




KENJI

50Hz



Powered by Franklin

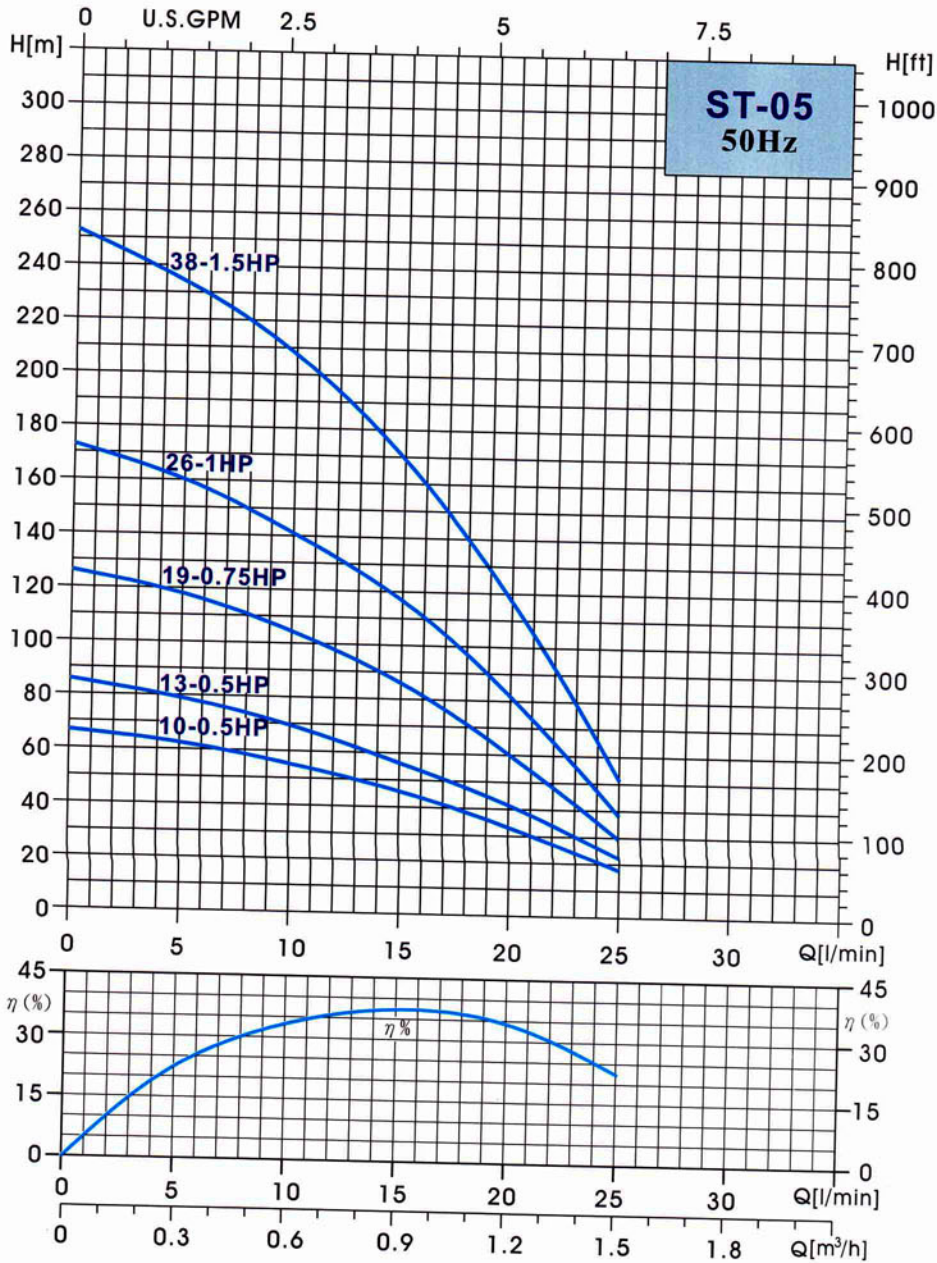


4" SUPER 
**STAINLESS + PLASTIC
FLOATING IMPELLER
SUBMERSIBLE
DEEP WELL PUMPS**



ST-05

Performance Curves



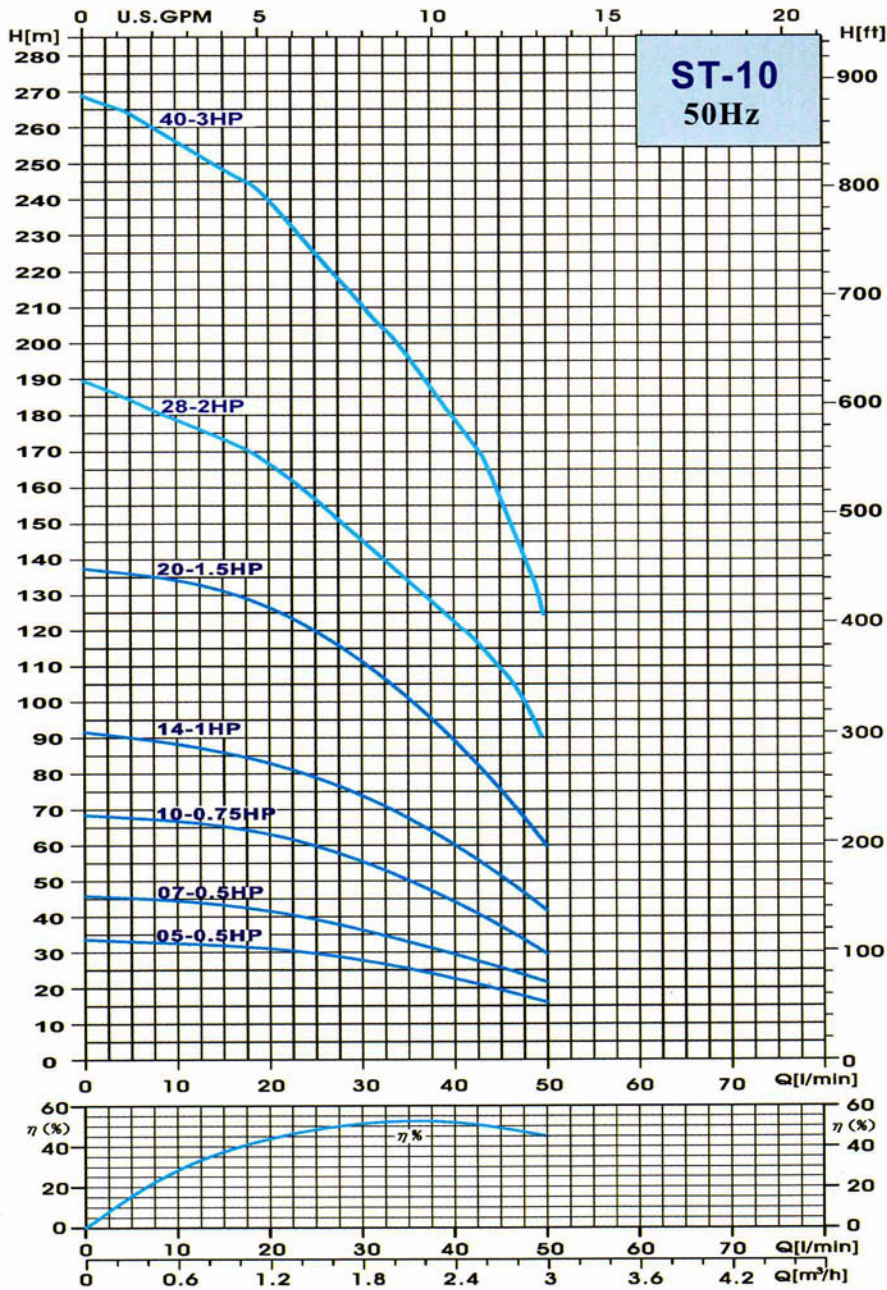
Discharge: 1-1/4"

