



PRAKASH

Worldwide

Quality, Reliability, Life

6" & 8" SUBMERSIBLE PUMP STAINLESS STEEL



6" Submersible Pump

Stainless steel General Data

Applications

- Domestic and community water supply
- Irrigation in horticulture and agriculture
- Drip and sprinkler application
- Booster application
- Civil and industrial application

Specifications

- Water temperature : up to 35°C
- Minimum internal diameter of well: 6" Ø150mm.
- Power : 4.0 to 37Kw
- Capacity : up to 78m³/h
- Head : up to 446m
- Max. sand quality in to the water : 50g/m³
- PH: 6.5 – 8.0

Feature and benefits

- Pump sizes for connecting to motor according to NEMA standards.
- Delivery Casing with built-in non return valve for stop coming back water.
- Manufactured from corrosion resistant materials for long life impellers, diffuser, and Delivery Casing are S.S.AISI-304.
- Specific impeller material selection ensures optimal performance in sandy bores.
- This type models feature independently floating centrifugal impellers to provide easy starting and long life-automatically adjusting to match pumping conditions for various application.
- High quality shaft bearings providing low friction and high wear resistance.
- Strong stainless steel drive shaft ensures positive impeller drive and longer life.

Models

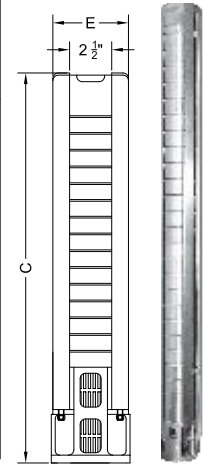
- Radial flow SP-R17A.
- Mixed flow SP-M30A, SP-M46A, SP-M60A



Radial flow SP-R17A

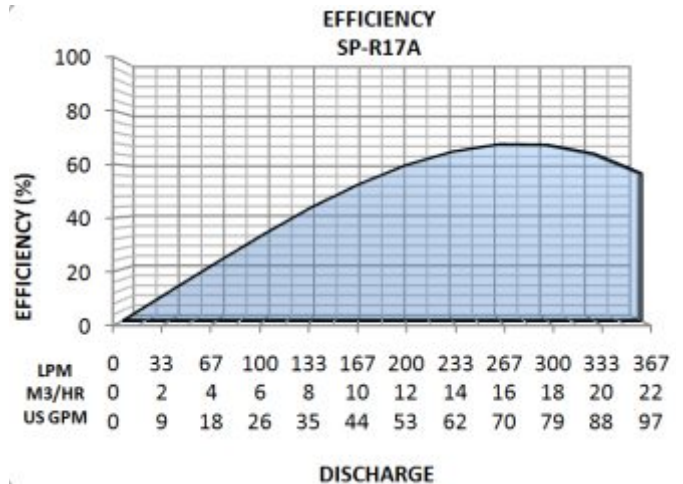
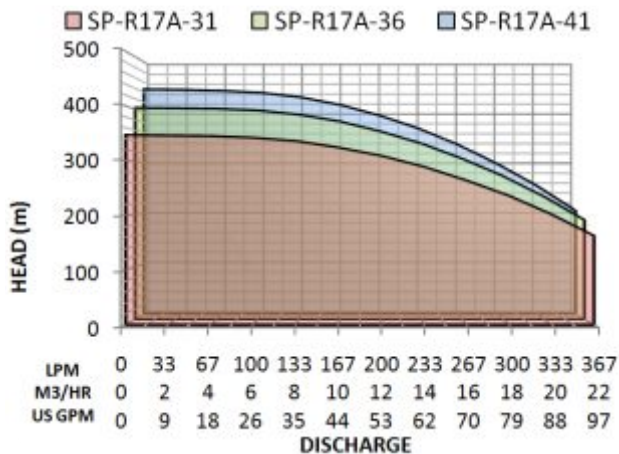
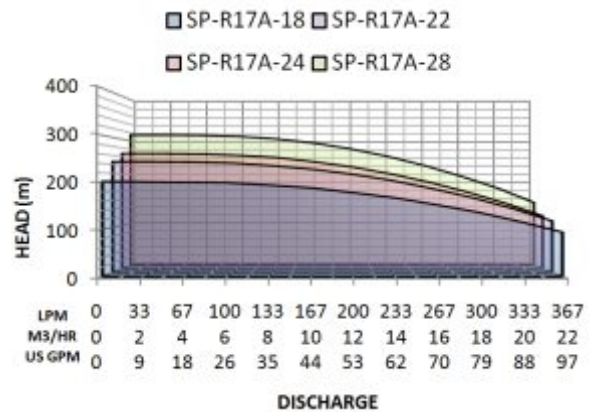
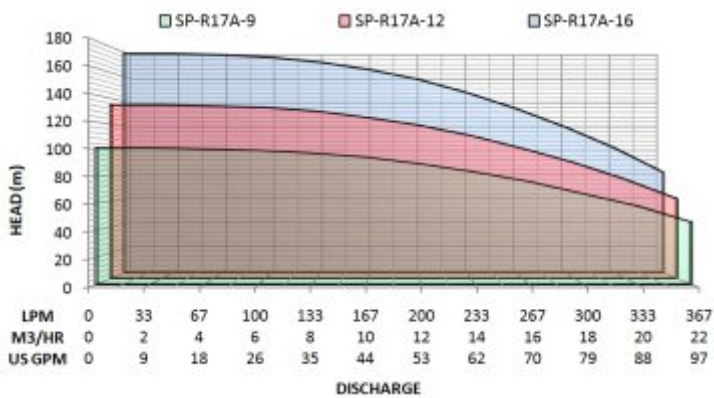
Hydraulic Pump Performance Chart

