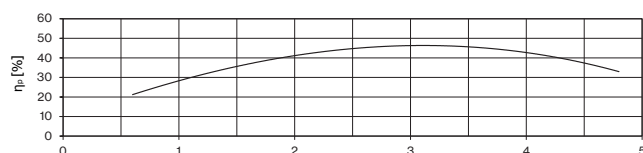
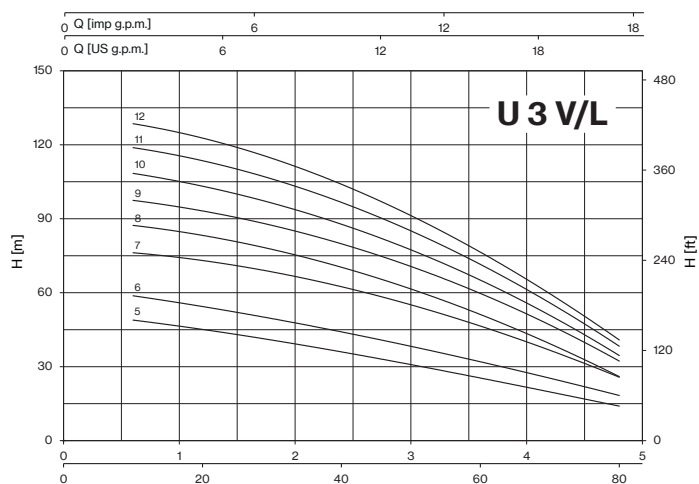
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| TYPE | P2 | | P1 (kW) | A | Q (m ³ /h - l/min) | | | | | | | | | | |
|----------------|-----|------|---------|-----------------|-------------------------------|-------|-------|-------|-------|------|------|------|------|------|-----|
| | | | | | 3~ | 0 | 6 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 |
| | | | | | | 0 | 100 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 |
| 3~ | HP | kW | 3~ | 3-400V 50 Hz | H (m) | | | | | | | | | | |
| U 18...-250/3T | 2,5 | 1,85 | 2,19 | 4,3 | 34,5 | 32,0 | 31,6 | 30,1 | 28,1 | 25,5 | 22,5 | 18,7 | 14,4 | 10,0 | |
| U 18...-400/4T | 4 | 3 | 3,0 | 5,8 | 47,1 | 45,4 | 45,2 | 44,3 | 42,6 | 40,0 | 36,0 | 30,6 | 24,6 | 17,8 | |
| U 18...-450/5T | 4,5 | 3,37 | 3,9 | 6,9 | 59,2 | 57,6 | 57,4 | 56,4 | 54,5 | 51,6 | 46,7 | 40,1 | 33,3 | 25,3 | |
| U 18...-550/6T | 5,5 | 4 | 4,6 | 8,4 | 71,4 | 69,7 | 69,6 | 68,2 | 65,7 | 62,2 | 56,3 | 48,0 | 39,4 | 29,4 | |
| U 18...-750/8T | 7,5 | 5,5 | 6,2 | 11,2 | 96,1 | 94,2 | 94,1 | 92,4 | 89,1 | 84,5 | 77,0 | 66,1 | 54,2 | 41,1 | |
| U 18...-900/9T | 10 | 7,5 | 6,9 | 12,8 | 108,5 | 106,9 | 107,0 | 105,3 | 101,7 | 96,8 | 88,6 | 75,9 | 62,6 | 47,8 | |