Selection Chart

| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | PUMP | |
|------------------------|--------|-------------------|------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-------------|-------------|------|--|
| | | | | l/min | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | Length (mm) | Weight (kg) | | |
| | | m ³ /h | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | | | | | | |
| H=TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | | | | | |
| ST-0510 | 10 | 0.37 | 0.5 | 67 | 63 | 55 | 46 | 33 | 18 | | | | | | | | | 324 | 3.3 | | |
| ST-0513 | 13 | 0.37 | 0.5 | 86 | 78 | 70 | 56 | 42 | 23 | | | | | | | | | 377 | 3.7 | | |
| ST-0519 | 19 | 0.55 | 0.75 | 126 | 118 | 105 | 86 | 60 | 30 | | | | | | | | | 481 | 4.7 | | |
| ST-0526 | 26 | 0.75 | 1.0 | 173 | 160 | 141 | 117 | 81 | 39 | | | | | | | | | 642 | 5.8 | | |
| ST-0538 | 38 | 1.1 | 1.5 | 253 | 234 | 208 | 169 | 117 | 52 | | | | | | | | | 864 | 8.2 | | |

ST-10

Performance Curves



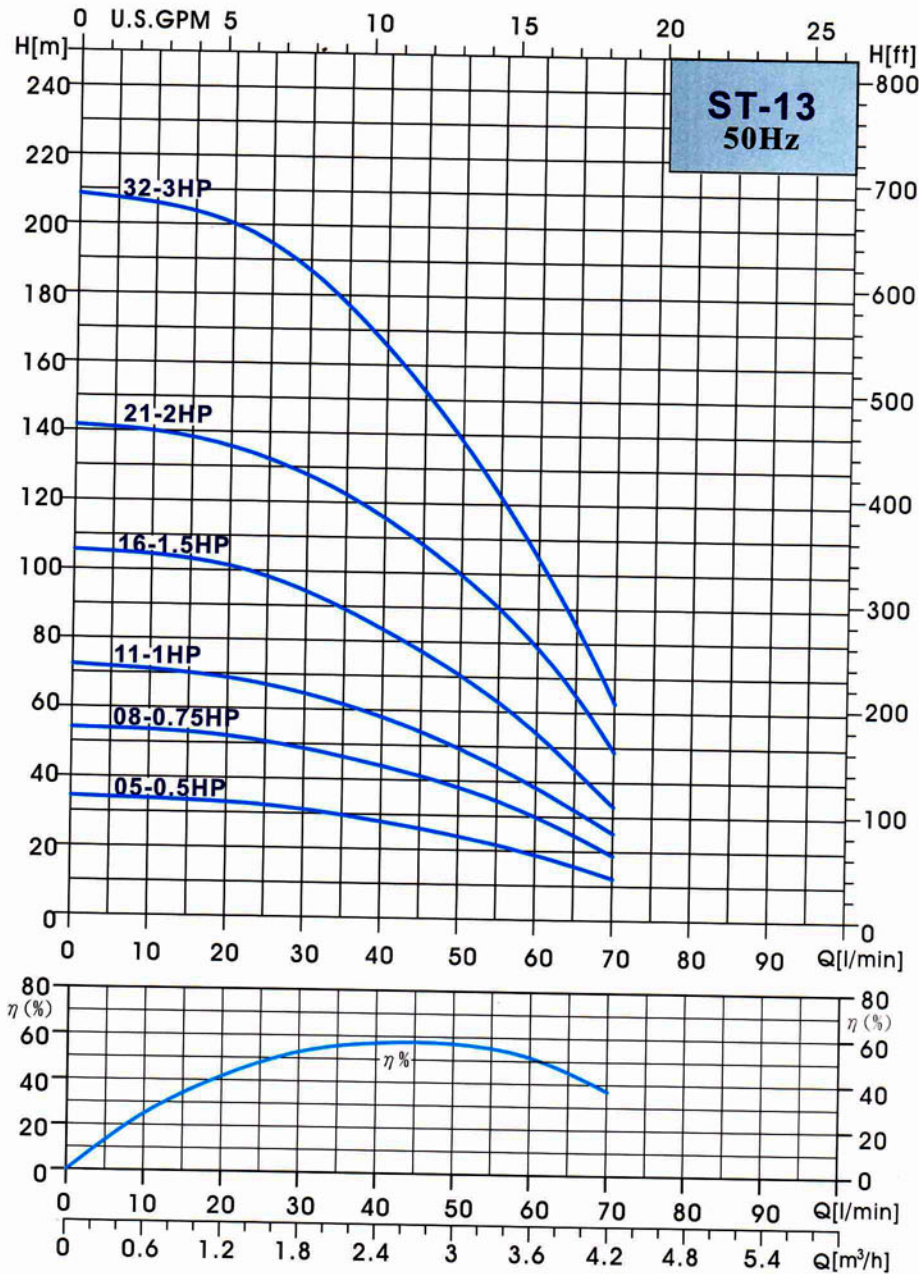
Discharge: 1-1/4"

Selection Chart

| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | PUMP | |
|-----------|--------|-------|------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|-------------|------|--|
| | | | | l/min 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | Length (mm) | Weight (kg) | | |
| | | KW | HP | m³/h 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | | | | |
| | | | | H=TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | |
| ST-1005 | 5 | 0.37 | 0.5 | 34 | | | | 32 | 31 | 29 | 27 | 25 | 23 | 19 | 16 | | | | 236 | 2.5 | |
| ST-1007 | 7 | 0.37 | 0.5 | 46 | | | | 43 | 42 | 39 | 36 | 33 | 29 | 26 | 22 | | | | 271 | 2.8 | |
| ST-1010 | 10 | 0.55 | 0.75 | 69 | | | | 65 | 63 | 60 | 55 | 50 | 44 | 37 | 29 | | | | 324 | 3.3 | |
| ST-1014 | 14 | 0.75 | 1.0 | 92 | | | | 86 | 83 | 79 | 74 | 67 | 60 | 52 | 42 | | | | 394 | 3.9 | |
| ST-1020 | 20 | 1.1 | 1.5 | 139 | | | | 131 | 127 | 120 | 111 | 101 | 90 | 75 | 60 | | | | 499 | 4.9 | |
| ST-1028 | 28 | 1.5 | 2 | 189 | | | | 178 | 172 | 164 | 153 | 140 | 126 | 108 | 90 | | | | 680 | 6.9 | |
| ST-1040 | 40 | 2.2 | 3 | 265 | | | | 247 | 237 | 224 | 208 | 189 | 170 | 147 | 120 | | | | 885 | 9.3 | |