| Model | Power | | C | E | Pump Weight (Kg) | Q | US GPM | 0 | 26 | 35 | 44 | 53 | 62 | 70 | 79 | 88 | 97 |
|------------|-------|------|------|-----|------------------|----------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | KW | HP | | | | | M ³ /H | 0 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
| | | | | | | | LPM | 0 | 100 | 133 | 167 | 200 | 233 | 267 | 300 | 333 | 367 |
| SP-R17A-9 | 5.5 | 7.5 | 819 | 143 | 17 | H Meters | 101 | 99 | 97 | 94 | 89 | 83 | 76 | 67 | 58 | 46 | |
| SP-R17A-12 | 7.5 | 10 | 1000 | 143 | 21 | | 135 | 133 | 130 | 125 | 119 | 111 | 101 | 90 | 77 | 62 | |
| SP-R17A-16 | 9.2 | 12.5 | 1242 | 143 | 26 | | 179 | 176 | 172 | 166 | 158 | 147 | 134 | 119 | 102 | 82 | |
| SP-R17A-18 | 11 | 15 | 1363 | 143 | 28 | | 202 | 199 | 194 | 188 | 178 | 167 | 152 | 136 | 116 | 94 | |
| SP-R17A-22 | 13 | 17.5 | 1605 | 143 | 33 | | 246 | 243 | 237 | 229 | 218 | 204 | 186 | 166 | 142 | 114 | |
| SP-R17A-24 | 13 | 17.5 | 1726 | 143 | 36 | | 267 | 263 | 258 | 248 | 236 | 220 | 201 | 178 | 152 | 122 | |
| SP-R17A-28 | 18.5 | 25 | 1968 | 143 | 41 | | 315 | 311 | 305 | 295 | 281 | 263 | 241 | 215 | 186 | 151 | |
| SP-R17A-31 | 18.5 | 25 | 2150 | 143 | 44 | | 347 | 342 | 336 | 324 | 309 | 289 | 264 | 236 | 202 | 163 | |
| SP-R17A-36 | 22 | 30 | 2452 | 143 | 50 | | 403 | 398 | 390 | 377 | 358 | 335 | 306 | 273 | 234 | 189 | |
| SP-R17A-41 | 22 | 30 | 2735 | 143 | 56 | | 446 | 439 | 430 | 415 | 394 | 368 | 336 | 298 | 255 | 205 | |



Submersible Motor Type SM150, Pump Outlet 2 1/2"

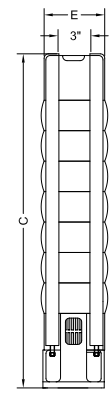
Hydraulic Performance Curve



Mixed flow SP-M30A

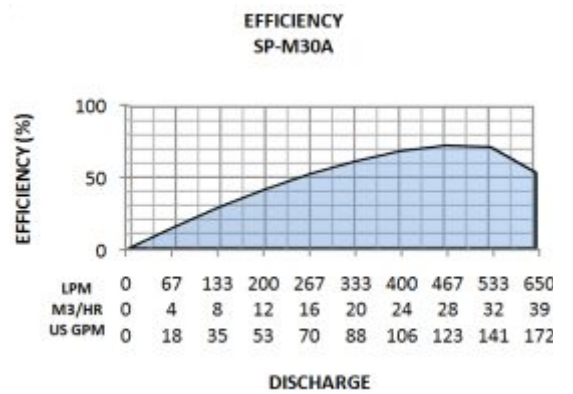
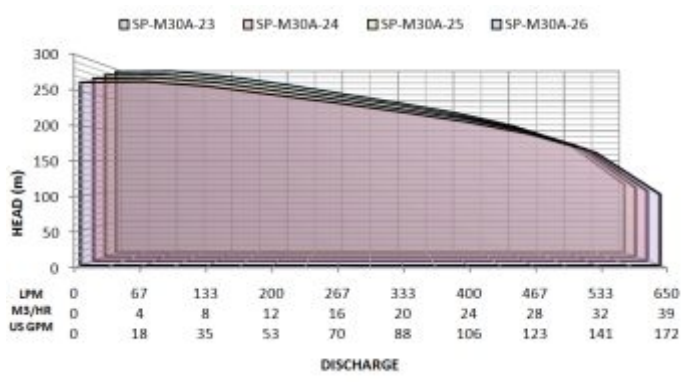
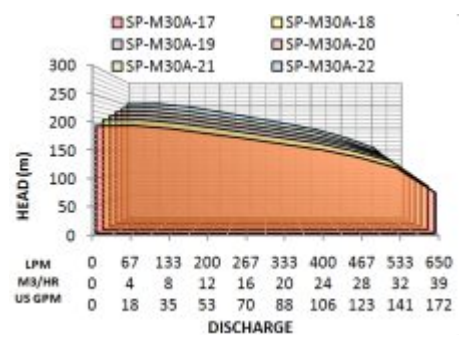
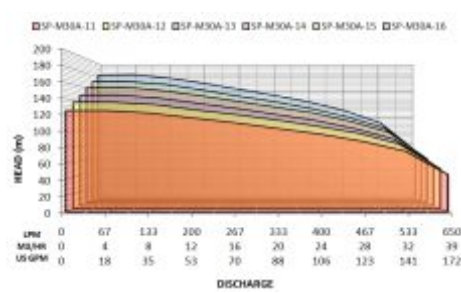
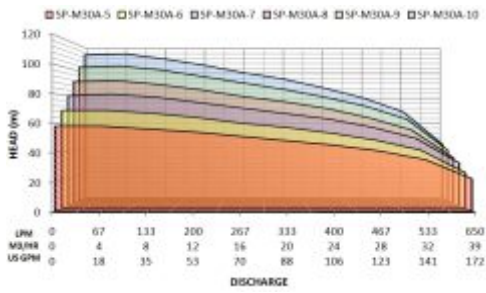
Hydraulic Pump Performance Chart