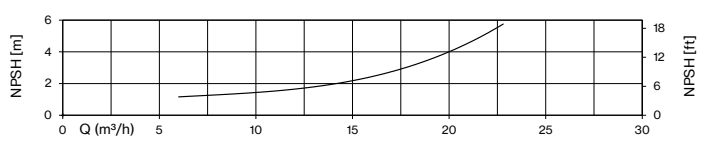
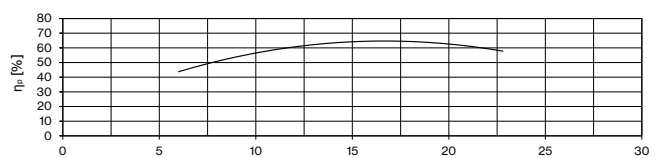
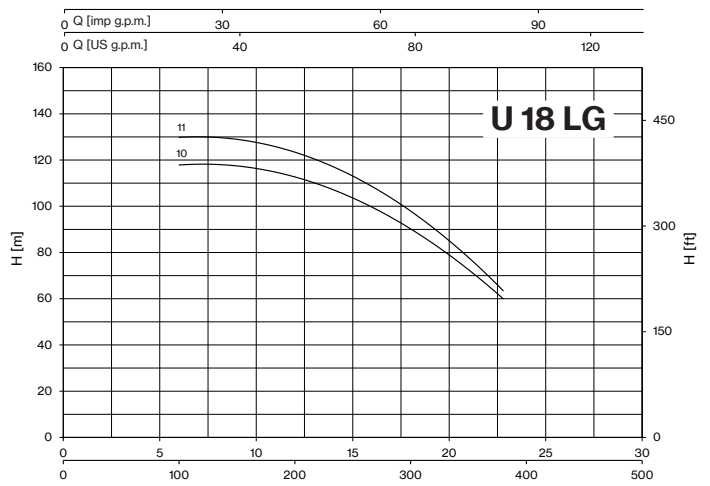
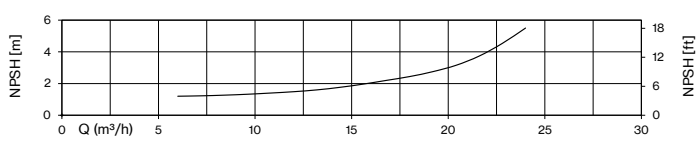
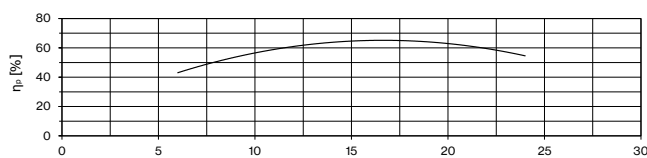
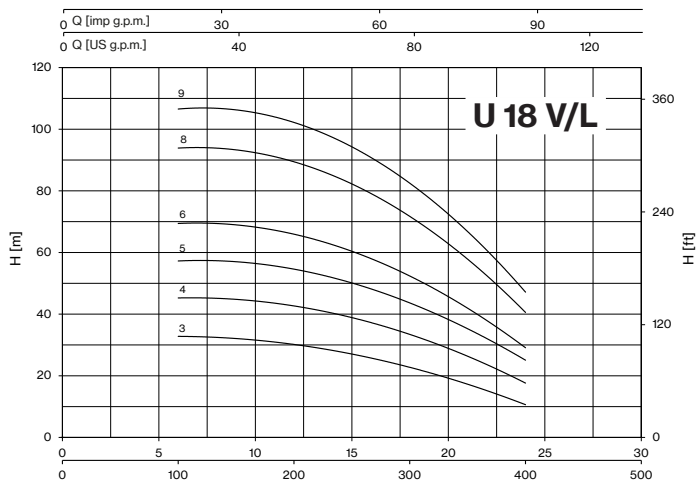
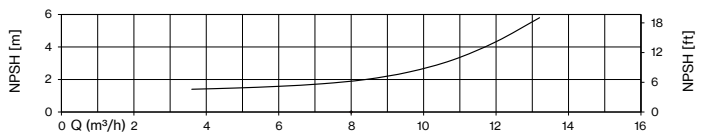
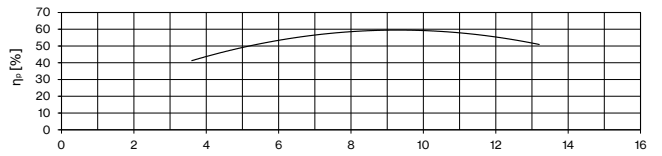
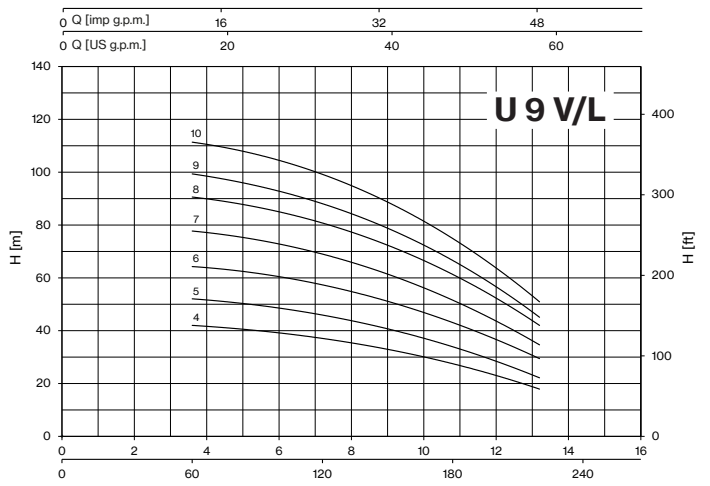
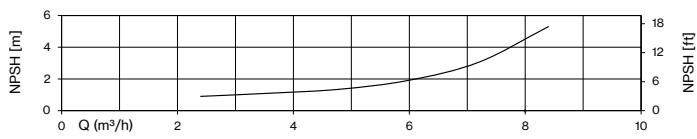
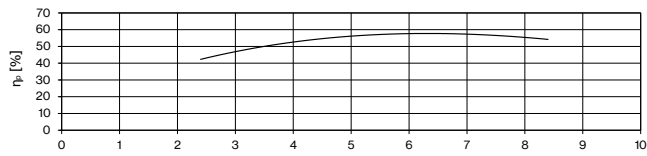
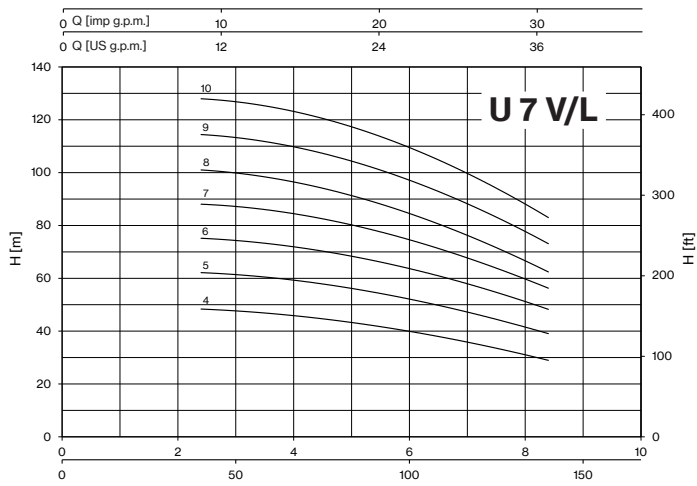
ULTRA LG