ST-13

Performance Curves



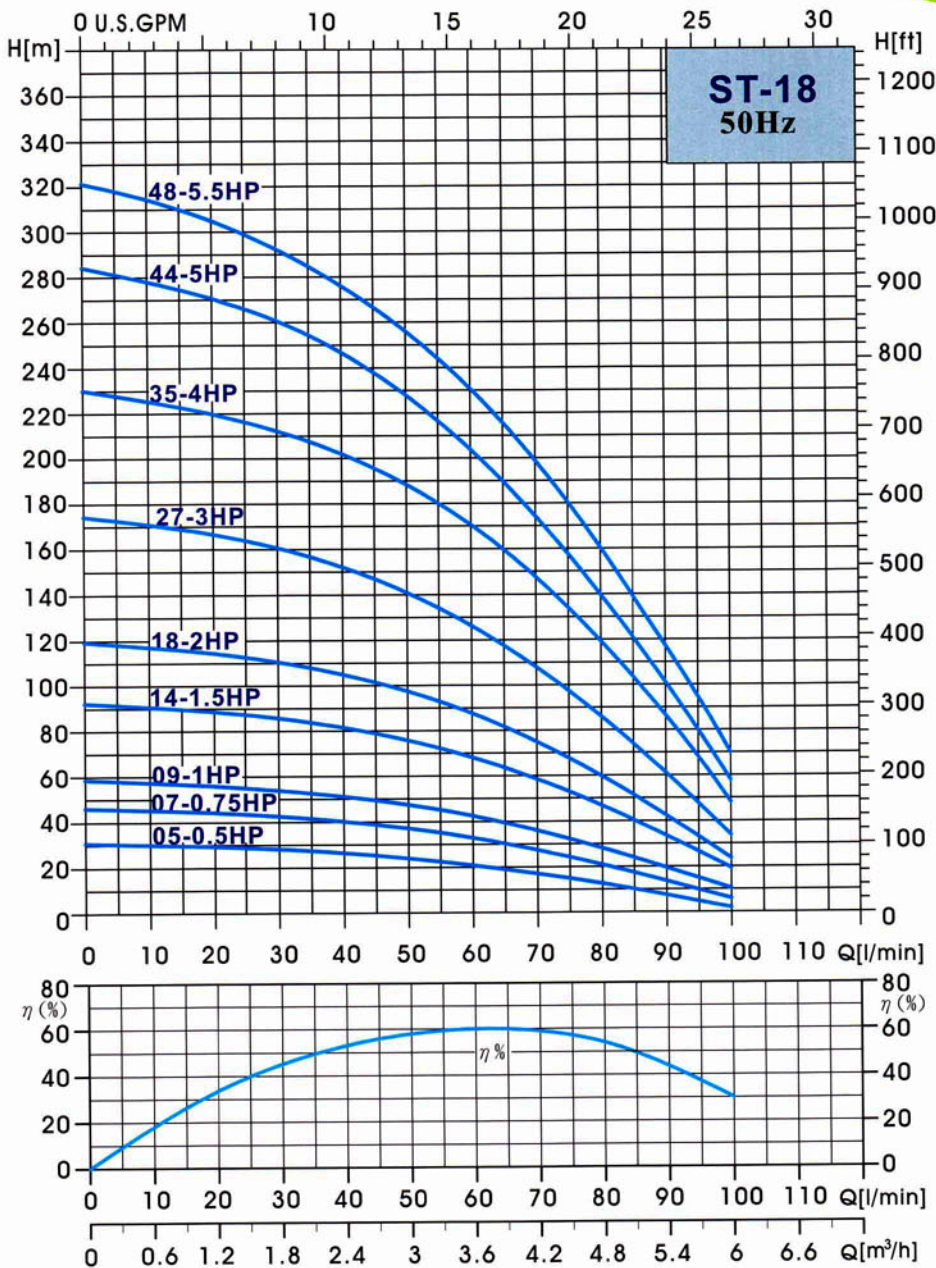
Discharge: 1-1/4"

Selection Chart

| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | PUMP | |
|-----------|--------|-------|------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-------------|-------------|------|--|
| | | | | l/min | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | Length (mm) | Weight (kg) | | |
| | | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | | | | | | |
| | | | | H=TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | |
| ST-1305 | 5 | 0.37 | 0.5 | 34 | | | | | 32 | 31 | 30 | 29 | 28 | 26 | 24 | 19 | 13 | | 236 | 2.5 | |
| ST-1308 | 8 | 0.55 | 0.75 | 54 | | | | 51 | 50 | 49 | 46 | 43 | 41 | 38 | 30 | 19 | | | 289 | 2.9 | |
| ST-1311 | 11 | 0.75 | 1.0 | 72 | | | | 68 | 66 | 64 | 61 | 58 | 54 | 49 | 38 | 26 | | | 342 | 3.4 | |
| ST-1316 | 16 | 1.1 | 1.5 | 106 | | | | 101 | 98 | 95 | 89 | 83 | 77 | 70 | 54 | 33 | | | 430 | 4.2 | |
| ST-1321 | 21 | 1.5 | 2.0 | 142 | | | | 135 | 132 | 127 | 122 | 115 | 108 | 100 | 79 | 49 | | | 519 | 5.0 | |
| ST-1332 | 32 | 2.2 | 3.0 | 208 | | | | 200 | 194 | 187 | 177 | 165 | 152 | 138 | 104 | 62 | | | 749 | 7.1 | |