| Model | Power | | C | E | Pump Weight (Kg) | Q | H Meters | | | | | | | | | | |
|------------|-------|------|------|-----|------------------|---|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | KW | HP | | | | | US GPM | 0 | 53 | 70 | 88 | 106 | 123 | 141 | 172 | | |
| | | | | | | | M ³ /H | 0 | 12 | 16 | 20 | 24 | 28 | 32 | 39 | | |
| | | | | | | | LPM | 0 | 200 | 267 | 333 | 400 | 467 | 533 | 650 | | |
| SP-M30A-5 | 5.5 | 7.5 | 754 | 143 | 16 | | | 58 | 54 | 51 | 48 | 45 | 41 | 35 | 22 | | |
| SP-M30A-6 | 5.5 | 7.5 | 850 | 143 | 18 | | | 69 | 64 | 60 | 57 | 53 | 48 | 41 | 25 | | |
| SP-M30A-7 | 7.5 | 10.0 | 946 | 143 | 20 | | | 80 | 75 | 71 | 67 | 63 | 57 | 49 | 31 | | |
| SP-M30A-8 | 7.5 | 10.0 | 1042 | 143 | 22 | | | 91 | 85 | 80 | 76 | 71 | 64 | 55 | 34 | | |
| SP-M30A-9 | 9.3 | 12.5 | 1138 | 143 | 24 | | | 103 | 96 | 91 | 86 | 80 | 73 | 63 | 39 | | |
| SP-M30A-10 | 9.3 | 12.5 | 1234 | 143 | 25 | | | 114 | 106 | 100 | 95 | 88 | 80 | 69 | 43 | | |
| SP-M30A-11 | 9.3 | 12.5 | 1330 | 143 | 27 | | | 125 | 116 | 110 | 103 | 96 | 87 | 75 | 46 | | |
| SP-M30A-12 | 11 | 15.0 | 1426 | 143 | 29 | | | 137 | 127 | 121 | 114 | 106 | 97 | 83 | 51 | | |
| SP-M30A-13 | 11 | 15.0 | 1522 | 143 | 31 | | | 148 | 137 | 130 | 122 | 114 | 103 | 89 | 55 | | |
| SP-M30A-14 | 13 | 17.5 | 1618 | 143 | 33 | | | 160 | 149 | 141 | 133 | 125 | 113 | 98 | 61 | | |
| SP-M30A-15 | 13 | 17.5 | 1714 | 143 | 35 | | | 171 | 159 | 150 | 142 | 132 | 120 | 104 | 64 | | |
| SP-M30A-16 | 15 | 20.0 | 1810 | 143 | 37 | | | 183 | 171 | 162 | 153 | 143 | 130 | 112 | 70 | | |
| SP-M30A-17 | 15 | 20.0 | 1906 | 143 | 39 | | | 194 | 180 | 171 | 161 | 151 | 137 | 118 | 74 | | |
| SP-M30A-18 | 18.5 | 25.0 | 2002 | 143 | 41 | | | 207 | 193 | 183 | 173 | 163 | 148 | 129 | 82 | | |
| SP-M30A-19 | 18.5 | 25.0 | 2098 | 143 | 42 | | | 218 | 203 | 193 | 182 | 171 | 156 | 135 | 85 | | |
| SP-M30A-20 | 18.5 | 25.0 | 2194 | 143 | 44 | | | 229 | 213 | 202 | 191 | 179 | 163 | 141 | 89 | | |
| SP-M30A-21 | 18.5 | 25.0 | 2290 | 143 | 46 | | | 240 | 223 | 212 | 200 | 189 | 170 | 147 | 92 | | |
| SP-M30A-22 | 22 | 30.0 | 2386 | 143 | 48 | | | 252 | 235 | 223 | 211 | 198 | 180 | 156 | 99 | | |
| SP-M30A-23 | 22 | 30.0 | 2482 | 143 | 50 | | | 263 | 245 | 233 | 220 | 206 | 188 | 162 | 102 | | |
| SP-M30A-24 | 22 | 30.0 | 2578 | 143 | 52 | | | 274 | 255 | 242 | 228 | 214 | 195 | 168 | 105 | | |
| SP-M30A-25 | 22 | 30.0 | 2674 | 143 | 54 | | | 285 | 265 | 251 | 237 | 221 | 201 | 174 | 108 | | |
| SP-M30A-26 | 22 | 30.0 | 2770 | 143 | 56 | | | 296 | 275 | 260 | 245 | 229 | 208 | 179 | 111 | | |



Submersible Motor Type SM150, Pump Outlet 3"