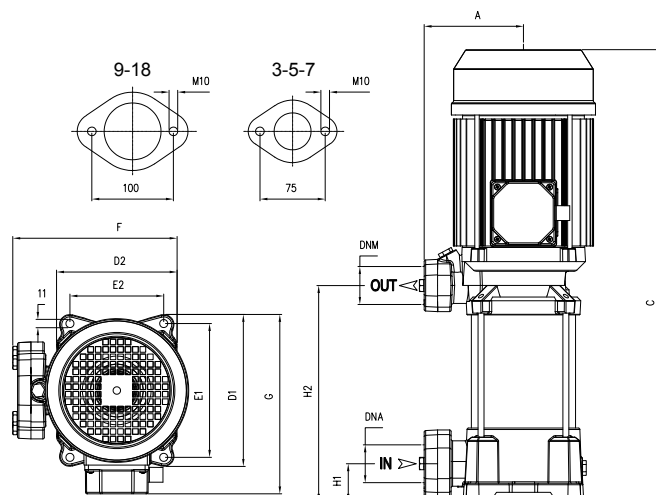
| TYPE | P2 | | P1 (kW) | A | Q (m ³ /h - l/min) | | | | | | | | | | |
|-----------------|----|-----|---------|-----------------|-------------------------------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| | | | | | 3~ | 0 | 6 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 22,8 |
| | | | | | | 0 | 100 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 380 |
| 3~ | HP | kW | 3~ | 3-400V 50 Hz | H (m) | | | | | | | | | | |
| U 18LG-920/10T | 10 | 7,5 | 7,7 | 14,0 | 120,4 | 116,8 | 118,3 | 116,6 | 112,6 | 104,4 | 96,3 | 85,8 | 67,8 | 60,1 | |
| U 18LG-1000/11T | 10 | 7,5 | 8,3 | 13,6 | 132,4 | 128,9 | 130,0 | 128,0 | 123,0 | 115,0 | 103,9 | 93,0 | 72,6 | 63,4 | |