Performance Curves

ST-18

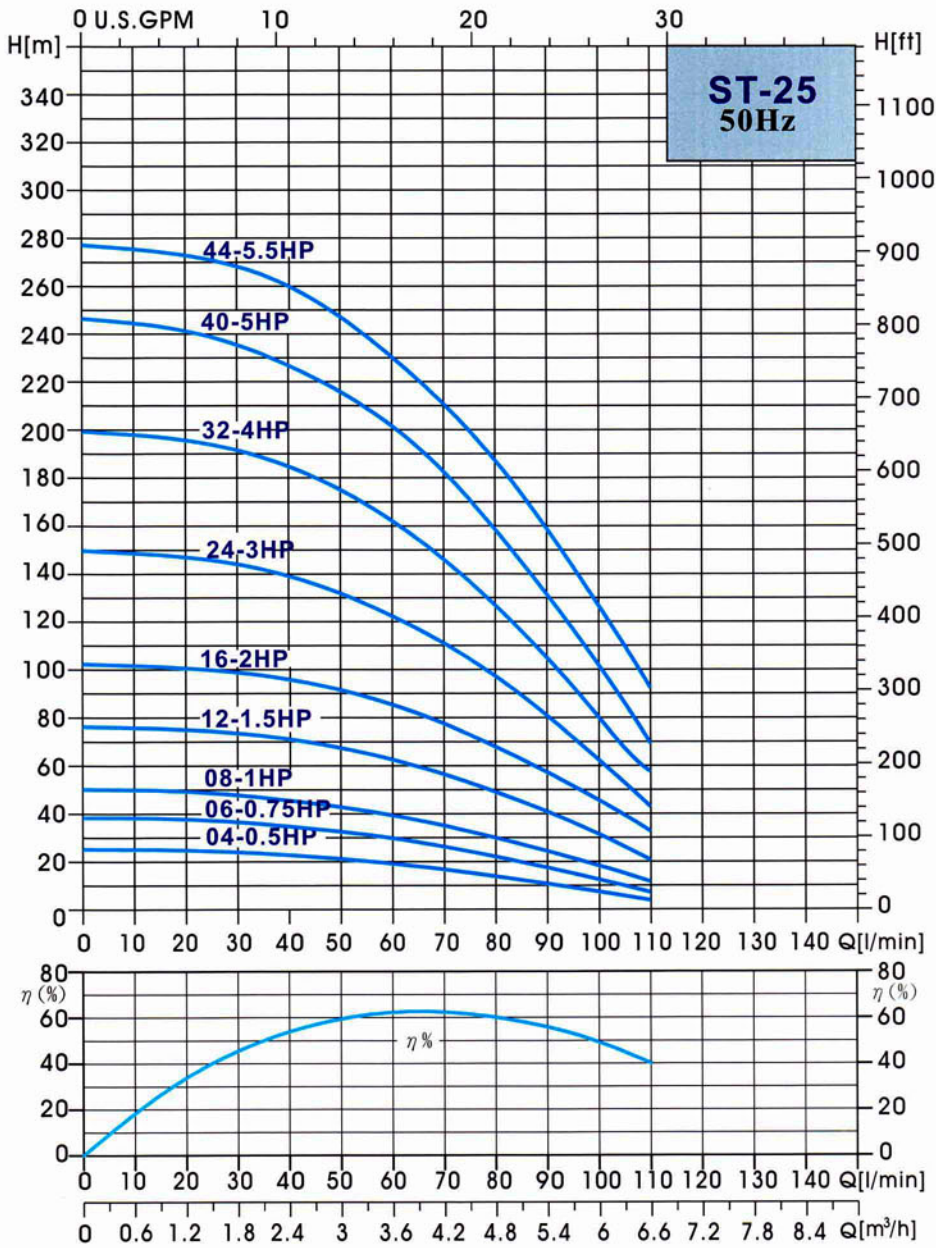


Discharge: 1-1/4"

| Selection Chart | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--------|-------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------------|-------------|
| PUMP TYPE | Stages | Motor | | Q = DELIVERY | | | | | | | | | | | | | | PUMP | | |
| | | KW | HP | l/min 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | Length (mm) | Weight (kg) |
| | | | | m³/h 0 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | | |
| H = TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | | | | |
| ST-1805 | 5 | 0.37 | 0.5 | 33 | | | 29 | 28 | 27 | 26 | 25 | 24 | 21 | 18 | 13 | 8 | 3 | 257 | 2.7 | |
| ST-1807 | 7 | 0.55 | 0.75 | 46 | | | 43 | 42 | 41 | 40 | 39 | 37 | 33 | 28 | 21 | 13 | 7 | 301 | 3.0 | |
| ST-1809 | 9 | 0.75 | 1.0 | 59 | | | 55 | 54 | 52 | 51 | 49 | 47 | 43 | 37 | 28 | 20 | 10 | 344 | 3.3 | |
| ST-1814 | 14 | 1.1 | 1.5 | 93 | | | 87 | 86 | 83 | 81 | 79 | 76 | 68 | 58 | 47 | 33 | 20 | 452 | 4.1 | |
| ST-1818 | 18 | 1.5 | 2.0 | 120 | | | 113 | 111 | 108 | 105 | 102 | 98 | 88 | 75 | 60 | 42 | 25 | 538 | 4.7 | |
| ST-1827 | 27 | 2.2 | 3.0 | 175 | | | 164 | 161 | 157 | 152 | 147 | 141 | 127 | 109 | 87 | 61 | 35 | 767 | 6.2 | |
| ST-1835 | 35 | 3.0 | 4.0 | 231 | | | 217 | 212 | 208 | 202 | 196 | 189 | 170 | 149 | 120 | 87 | 50 | 934 | 7.9 | |
| ST-1844 | 44 | 3.7 | 5.0 | 285 | | | 266 | 260 | 254 | 248 | 238 | 229 | 203 | 172 | 139 | 100 | 59 | 1128 | 9.3 | |
| ST-1848 | 48 | 4.0 | 5.5 | 322 | | | 299 | 292 | 285 | 276 | 267 | 256 | 231 | 199 | 160 | 118 | 70 | 1253 | 9.9 | |