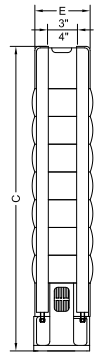
Hydraulic Performance Curve



Mixed flow SP-M46A

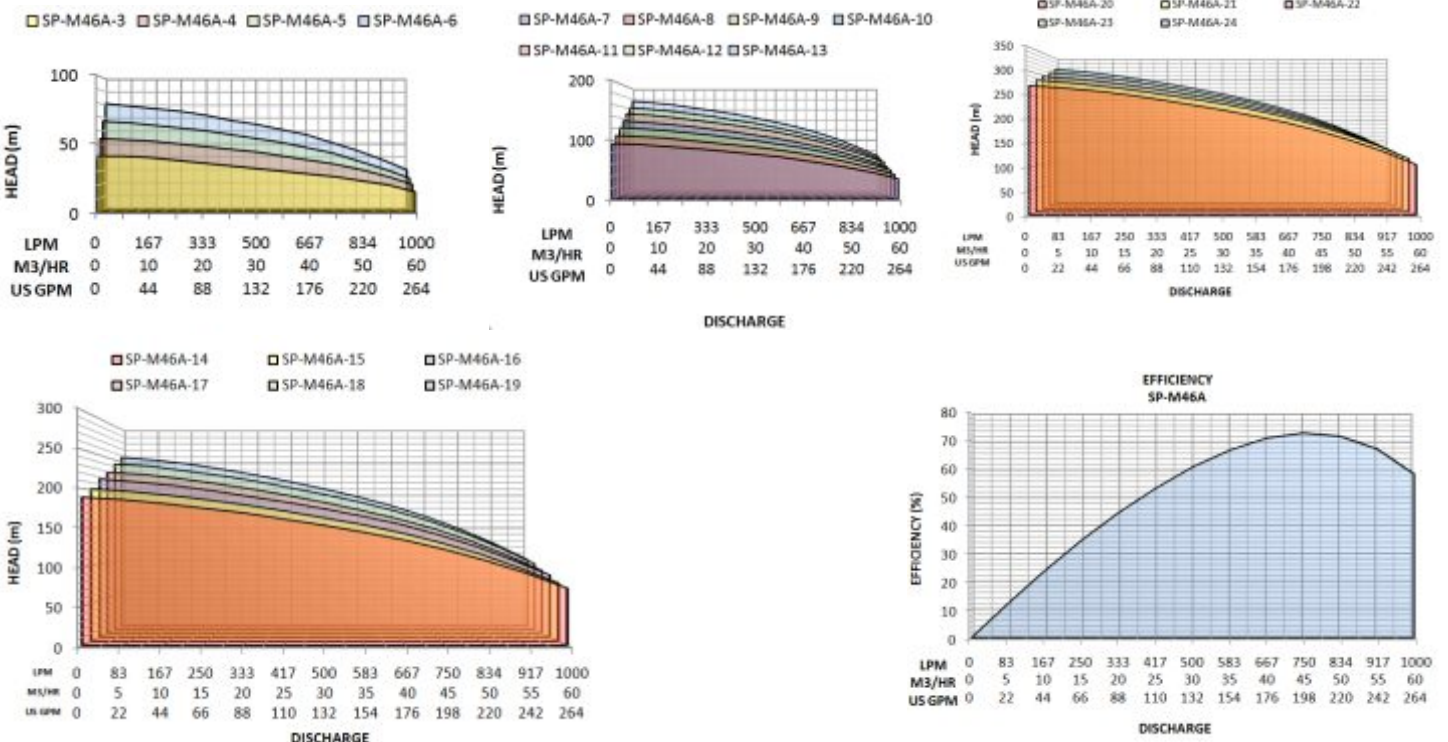
Hydraulic Pump Performance Chart

| Model | Power | | C | E | Pump Weight (Kg) | Q | H Meters | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------|------|------|-----|------------------|---|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|----|----|----|-----|----|----|----|----|----|----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | KW | HP | | | | | US GPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 0 | 66 | 88 | 110 | 132 | 154 | 176 | 198 | 220 | 242 | 264 | M ³ /H | | | | LPM | | | | | | | | | | | | | | | | | |
| SP-M46A-3 | 5.5 | 7.5 | 616 | 150 | 11 | | 41 | 38 | 36 | 34 | 32 | 30 | 28 | 26 | 23 | 20 | 15 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-4 | 7.5 | 10.0 | 729 | 150 | 13 | | 54 | 50 | 48 | 46 | 44 | 41 | 38 | 35 | 31 | 26 | 20 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-5 | 7.5 | 10.0 | 842 | 150 | 15 | | 67 | 62 | 60 | 57 | 54 | 51 | 47 | 43 | 37 | 31 | 24 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-6 | 9.3 | 12.5 | 955 | 150 | 18 | | 81 | 75 | 72 | 68 | 65 | 61 | 57 | 51 | 45 | 38 | 30 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-7 | 11 | 15.0 | 1068 | 150 | 20 | | 94 | 87 | 84 | 80 | 76 | 72 | 66 | 60 | 53 | 45 | 35 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-8 | 13 | 17.5 | 1181 | 150 | 22 | | 108 | 100 | 96 | 92 | 88 | 83 | 77 | 70 | 62 | 52 | 41 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-9 | 15 | 20.0 | 1294 | 150 | 24 | | 122 | 113 | 109 | 104 | 99 | 93 | 87 | 79 | 70 | 59 | 47 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-10 | 15 | 20.0 | 1407 | 150 | 27 | | 135 | 125 | 120 | 115 | 109 | 103 | 95 | 87 | 77 | 65 | 51 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-11 | 18.5 | 25.0 | 1520 | 150 | 29 | | 149 | 138 | 133 | 128 | 122 | 115 | 107 | 97 | 86 | 73 | 59 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-12 | 18.5 | 25.0 | 1633 | 150 | 31 | | 162 | 150 | 145 | 138 | 132 | 124 | 115 | 105 | 93 | 79 | 63 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-13 | 22 | 30.0 | 1746 | 150 | 34 | | 176 | 163 | 157 | 151 | 143 | 135 | 126 | 115 | 102 | 86 | 69 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-14 | 22 | 30.0 | 1859 | 150 | 36 | | 189 | 175 | 169 | 161 | 153 | 144 | 134 | 122 | 108 | 92 | 73 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-15 | 22 | 30.0 | 1972 | 150 | 38 | | 202 | 187 | 180 | 172 | 163 | 154 | 143 | 130 | 115 | 97 | 77 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-16 | 26 | 35.0 | 2085 | 150 | 41 | | 217 | 201 | 193 | 185 | 176 | 166 | 155 | 141 | 125 | 106 | 85 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-17 | 26 | 35.0 | 2198 | 150 | 43 | | 229 | 213 | 205 | 196 | 186 | 175 | 163 | 149 | 132 | 112 | 89 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-18 | 30 | 40.0 | 2311 | 150 | 45 | | 244 | 227 | 219 | 209 | 199 | 188 | 175 | 160 | 142 | 121 | 97 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-19 | 30 | 40.0 | 2424 | 150 | 47 | | 257 | 239 | 230 | 220 | 209 | 197 | 183 | 167 | 148 | 126 | 101 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-20 | 30 | 40.0 | 2537 | 150 | 50 | | 270 | 251 | 241 | 230 | 219 | 206 | 192 | 175 | 155 | 132 | 105 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-21 | 37 | 50.0 | 2650 | 150 | 52 | | 285 | 265 | 255 | 245 | 234 | 221 | 206 | 188 | 167 | 143 | 115 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-22 | 37 | 50.0 | 2763 | 150 | 54 | | 298 | 277 | 267 | 256 | 244 | 230 | 215 | 196 | 174 | 148 | 119 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-23 | 37 | 50.0 | 2876 | 150 | 57 | | 311 | 289 | 278 | 267 | 254 | 240 | 223 | 204 | 181 | 154 | 124 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |
| SP-M46A-24 | 37 | 50.0 | 2989 | 150 | 59 | | 324 | 300 | 289 | 277 | 264 | 249 | 232 | 212 | 188 | 160 | 128 | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 0 | 250 | 333 | 417 | 500 | 583 | 667 | 750 | 834 | 917 | 1000 |