ULTRA V/L



ULTRA V/L-LG

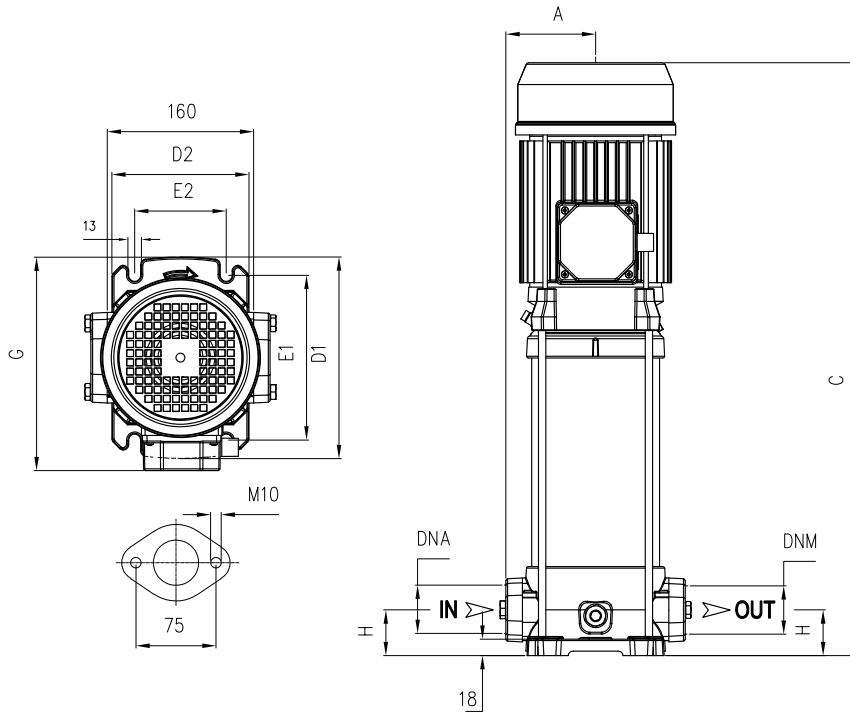




| TYPE | DIMENSIONS (mm) | | | | | | | | | | | | Kg | | | |
|--------------|-----------------|--------------|-----|-----|-------|-----|-----|--------------|----|-----|--------|--------|--------|--------|------|--------|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | DNA | DNM | | | | |
| U 3V-100/5 | 135 | 413 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 178 | 1" ¼ G | 1" ¼ G | 17,5 | | | |
| U 3V-120/6 | 135 | 437 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 202 | | | 18 | | | |
| U 3V-150/7 | 135 | 521 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 226 | | | 21 | T 20,5 | | |
| U 3V-180/8 | 135 | 545 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 250 | | | 22 | T 21 | | |
| U 3V-200/9 | 135 | 569 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 274 | | | 23 | T 22 | | |
| U 3V-250/10 | 135 | 593 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 298 | | | 24 | T 23 | | |
| U 3V-280/11 | 135 | 672 T 617 | 204 | 162 | 178,5 | 125 | 229 | 228 T 220 | 40 | 322 | | | 26 | T 23,5 | | |
| U 3V-300/12 | 135 | 696 T 641 | 204 | 162 | 178,5 | 125 | 229 | 228 T 220 | 40 | 346 | | | 26,5 | T 24 | | |
| U 5V-120/4 | 135 | 389 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 178 | | | 1" ¼ G | 1" ¼ G | 17,5 | |
| U 5V-150/5 | 135 | 473 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | | | | | 20,5 | T 20 |
| U 5V-180/6 | 135 | 497 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 226 | | | | | 21,5 | 20,5 |
| U 5V-200/7 | 135 | 521 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 250 | | | | | 22,5 | T 21,5 |
| U 5V-250/8 | 135 | 545 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 274 | 23,5 | T 22,5 | | | | |
| U 5V-280/9 | 135 | 624 T 569 | 204 | 162 | 178,5 | 125 | 229 | 228 T 220 | 40 | 298 | 25,5 | T 23 | | | | |
| U 5V-300/10 | 135 | 648 T 593 | 204 | 162 | 178,5 | 125 | 229 | 228 T 220 | 40 | 322 | 26 | T 24 | | | | |
| U 5V-350/11 | 135 | 672 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 346 | 32,5 | T 26 | | | | |
| U 5V-380/12 | 135 | 696 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 370 | 32,5 | | | | | |
| U 7V-180/4 | 135 | 422 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 178 | 1" ¼ G | 1" ¼ G | | | 21 | T 20 |
| U 7V-250/5 | 135 | 473 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | | | | | 22,5 | T 21,5 |
| U 7V-300/6 | 135 | 552 T 497 | 204 | 162 | 178,5 | 125 | 229 | 228 T 220 | 40 | 226 | | | | | 24,5 | T 23 |
| U 7V-350/7 | 135 | 575 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 250 | | | 28 | | | |
| U 7V-400/8 | 135 | 600 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 274 | | | 31,5 | | | |
| U 7V-450/9 | 135 | 653 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 301 | | | 35,5 | | | |
| U 7V-550/10 | 135 | 676 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 325 | | | 42 | | | |
| U 9V-200/4 | 135 | 473 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | | | 1" ½ G | 1" ¼ G | 21,5 | T 20,5 |
| U 9V-250/5 | 135 | 503 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 232 | | | | | 22,5 | T 22 |
| U 9V-300/6 | 135 | 588 T 533 | 204 | 162 | 178,5 | 125 | 229 | 228 T 220 | 40 | 262 | | | | | 24,5 | T 23 |
| U 9V-400/7 | 135 | 617 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 292 | 31,5 | | | | | |
| U 9V-450/8 | 135 | 677 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 325 | 35,5 | | | | | |
| U 9V-500/9 | 135 | 707 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 355 | 36 | | | | | |
| U 9V-550/10 | 135 | 737 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 385 | 40,5 | | | | | |
| U 18V-250/3T | 135 | 481 | 204 | 162 | 178,5 | 125 | 229 | 220 | 50 | 211 | 2" G | 1" ½ G | | | 22,5 | |
| U 18V-400/4T | 135 | 573 | 204 | 162 | 178,5 | 125 | 229 | 228 | 50 | 248 | | | | | 31,5 | |
| U 18V-450/5T | 135 | 640 | 204 | 162 | 178,5 | 125 | 235 | 243 | 50 | 289 | | | | | 36,5 | |
| U 18V-550/6T | 135 | 678 | 204 | 162 | 178,5 | 125 | 235 | 243 | 50 | 326 | | | 41 | | | |
| U 18V-750/8T | 135 | 815 | 204 | 162 | 178,5 | 125 | 255 | 253 | 50 | 401 | | | 50,5 | | | |
| U 18V-900/9T | 135 | 852 | 204 | 162 | 178,5 | 125 | 255 | 253 | 50 | 439 | | | 57 | | | |