ST-25

Performance Curves

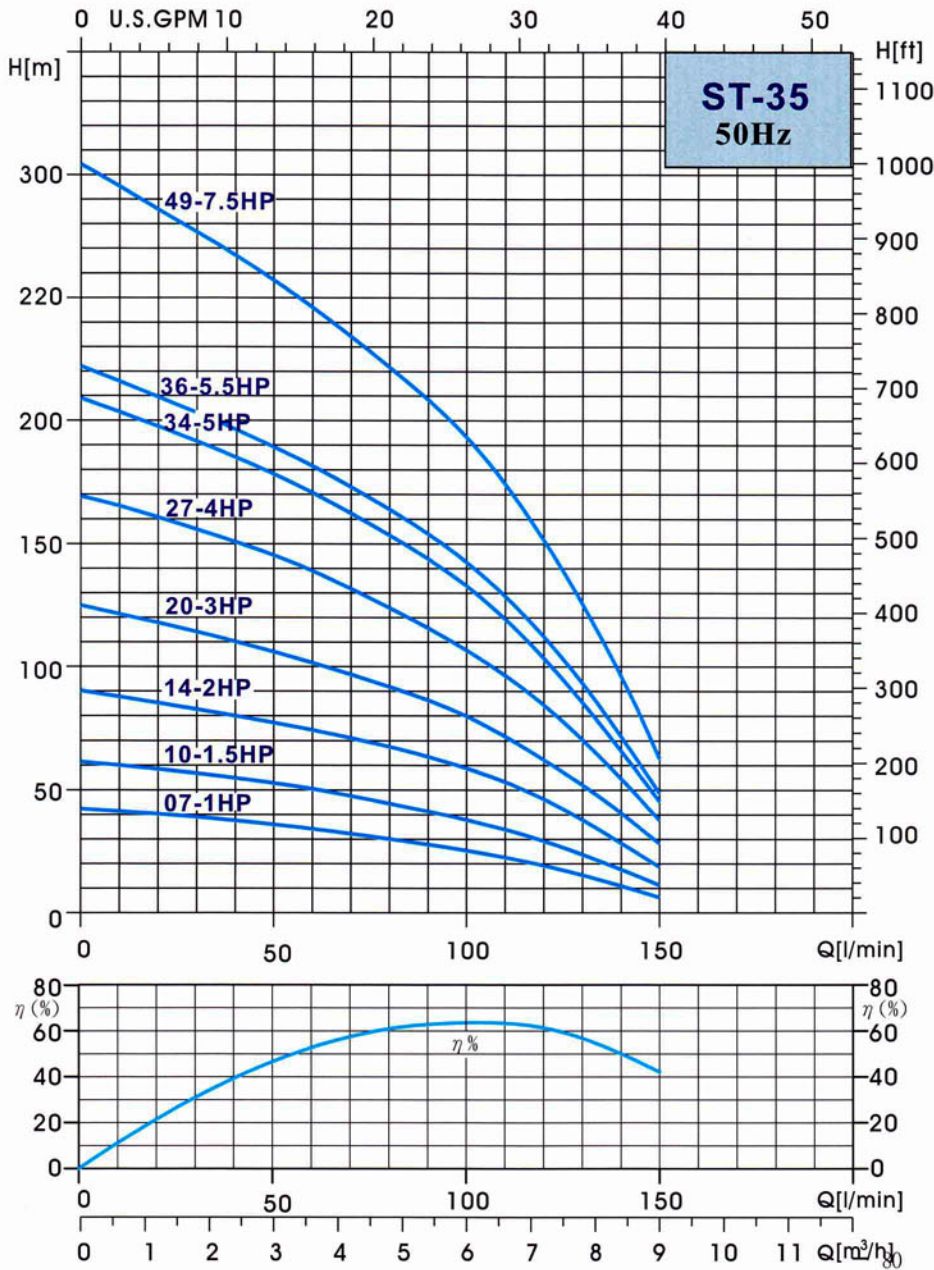


Discharge: 1-1/2"

| Selection Chart | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|-------|------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-------------|-------------|
| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | | | |
| | | | | l/min 0 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | PUMP | |
| | | KW | HP | m³/h 0 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | Length (mm) | Weight (kg) |
| H=TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | | | | | | |
| ST-2504 | 4 | 0.37 | 0.5 | 26 | | 23 | 22 | 22 | 21 | 19 | 17 | 14 | 11 | 7 | | | | | | | 247 | 2.4 |
| ST-2506 | 6 | 0.55 | 0.75 | 38 | | 36 | 35 | 33 | 32 | 30 | 26 | 22 | 18 | 12 | | | | | | | 296 | 2.9 |
| ST-2508 | 8 | 0.75 | 1.0 | 51 | | 47 | 46 | 44 | 43 | 39 | 35 | 30 | 24 | 18 | | | | | | | 345 | 3.3 |
| ST-2512 | 12 | 1.1 | 1.5 | 77 | | 72 | 71 | 69 | 68 | 63 | 57 | 49 | 41 | 31 | | | | | | | 433 | 4.1 |
| ST-2516 | 16 | 1.5 | 2.0 | 102 | | 98 | 96 | 94 | 92 | 86 | 77 | 68 | 57 | 46 | | | | | | | 542 | 5.0 |
| ST-2524 | 24 | 2.2 | 3.0 | 151 | | 142 | 139 | 136 | 132 | 122 | 111 | 97 | 80 | 62 | | | | | | | 777 | 6.6 |
| ST-2532 | 32 | 3.0 | 4.0 | 203 | | 188 | 185 | 180 | 175 | 162 | 146 | 127 | 105 | 80 | | | | | | | 965 | 8.7 |
| ST-2540 | 40 | 3.7 | 5.0 | 253 | | 232 | 227 | 222 | 216 | 202 | 182 | 159 | 131 | 102 | | | | | | | 1160 | 10.4 |
| ST-2544 | 44 | 4.0 | 5.5 | 278 | | 265 | 260 | 254 | 247 | 230 | 210 | 187 | 159 | 127 | | | | | | | 1296 | 11.2 |

ST-35

Performance Curves



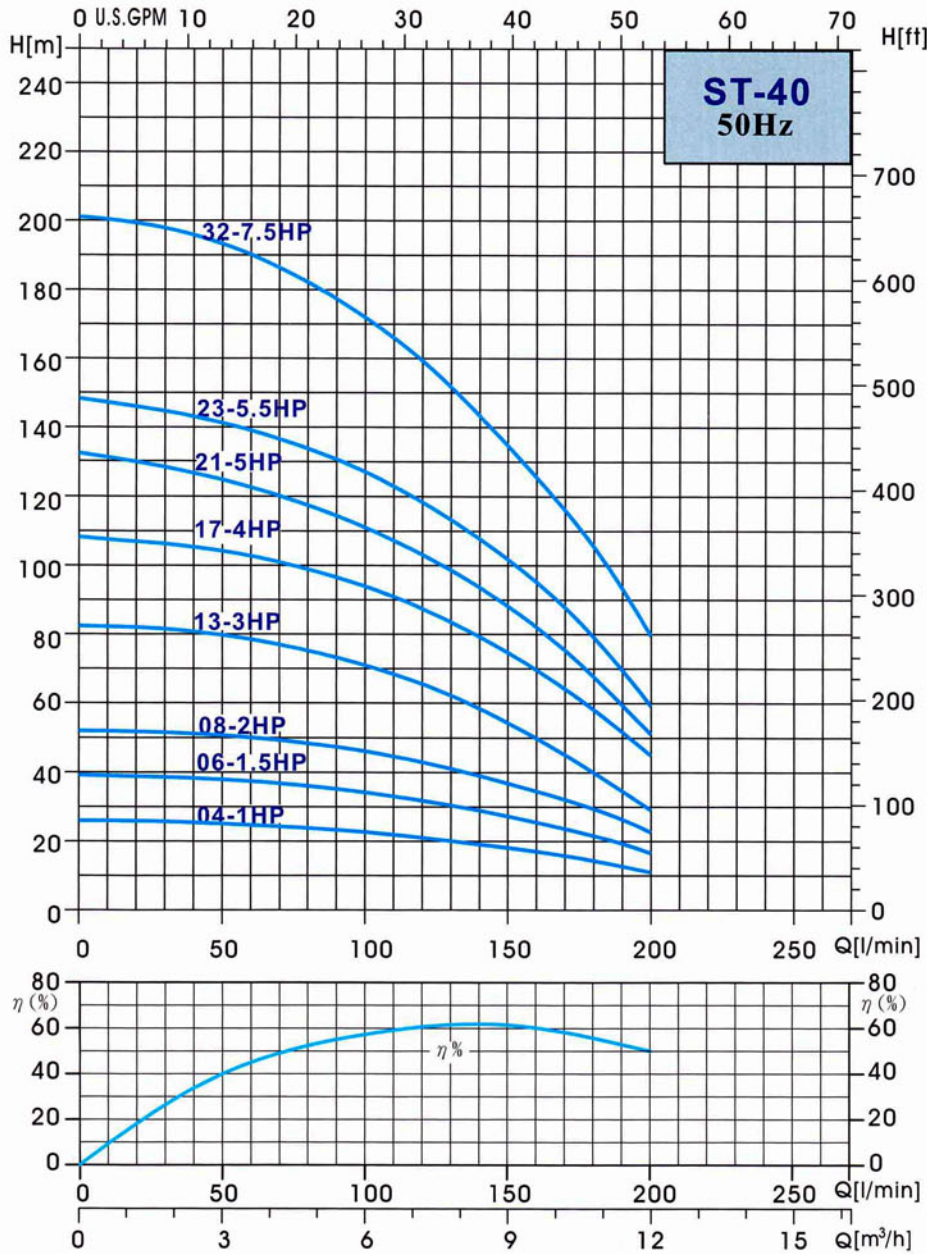
Discharge: 2"