Submersible Motor Type SM150, Pump Outlet 3" and 4"

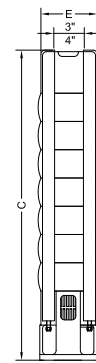
Hydraulic Performance Curve



Mixed flow SP-M60A

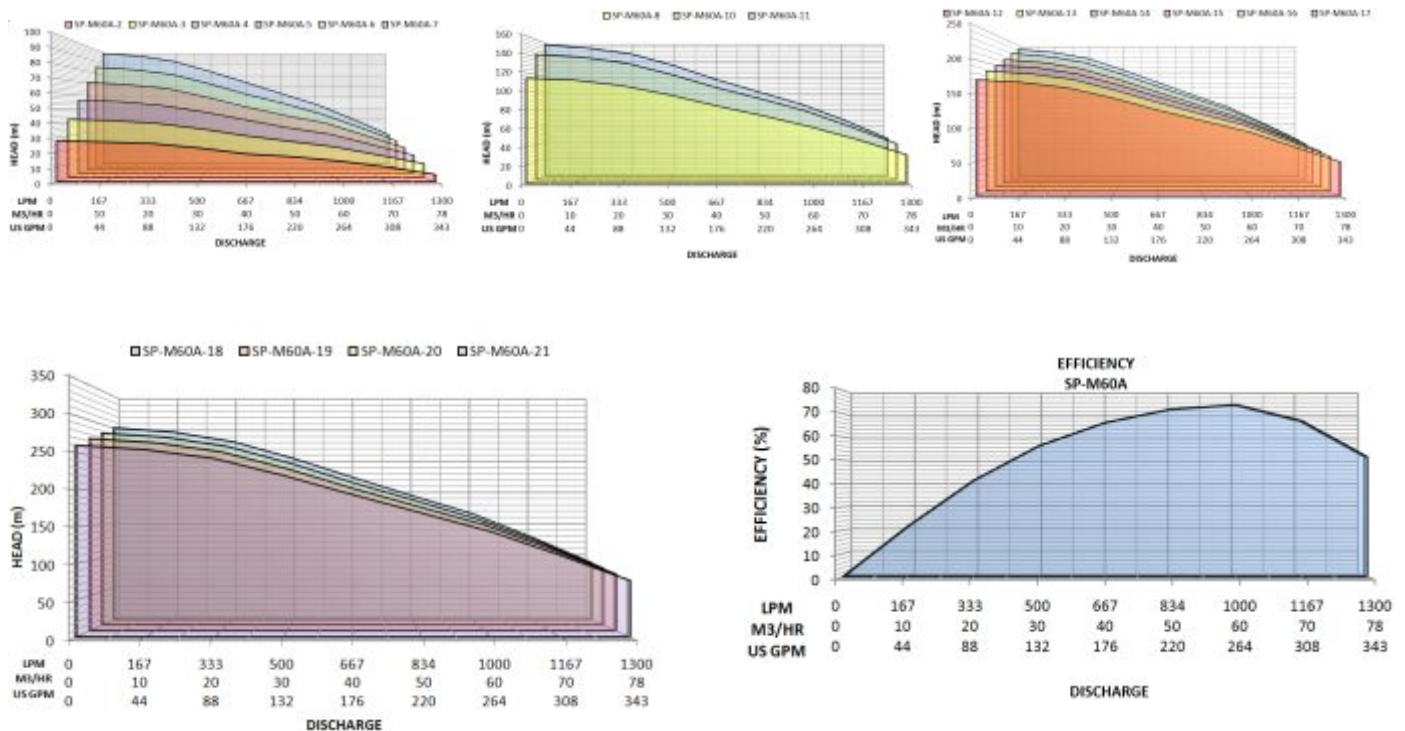
Hydraulic Pump Performance Chart

| Model | Power | | C | E | Pump Weight (Kg) | Q | H Meters | | | | | | | | |
|------------|-------|------|------|-----|------------------|------|-------------------|------|-----|-----|-----|-----|-----|-----|-----|
| | KW | HP | | | | | US GPM | 0 | 88 | 132 | 176 | 220 | 264 | 308 | 343 |
| | | | | | | | M ³ /H | 0 | 20 | 30 | 40 | 50 | 60 | 70 | 78 |
| LPM | 0 | 333 | 500 | 667 | 834 | 1000 | 1167 | 1300 | | | | | | | |
| SP-M60A-2 | 4 | 5.5 | 503 | 150 | 9 | | 28 | 26 | 23 | 19 | 17 | 14 | 10 | 5 | |
| SP-M60A-3 | 5.5 | 7.5 | 616 | 150 | 11 | | 42 | 39 | 35 | 30 | 26 | 22 | 16 | 10 | |
| SP-M60A-4 | 7.5 | 10.0 | 729 | 150 | 13 | | 56 | 52 | 47 | 41 | 35 | 30 | 22 | 14 | |
| SP-M60A-5 | 9.3 | 12.5 | 842 | 150 | 15 | | 71 | 66 | 59 | 51 | 44 | 38 | 28 | 18 | |
| SP-M60A-6 | 11 | 15.0 | 955 | 150 | 17 | | 85 | 79 | 71 | 62 | 54 | 45 | 34 | 22 | |
| SP-M60A-7 | 13 | 17.5 | 1068 | 150 | 20 | | 99 | 92 | 83 | 73 | 63 | 53 | 40 | 26 | |
| SP-M60A-8 | 15 | 20.0 | 1181 | 150 | 22 | | 114 | 106 | 96 | 84 | 73 | 61 | 47 | 31 | |
| SP-M60A-10 | 18.5 | 25.0 | 1407 | 150 | 26 | | 143 | 133 | 120 | 105 | 92 | 78 | 60 | 41 | |
| SP-M60A-11 | 22 | 30.0 | 1520 | 150 | 29 | | 158 | 147 | 133 | 116 | 101 | 86 | 67 | 45 | |
| SP-M60A-12 | 22 | 30.0 | 1633 | 150 | 31 | | 171 | 159 | 144 | 126 | 110 | 94 | 72 | 50 | |
| SP-M60A-13 | 26 | 35.0 | 1746 | 150 | 33 | | 187 | 174 | 157 | 138 | 120 | 103 | 79 | 54 | |
| SP-M60A-14 | 26 | 35.0 | 1859 | 150 | 35 | | 200 | 186 | 168 | 148 | 129 | 110 | 85 | 58 | |
| SP-M60A-15 | 26 | 35.0 | 1972 | 150 | 38 | | 214 | 198 | 179 | 157 | 136 | 116 | 89 | 60 | |