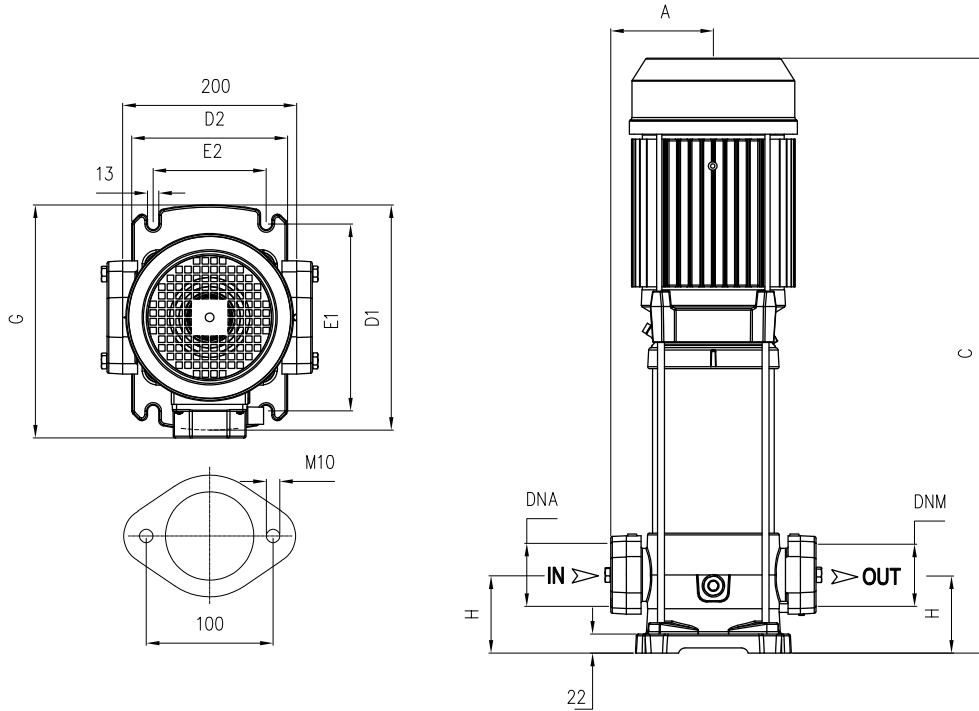


ULTRA L



| TYPE | DIMENSIONS (mm) | | | | | | | | | | Kg | | | | |
|-------------|-----------------|--------------|-----|-----|-----|-----|--------------|----|--------|--------|--------|--------|--------|--|--------|
| | A | C | D1 | D2 | E1 | E2 | G | H | DNA | DNM | | | | | |
| U 3L-100/5 | 98 | 429 | 220 | 150 | 180 | 100 | 228 | 50 | 1" ¼ G | 1" ¼ G | 19 | | | | |
| U 3L-120/6 | 98 | 453 | 220 | 150 | 180 | 100 | 228 | 50 | | | 20 | | | | |
| U 3L-150/7 | 98 | 537 | 220 | 150 | 180 | 100 | 228 | 50 | | | 23 | | T 22,5 | | |
| U 3L-180/8 | 98 | 561 | 220 | 150 | 180 | 100 | 228 | 50 | | | 24 | | T 23 | | |
| U 3L-200/9 | 98 | 585 | 220 | 150 | 180 | 100 | 228 | 50 | | | 25 | | T 24,5 | | |
| U 3L-250/10 | 98 | 609 | 220 | 150 | 180 | 100 | 228 | 50 | | | 26,5 | | T 25,5 | | |
| U 3L-280/11 | 98 | 688 T 633 | 220 | 150 | 180 | 100 | 236 T 228 | 50 | | | 28,5 | | T 26 | | |
| U 3L-300/12 | 98 | 712 T 657 | 220 | 150 | 180 | 100 | 236 T 228 | 50 | | | 28,5 | | T 27 | | |
| U 5L-120/4 | 98 | 405 | 220 | 150 | 180 | 100 | 221 | 50 | | | 1" ¼ G | 1" ¼ G | 19,5 | | T 19 |
| U 5L-150/5 | 98 | 489 | 220 | 150 | 180 | 100 | 228 | 50 | | | | | 22,5 | | T 22 |
| U 5L-180/6 | 98 | 513 | 220 | 150 | 180 | 100 | 228 | 50 | | | | | 23,5 | | T 22,5 |
| U 5L-200/7 | 98 | 537 | 220 | 150 | 180 | 100 | 228 | 50 | | | | | 24 | | T 23,5 |
| U 5L-250/8 | 98 | 561 | 220 | 150 | 180 | 100 | 228 | 50 | 25,5 | | | | T 24,5 | | |
| U 5L-280/9 | 98 | 640 T 585 | 220 | 150 | 180 | 100 | 236 T 228 | 50 | 27,5 | | | | T 25 | | |
| U 5L-300/10 | 98 | 664 T 609 | 220 | 150 | 180 | 100 | 236 T 228 | 50 | 28 | | | | T 26,5 | | |
| U 5L-350/11 | 98 | 687 | 220 | 150 | 180 | 100 | 236 | 50 | 34,5 | | | | | | |
| U 5L-380/12 | 98 | 711 | 220 | 150 | 180 | 100 | 236 | 50 | 35 | | | | | | |