Selection Chart

| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | | PUMP | | | | | |
|-----------|--------|-------|-----|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-------------|-------------|--|-----|------|------|
| | | | | l/min | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | Length (mm) | Weight (kg) | | | | |
| | | 0 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | | | | | | | | |
| | | | | H=TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | | | | | | |
| ST-3507 | 7 | 0.75 | 1.0 | 42 | | | | | | 36 | 34 | 32 | 30 | 28 | 25 | 19 | 11 | | | | | | | 390 | 3.7 | |
| ST-3510 | 10 | 1.1 | 1.5 | 62 | | | | | | 53 | 51 | 48 | 45 | 41 | 38 | 29 | 18 | | | | | | | | 483 | 4.6 |
| ST-3514 | 14 | 1.5 | 2.0 | 90 | | | | | | 77 | 74 | 71 | 68 | 63 | 59 | 46 | 28 | | | | | | | | 607 | 5.7 |
| ST-3520 | 20 | 2.2 | 3.0 | 125 | | | | | | 107 | 102 | 97 | 92 | 86 | 80 | 62 | 40 | | | | | | | | 831 | 7.5 |
| ST-3527 | 27 | 3.0 | 4.0 | 169 | | | | | | 145 | 139 | 131 | 123 | 115 | 107 | 84 | 55 | | | | | | | | 1048 | 9.6 |
| ST-3534 | 34 | 3.7 | 5.0 | 208 | | | | | | 178 | 170 | 162 | 153 | 143 | 132 | 103 | 66 | | | | | | | | 1257 | 11.6 |
| ST-3536 | 36 | 4.0 | 5.5 | 221 | | | | | | 190 | 181 | 173 | 164 | 154 | 143 | 112 | 72 | | | | | | | | 1318 | 12.2 |
| ST-3549 | 49 | 5.5 | 7.5 | 302 | | | | | | 257 | 246 | 234 | 222 | 209 | 193 | 151 | 96 | | | | | | | | 1802 | 15.9 |

ST-40

Performance Curves

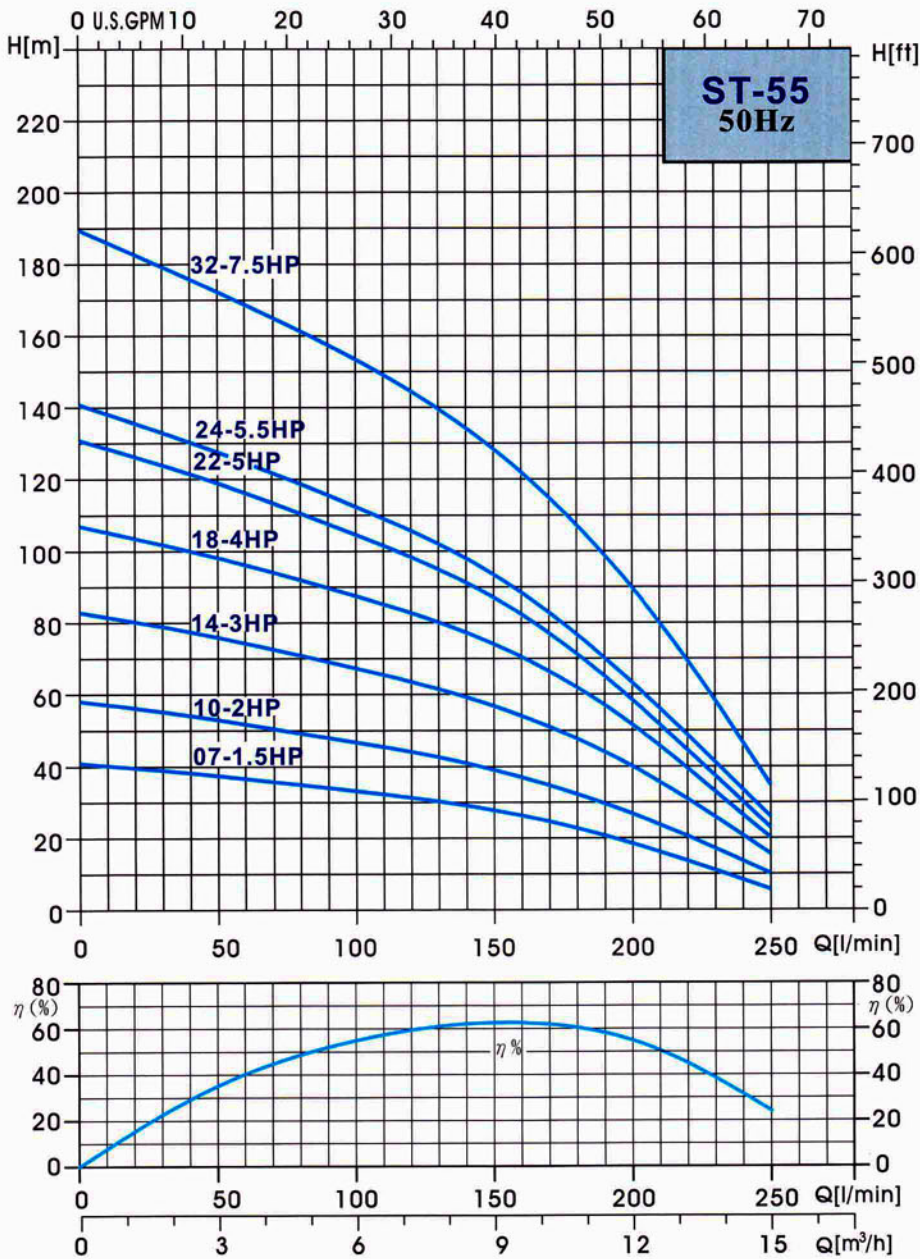


Discharge: 2"