| SP-M60A-16 | 30 | 40.0 | 2085 | 150 | 40 | | 230 | 213 | 192 | 169 | 147 | 125 | 96 | 65 | |
| SP-M60A-17 | 30 | 40.0 | 2198 | 150 | 42 | | 243 | 225 | 203 | 179 | 155 | 132 | 101 | 69 | |
| SP-M60A-18 | 37 | 50.0 | 2339 | 150 | 44 | | 260 | 242 | 219 | 193 | 168 | 143 | 111 | 77 | |
| SP-M60A-19 | 37 | 50.0 | 2452 | 150 | 47 | | 274 | 255 | 231 | 203 | 177 | 151 | 117 | 81 | |
| SP-M60A-20 | 37 | 50.0 | 2565 | 150 | 49 | | 287 | 267 | 242 | 213 | 186 | 158 | 123 | 85 | |
| SP-M60A-21 | 37 | 50.0 | 2678 | 150 | 51 | | 301 | 279 | 253 | 223 | 194 | 166 | 129 | 89 | |



Submersible Motor Type SM150, Pump Outlet 3" & 4"

Hydraulic Performance Curve



8" Submersible Pump Stainless Steel

Applications

- Domestic and community water supply
- Irrigation in horticulture and agriculture
- Irrigation including drip and sprinkler application
- Booster application
- Civil and industrial application
- Fire fighting application

Specifications

- Water temperature : up to 35°C
- Minimum internal diameter of well: 8" Ø200mm.
- Power : 5.5 to 93Kw
- Capacity : up to 122m³ /h
- Head : up to 423m
- Max. sand quality in to the water : 50g/m³
- PH: 6.5 – 8.0

Feature and benefits

- Pump sizes for connecting to motor according to NEMA standards.
- Delivery Casing with built-in non return valve for stop coming back water.
- Manufactured from corrosion resistant materials for long life impellers, diffuser, and Delivery Casing are S.S.AISI-304.
- Specific impeller material selection ensures optimal performance in sandy bores.
- This type models feature independently floating centrifugal impellers to provide easy starting and long life-automatically
- adjusting to match pumping conditions for various application.
- High quality shaft bearings providing low friction and high wear resistance.
- Strong stainless steel drive shaft ensures positive impeller drive and longer life.