| U 7L-180/4 | 98 | 465 | 220 | 150 | 180 | 100 | 228 | 50 | 1" ¼ G | 1" ¼ G | | | 23 | | T 22 |
| U 7L-250/5 | 98 | 489 | 220 | 150 | 180 | 100 | 228 | 50 | | | | | 24,5 | | T 23,5 |
| U 7L-300/6 | 98 | 568 T 513 | 220 | 150 | 180 | 100 | 236 T 228 | 50 | | | | | 27 | | T 25 |
| U 7L-350/7 | 98 | 590 | 220 | 150 | 180 | 100 | 236 | 50 | | | 30 | | | | |
| U 7L-400/8 | 98 | 614 | 220 | 150 | 180 | 100 | 236 | 50 | | | 33,5 | | | | |
| U 7L-450/9 | 98 | 668 | 220 | 150 | 180 | 100 | 251 | 50 | | | 38 | | | | |
| U 7L-550/10 | 98 | 692 | 220 | 150 | 180 | 100 | 251 | 50 | | | 42,5 | | | | |






| TYPE | DIMENSIONS (mm) | | | | | | | | | | Kg | |
|--------------|-----------------|--------------|-----|-----|-----|-----|--------------|----|----------|----------|------|--------|
| | A | C | D1 | D2 | E1 | E2 | G | H | DNA | DNM | | |
| U 9L-200/4 | 118 | 520 | 260 | 180 | 215 | 130 | 248 | 80 | 1" 1/2 G | 1" 1/2 G | 28 | T 27,5 |
| U 9L-250/5 | 118 | 550 | 260 | 180 | 215 | 130 | 248 | 80 | | | 29,5 | T 28,5 |
| U 9L-300/6 | 118 | 635 T 580 | 260 | 180 | 215 | 130 | 256 T 248 | 80 | | | 31,5 | T 29,5 |
| U 9L-400/7 | 118 | 663 | 260 | 180 | 215 | 130 | 256 | 80 | | | 38 | |
| U 9L-450/8 | 118 | 723 | 260 | 180 | 215 | 130 | 271 | 80 | | | 42 | |
| U 9L-500/9 | 118 | 763 | 260 | 180 | 215 | 130 | 271 | 80 | | | 42 | |
| U 9L-550/10 | 118 | 783 | 260 | 180 | 215 | 130 | 271 | 80 | 47 | | | |
| U 18L-250/3T | 118 | 482 | 260 | 180 | 215 | 130 | 251 | 90 | 2" G | 2" G | 28,5 | |
| U 18L-400/4T | 118 | 603 | 260 | 180 | 215 | 130 | 257 | 90 | | | 37,5 | |
| U 18L-450/5T | 118 | 680 | 260 | 180 | 215 | 130 | 271 | 90 | | | 41,5 | |
| U 18L-550/6T | 118 | 718 | 260 | 180 | 215 | 130 | 271 | 90 | | | 45,5 | |
| U 18L-750/8T | 118 | 855 | 260 | 180 | 215 | 130 | 280 | 90 | | | 55 | |
| U 18L-900/9T | 118 | 893 | 260 | 180 | 215 | 130 | 280 | 90 | | | 62 | |