| Selection Chart | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|--------|-----|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|------|------|--------|
| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | PUMP | |
| | | | | l/min 0 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | Length |
| | | m³/h 0 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | (mm) | (kg) | |
| H=TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | | | | | |
| ST-4004 | 4 | 0.75 | 1.0 | 26 | | | | | | | | 24 | 23 | 22 | 21 | 19 | 17 | 15 | 12 | 294 | 2.8 |
| ST-4006 | 6 | 1.1 | 1.5 | 39 | | | | | | | | 36 | 35 | 34 | 32 | 29 | 26 | 22 | 17 | 356 | 3.4 |
| ST-4008 | 8 | 1.5 | 2.0 | 52 | | | | | | | | 48 | 47 | 46 | 43 | 39 | 35 | 29 | 24 | 418 | 4.0 |
| ST-4013 | 13 | 2.2 | 3.0 | 82 | | | | | | | | 75 | 73 | 71 | 66 | 59 | 50 | 40 | 30 | 573 | 5.5 |
| ST-4017 | 17 | 3.0 | 4.0 | 108 | | | | | | | | 98 | 96 | 94 | 87 | 79 | 70 | 58 | 46 | 697 | 6.6 |
| ST-4021 | 21 | 3.7 | 5.0 | 132 | | | | | | | | 117 | 114 | 111 | 103 | 93 | 82 | 68 | 52 | 859 | 7.8 |
| ST-4023 | 23 | 4.0 | 5.5 | 148 | | | | | | | | 134 | 131 | 127 | 118 | 108 | 95 | 79 | 60 | 921 | 8.4 |
| ST-4032 | 32 | 5.5 | 7.5 | 202 | | | | | | | | 182 | 178 | 172 | 160 | 143 | 125 | 105 | 80 | 1238 | 11.0 |

ST-55

Performance Curves



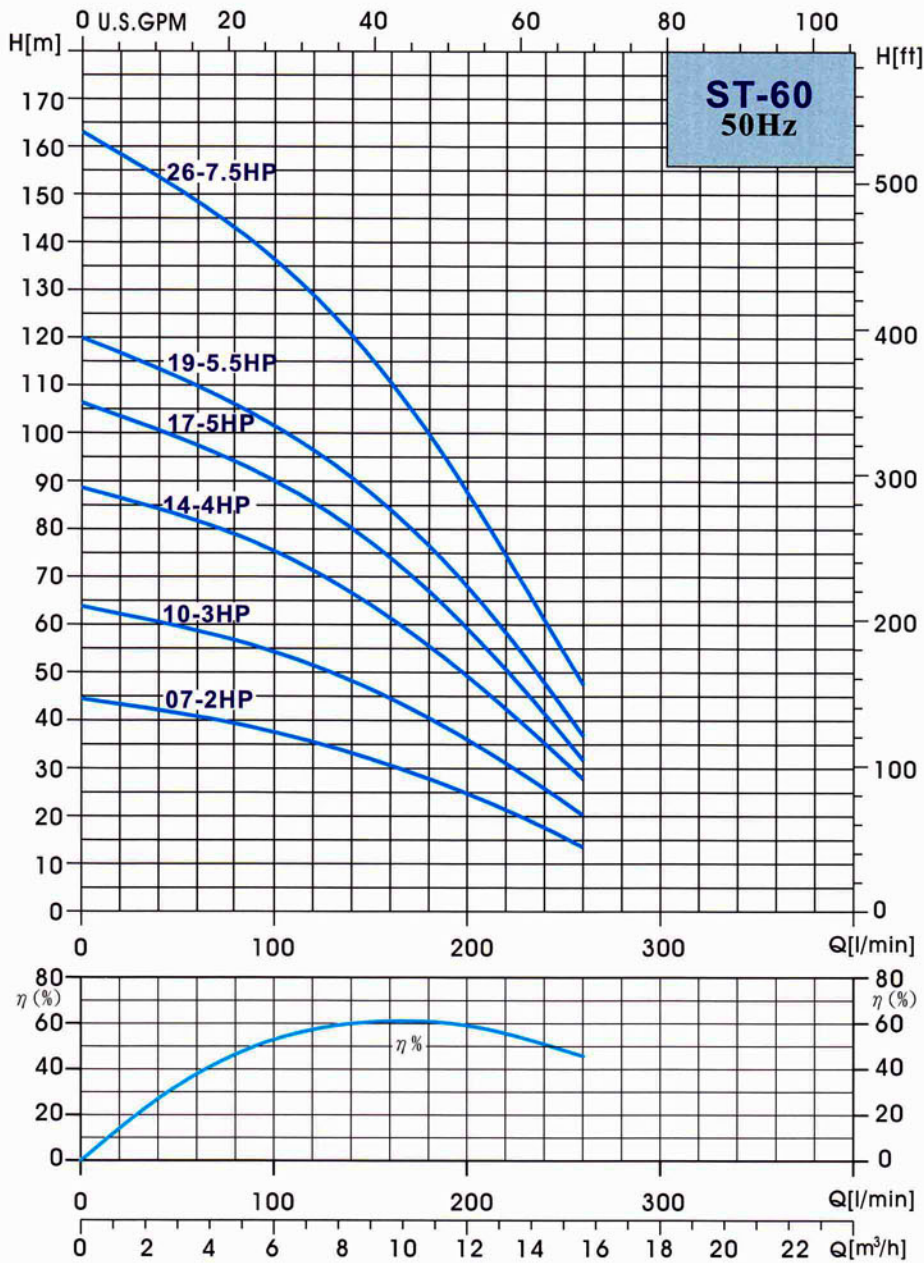
Discharge: 2"

Selection Chart

| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | | PUMP | | | |
|-----------|--------|--------|-----|------------|-----|---------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-------------|-------------|
| | | | | KW | HP | l/min 0 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | Length (mm) | Weight (kg) |
| | | m³/h 0 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | 14.4 | 16 | 17 | 18 | 19 | 20 | | | | | | |
| ST-5507 | 7 | 1.1 | 1.5 | 41 | | 35 | 34 | 33 | 32 | 29 | 26 | 23 | 18 | 14 | 8 | | | | | | | | 537 | 5.3 |
| ST-5510 | 10 | 1.5 | 2.0 | 58 | | 49 | 48 | 47 | 44 | 41 | 37 | 32 | 27 | 20 | 13 | | | | | | | | 693 | 6.7 |
| ST-5514 | 14 | 2.2 | 3.0 | 83 | | 71 | 69 | 67 | 63 | 58 | 54 | 48 | 40 | 31 | 20 | | | | | | | | 901 | 8.5 |
| ST-5518 | 18 | 3.0 | 4.0 | 107 | | 92 | 90 | 87 | 83 | 77 | 70 | 62 | 52 | 39 | 26 | | | | | | | | 1147 | 10.4 |
| ST-5522 | 22 | 3.7 | 5.0 | 131 | | 110 | 107 | 104 | 98 | 91 | 82 | 71 | 58 | 45 | 30 | | | | | | | | 1345 | 12.3 |
| ST-5524 | 24 | 4.0 | 5.5 | 141 | | 118 | 116 | 113 | 106 | 97 | 88 | 77 | 63 | 49 | 33 | | | | | | | | 1449 | 13.2 |
| ST-5532 | 32 | 5.5 | 7.5 | 189 | | 162 | 157 | 153 | 144 | 134 | 122 | 107 | 90 | 70 | 47 | | | | | | | | 1866 | 17 |