Models

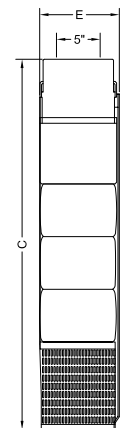
- Mixed flow SP-M77A, SP-M95A



Mixed flow SP-M77A

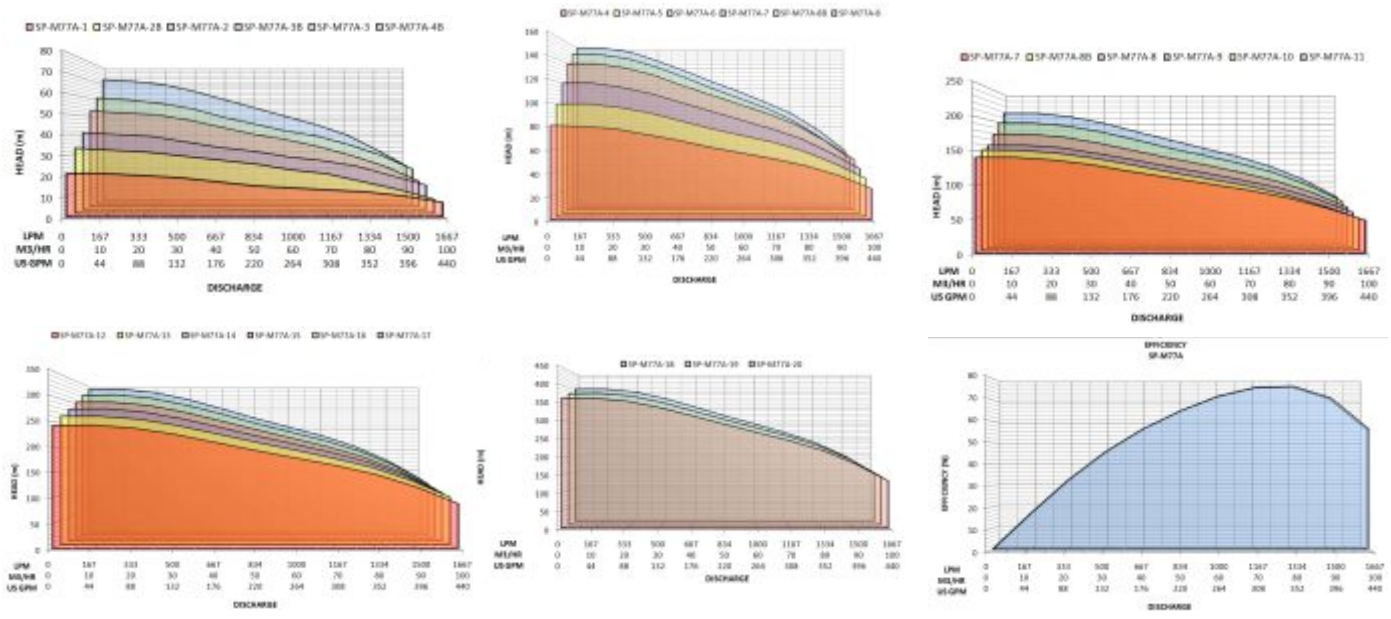
Hydraulic Pump Performance Chart

| Model | Power | | C | E | Pump Weight (Kg) | Q | | | | | | | | | | | |
|------------|-------|-------|------|-----|------------------|--------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| | KW | HP | | | | US GPM | 0 | 44 | 88 | 132 | 176 | 220 | 264 | 308 | 352 | 396 | 440 |
| | | | | | | M3/H | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| | | | | | | LPM | 0 | 167 | 333 | 500 | 667 | 834 | 1000 | 1167 | 1334 | 1500 | 1667 |
| SP-M77A-1 | 5.5 | 7.5 | 619 | 178 | 21 | | 21 | 21 | 20 | 19 | 17 | 15 | 14 | 13 | 12 | 10 | 7 |
| SP-M77A-2B | 5.5 | 7.5 | 747 | 178 | 24 | | 33 | 32 | 31 | 29 | 27 | 25 | 22 | 20 | 16 | 12 | 7 |
| SP-M77A-2 | 7.5 | 10.0 | 747 | 178 | 24 | | 41 | 40 | 39 | 36 | 33 | 31 | 28 | 26 | 23 | 18 | 13 |
| SP-M77A-3B | 9.3 | 12.5 | 875 | 178 | 28 | | 53 | 52 | 51 | 48 | 44 | 40 | 37 | 33 | 28 | 22 | 14 |
| SP-M77A-3 | 11 | 15.0 | 875 | 178 | 28 | | 61 | 60 | 58 | 55 | 50 | 46 | 42 | 39 | 34 | 28 | 20 |
| SP-M77A-4B | 13 | 17.5 | 1003 | 178 | 31 | | 73 | 72 | 70 | 66 | 61 | 56 | 51 | 46 | 40 | 31 | 21 |
| SP-M77A-4 | 15 | 20.0 | 1003 | 178 | 31 | | 81 | 80 | 78 | 73 | 68 | 62 | 57 | 52 | 46 | 38 | 27 |
| SP-M77A-5 | 18.5 | 25.0 | 1131 | 178 | 35 | | 100 | 100 | 97 | 92 | 85 | 78 | 72 | 66 | 58 | 47 | 34 |
| SP-M77A-6 | 22 | 30.0 | 1259 | 178 | 38 | | 120 | 120 | 116 | 110 | 102 | 94 | 86 | 78 | 69 | 56 | 41 |
| SP-M77A-7 | 26 | 35.0 | 1387 | 178 | 42 | | 140 | 140 | 136 | 129 | 119 | 110 | 101 | 92 | 81 | 66 | 48 |
| SP-M77A-8B | 26 | 35.0 | 1515 | 178 | 46 | | 152 | 151 | 147 | 139 | 129 | 118 | 108 | 98 | 85 | 68 | 48 |
| SP-M77A-8 | 30 | 40.0 | 1515 | 178 | 46 | | 160 | 160 | 156 | 147 | 137 | 126 | 116 | 105 | 93 | 76 | 55 |
| SP-M77A-9 | 30 | 40.0 | 1643 | 178 | 49 | | 179 | 179 | 174 | 164 | 152 | 140 | 129 | 117 | 103 | 85 | 61 |
| SP-M77A-10 | 37 | 50.0 | 1785 | 178 | 53 | | 199 | 199 | 194 | 184 | 171 | 157 | 145 | 132 | 117 | 96 | 69 |
| SP-M77A-11 | 37 | 50.0 | 1913 | 178 | 57 | | 218 | 218 | 212 | 201 | 186 | 172 | 158 | 144 | 127 | 104 | 74 |
| SP-M77A-12 | 45 | 60.0 | 2041 | 200 | 60 | | 242 | 243 | 237 | 225 | 209 | 193 | 178 | 163 | 145 | 120 | 88 |
| SP-M77A-13 | 55 | 75.0 | 2169 | 200 | 64 | | 264 | 264 | 258 | 245 | 228 | 211 | 195 | 178 | 159 | 132 | 98 |
| SP-M77A-14 | 55 | 75.0 | 2297 | 200 | 68 | | 283 | 284 | 277 | 263 | 245 | 226 | 209 | 191 | 170 | 141 | 104 |
| SP-M77A-15 | 55 | 75.0 | 2425 | 200 | 71 | | 303 | 303 | 296 | 281 | 262 | 242 | 223 | 204 | 181 | 150 | 110 |
| SP-M77A-16 | 63 | 85.0 | 2553 | 200 | 75 | | 324 | 325 | 317 | 301 | 281 | 259 | 239 | 219 | 195 | 162 | 119 |
| SP-M77A-17 | 63 | 85.0 | 2681 | 200 | 78 | | 343 | 344 | 336 | 319 | 297 | 274 | 253 | 232 | 206 | 171 | 126 |
| SP-M77A-18 | 63 | 85.0 | 2809 | 200 | 82 | | 363 | 363 | 355 | 337 | 314 | 290 | 267 | 244 | 217 | 180 | 132 |
| SP-M77A-19 | 75 | 100.0 | 2937 | 200 | 85 | | 383 | 384 | 376 | 357 | 332 | 307 | 283 | 259 | 230 | 191 | 140 |
| SP-M77A-20 | 75 | 100.0 | 3065 | 200 | 89 | | 404 | 404 | 395 | 375 | 349 | 322 | 297 | 271 | 241 | 200 | 146 |



Submersible Motor Type SP-M77A-1 to SP-M77A-11 for SM150, SP-M77A-12 to SP-M77A-20 for SM200, Pump Outlet 5"