| MODEL | LOTS | | | |
|----------------------|-------------|----------|-------------|----------|
| | TRUCK | | CONTAINER | |
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| U 3V-100/5-200/9 | 80x120x150 | 42 | 80x120x175 | 49 |
| U 3V-250/10-300/12 | 80x120x155 | 30 | 80x120x180 | 35 |
| U 3V-300/12T | 80x120x150 | 42 | 80x120x175 | 49 |
| U 5V-120/4-250/8 | 80x120x150 | 42 | 80x120x175 | 49 |
| U 5V-280/9 T-300/10T | 80x120x150 | 42 | 80x120x175 | 49 |
| U 5V-280/9-300/10 | 80x120x155 | 30 | 80x120x180 | 35 |
| U 5V-350/11-380/12T | 80x120x155 | 30 | 80x120x180 | 35 |
| U 7V-180/4-350/7T | 80x120x15 | 42 | 80x120x175 | 49 |
| U 7V-400/8T | 80x120x155 | 30 | 80x120x180 | 35 |
| U 7V-450/9 T-550/10T | 85x110x125 | 20 | 85x110x150 | 24 |
| U 9V-200/4 | 80x120x150 | 42 | 80x120x175 | 49 |
| U 9V-250/5-300/6T | 80x120x150 | 42 | 80x120x175 | 49 |
| U 9V-300/6 -400/7T | 80x120x155 | 30 | 80x120x180 | 35 |
| U 9V-450/8 T-550/10T | 85x110x125 | 20 | 85x110x150 | 24 |
| U 18V-250/3 T-400/4T | 80x120x150 | 42 | 80x120x175 | 49 |
| U 18V-450/5 T-550/6T | 85x110x125 | 20 | 85x110x150 | 24 |
| U 18V-750/8 T-900/9T | 100x120x150 | 12 | 100x120x150 | 12 |

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



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

| MECHANICAL SEAL | PUMP MODEL | SHAFT Ø | | STANDARD MATERIAL | OPTIONAL |
|---|--|-------------------------|--|--------------------------------------|--------------------|
| | | | | | 2 |
|  | U3-100/5, U3-120/6, U5-120/4, U5-150/5, U5-180/6, U7-180/4, U7-250/5, U7-300/6, U9-200/4, U9-250/5, U18-250/3, U18-400/4 | 14mm / S | Rotating face Stationary face Elastomer | Graphite Ceramic EPDM | SiC SiC EPDM |
| | U3-150/7, U3-180/8, U3-200/9, U3-250/10, U3-280/11, U3-300/12, U5-200/7, U5-250/8, U5-280/9, U5-300/10, U5-350/11, U5-380/12, U7-350/7, U7-400/8, U7-450/9, U7-550/10, U9-300/6, U9-400/7, U9-450/8, U9-500/9, U9-550/10 | 14mm | Rotating face Stationary face Elastomer | Graphite SiC EPDM | SiC SiC EPDM |
| | U18-450/5, U18-550/6, U18-750/8, U18-900/9, U18-920/10, U18-1000/11 | 14mm / L | Rotating face Stationary face Elastomer | Graphite SiC EPDM | SiC SiC EPDM |
| | U3-350/14, U3-380/16, U3-400/18, U3-450/20, U5-400/14, U5-450/16, U5-550/18, U5-600/20, U7-750/12, U7-800/14, U7-900/16, U7-950/18, U7-1000/20, U9-750/12, U9-800/14, U9-900/16, U9-950/18, U9-1000/20 | 14mm / Balanced seal | Rotating face Stationary face Elastomer | Tungsten carbide Graphite EPDM | - - - |