ST-60

Performance Curves



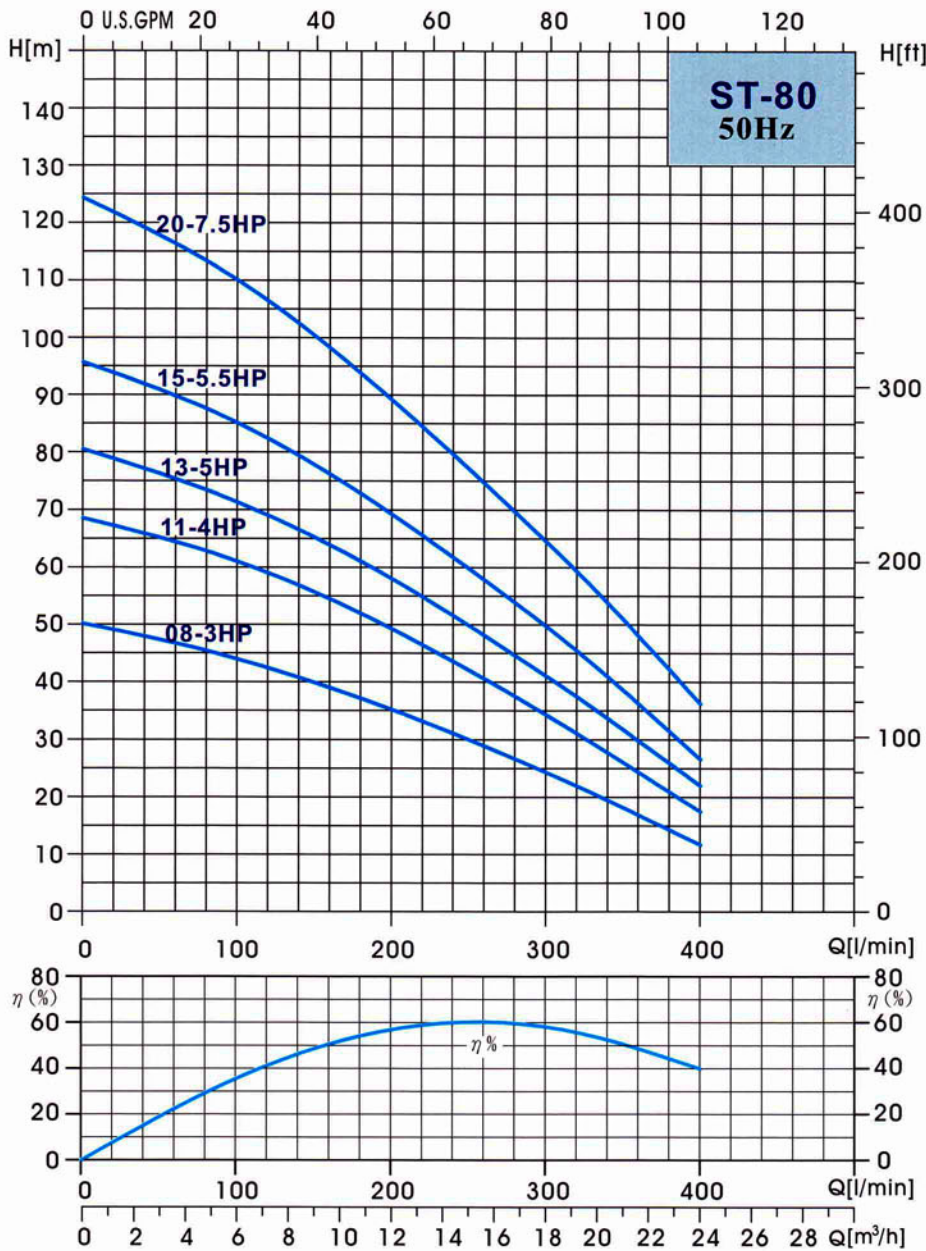
Discharge: 2"

Selection Chart

| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | | PUMP | | | |
|------------------------|--------|-------|-----|------------|----|-------|-----|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|-----|-------------|-------------|
| | | | | KW | HP | l/min | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | Length (mm) | Weight (kg) |
| | | m³/h | 4.8 | | | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | 14.4 | 16 | 17 | 18 | 19 | 20 | 22 | | | | |
| H=TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | | | | | | | | |
| ST-6007 | 7 | 1.5 | 2.0 | 45 | | | | 37 | 36 | 33 | 31 | 28 | 25 | 22 | 18 | 14 | | | | | | | 534 | 5.3 |
| ST-6010 | 10 | 2.2 | 3.0 | 64 | | | | 54 | 52 | 48 | 44 | 41 | 36 | 32 | 26 | 20 | | | | | | | 690 | 6.7 |
| ST-6014 | 14 | 3.0 | 4.0 | 89 | | | | 76 | 72 | 67 | 62 | 56 | 49 | 43 | 35 | 28 | | | | | | | 989 | 8.6 |
| ST-6017 | 17 | 3.7 | 5.0 | 107 | | | | 90 | 86 | 80 | 74 | 67 | 59 | 51 | 42 | 32 | | | | | | | 1092 | 10.1 |
| ST-6019 | 19 | 4.0 | 5.5 | 120 | | | | 102 | 97 | 91 | 89 | 76 | 68 | 58 | 48 | 37 | | | | | | | 1195 | 11.0 |
| ST-6026 | 26 | 5.5 | 7.5 | 163 | | | | 136 | 129 | 120 | 111 | 100 | 87 | 75 | 61 | 48 | | | | | | | 1559 | 14.3 |

ST-80

Performance Curves



Discharge: 2"

| Selection Chart | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|--------|-----|------------|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------------|
| PUMP TYPE | Stages | Motor | | Q=DELIVERY | | | | | | | | | | | | | | | | | PUMP | |
| | | | | l/min 0 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 450 | Length (mm) |
| | | m³/h 0 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | 14.4 | 16 | 17 | 18 | 19 | 20 | 22 | 23 | 24 | 27 | | | |
| H=TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | | | | | | |
| ST-8008 | 8 | 2.2 | 3.0 | 51 | | 41 | 39 | 37 | 35 | 33 | 31 | 29 | 27 | 24 | 22 | 20 | 17 | 14 | 12 | 676 | 6.3 | |
| ST-8011 | 11 | 3.0 | 4.0 | 70 | | 57 | 54 | 52 | 49 | 47 | 44 | 41 | 38 | 34 | 31 | 28 | 24 | 21 | 18 | 880 | 8.1 | |
| ST-8013 | 13 | 3.7 | 5.0 | 81 | | 67 | 64 | 61 | 58 | 55 | 52 | 48 | 45 | 41 | 38 | 34 | 30 | 26 | 22 | 1013 | 9.3 | |
| ST-8015 | 15 | 4.0 | 5.5 | 97 | | 79 | 76 | 73 | 69 | 66 | 63 | 58 | 54 | 50 | 46 | 41 | 36 | 32 | 27 | 1149 | 10.5 | |
| ST-8020 | 20 | 5.5 | 7.5 | 125 | | 102 | 98 | 94 | 89 | 84 | 79 | 74 | 70 | 65 | 60 | 54 | 48 | 43 | 37 | 1489 | 13.5 | |