| BEARINGS | PUMP MODEL | TYPE | |
|---|---|------------|------------|
| | | | |
|  | U3-100/5, U3-120/6, U5-120/4 | 6202-ZZ | 6302-ZZ C3 |
| | U3-150/7, U3-180/8, U3-200/9, U3-250/10, 3- U3-280/11, 3- U3-300/12, U5-150/5, U5-180/6, U5-200/7, U5-250/8, 3- U5-280/9, 3- U5-300/10, U7-180/4, U7-250/5, 3- U7-300/6, U9-200/4, U9-250/5, 3- U9-300/6, U18-250/3 | 6204-ZZ | 6304-ZZ C3 |
| | 1- U3-280/11, 1- U3-300/12, 1- U5-280/9, 1- U5-300/10, U5-350/11, U5-380/12, 1- U7-300/6, U7-350/7, U7-400/8, 1- U9-300/6, U9-400/7, U18-400/4, U3-350/14, U3-380/16, U3-400/18, U5-400/14 | 6203-ZZ | 6305-ZZ C3 |
| | U7-450/9, U7-550/10, U9-450/8, U9-500/9, U9-550/10, U18-450/5, U18-550/6 | 6204-ZZ | 6306-ZZ-C3 |
| | U3-450/20, U5-450/16, U5-550/18, U5-600/20 | 6204-ZZ | 3206-ZZ C3 |
| | U7-750/12, U7-800/14, U7-900/16, U9-750/12, U9-800/14, U9-900/16, U18-750/8, U18-900/9, U18-920/10 | 6206-ZZ C3 | 3306-ZZ C3 |
| | U7-950/18, U7-1000/20, U9-950/18, U9-1000/20, U18-1000/11 | 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



EPIC / EPIC-A

IPFC

DESCRIPTION

Horizontal 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

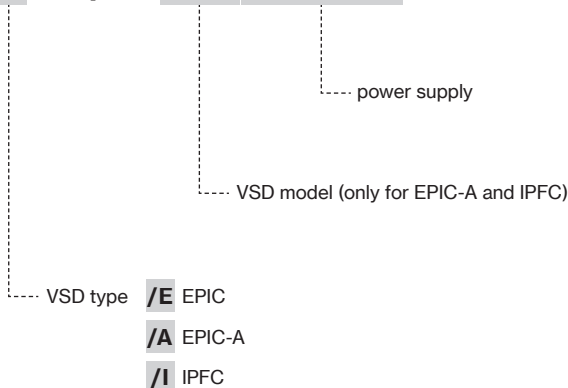
FUNCTIONING

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. Consult the catalog at the ULTRA series for pump specifics and characteristic curves.

U3SL /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 | | | | |
| U 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 | | | | | |
| U 5 | 120/4T | ■ | ■ | ■ | ■ | - | - | EPIC | IPFC 109 | EPIC-A 304 | IPFC 306 | | | |
| | 150/5T | ■ | ■ | ■ | ■ | - | - | | | | | | | |
| | 180/6T | ■ | ■ | ■ | ■ | - | - | | | | | | | |
| | 200/7T | ■ | ■ | ■ | ■ | - | - | | | | | | | |
| | 250/8T | ■ | ■ | ■ | ■ | - | - | | | | | | | |
| | 280/9T | - | ■ | - | ■ | - | - | | | | | - | IPFC 114 | EPIC-A 306 |
| | 300/10T | ■ | ■ | ■ | ■ | - | - | | | | | | | |
| | 350/11T | ■ | ■ | ■ | ■ | - | - | | | | | | | |
| | 380/12T | ■ | ■ | ■ | ■ | - | - | | | | | | | |
| | 400/14T | - | - | - | - | - | ■ | | | | | | | |
| | 450/16T | - | - | - | - | - | ■ | | | | | | | |
| | 550/18T | - | - | - | - | - | ■ | | - | EPIC-A 309 | IPFC 309 | | | |
| | 600/20T | - | - | - | - | - | ■ | | - | EPIC-A 314 | IPFC 311 | | | |
| U 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 | - | - | - | - | - | ■ | | | | | - | EPIC-A 314 | IPFC 314 |
| 1000/20T | - | - | - | - | - | ■ | - | EPIC-A 318 | IPFC 318 | | | | | |
| U 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 309 | IPFC 309 |
| | | | | | | | | | | | | - | EPIC-A 314 | IPFC 311 |
| | | | | | | | - | EPIC-A 314 | IPFC 314 | | | | | |
| | | | | | | | - | EPIC-A 318 | IPFC 318 | | | | | |



ULTRA+VSD

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



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