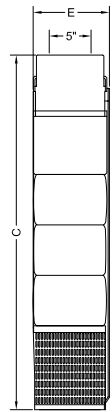
Hydraulic Performance Curve



Mixed flow SP-M95A

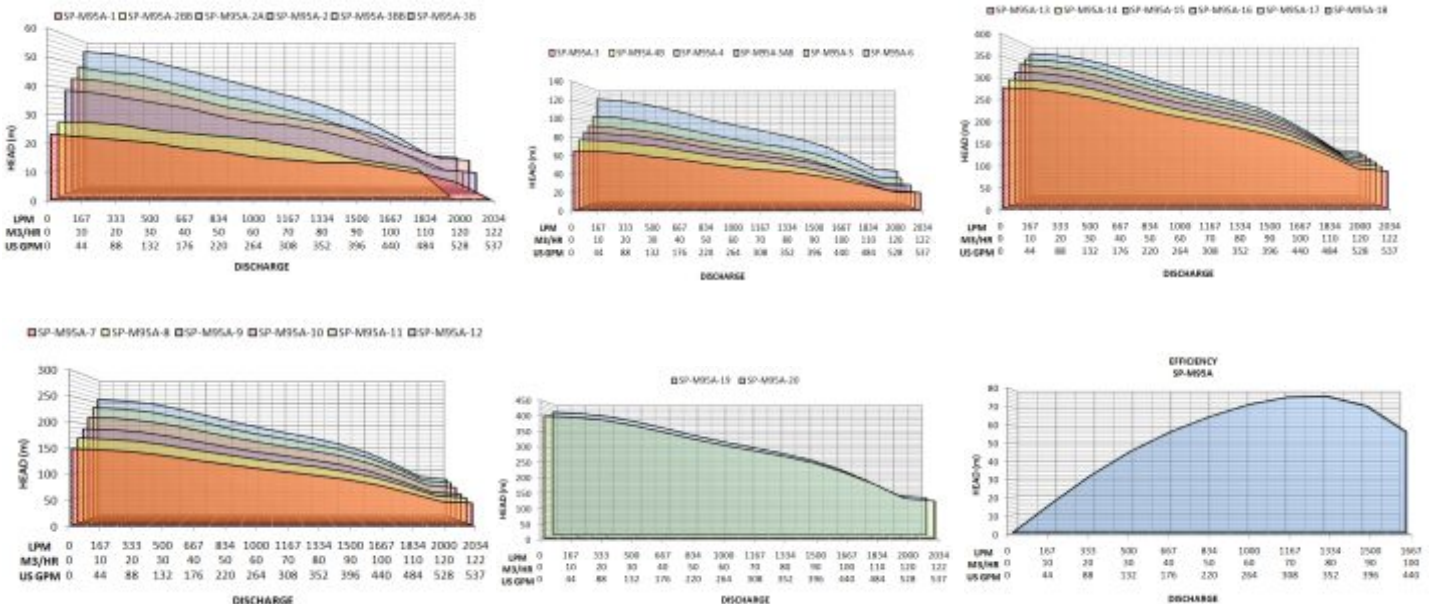
Hydraulic Pump Performance Chart

| Model | Power | | C | E | Pump Weight (Kg) | Q | H Meters | | | | | | | | | | | | | | | |
|-------------|-------|-------|------|-----|------------------|---|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| | KW | HP | | | | | US GPM | | | | | | | | | | | | | | | |
| | | | | | | | 0 | 132 | 176 | 220 | 264 | 308 | 352 | 396 | 440 | 484 | 528 | 537 | | | | |
| | | | | | | | M ³ /H | | | | | | | | | | | | | | | |
| | | | | | | | LPM | | | | | | | | | | | | | | | |
| SP-M95A-1 | 5.5 | 7.5 | 619 | 178 | 21 | | 23 | 20 | 18 | 17 | 15 | 14 | 13 | 13 | 11 | 9 | 6 | 0 | | | | |
| SP-M95A-2BB | 5.5 | 7.5 | 747 | 178 | 24 | | 27 | 24 | 23 | 22 | 21 | 19 | 17 | 14 | 12 | 10 | 0 | 0 | | | | |
| SP-M95A-2A | 7.5 | 10.0 | 747 | 178 | 24 | | 39 | 34 | 32 | 29 | 27 | 26 | 24 | 21 | 18 | 14 | 9 | 8 | | | | |
| SP-M95A-2 | 9.3 | 12.5 | 747 | 178 | 24 | | 44 | 39 | 36 | 33 | 31 | 29 | 27 | 25 | 22 | 17 | 13 | 12 | | | | |
| SP-M95A-3BB | 9.3 | 12.5 | 875 | 178 | 28 | | 49 | 43 | 40 | 37 | 35 | 32 | 29 | 25 | 20 | 14 | 8 | 7 | | | | |
| SP-M95A-3B | 11 | 15.0 | 875 | 178 | 28 | | 56 | 50 | 47 | 44 | 41 | 38 | 35 | 31 | 26 | 20 | 13 | 12 | | | | |
| SP-M95A-3 | 13 | 17.5 | 875 | 178 | 28 | | 65 | 58 | 55 | 51 | 47 | 44 | 42 | 38 | 33 | 27 | 20 | 19 | | | | |
| SP-M95A-4B | 15 | 20.0 | 1003 | 178 | 31 | | 77 | 70 | 65 | 60 | 56 | 53 | 49 | 44 | 37 | 29 | 20 | 18 | | | | |
| SP-M95A-4 | 18.5 | 25.0 | 1003 | 178 | 31 | | 86 | 78 | 73 | 67 | 63 | 59 | 55 | 51 | 44 | 36 | 26 | 25 | | | | |
| SP-M95A-5AB | 18.5 | 25.0 | 1131 | 178 | 35 | | 94 | 85 | 79 | 74 | 69 | 65 | 60 | 54 | 45 | 35 | 24 | 22 | | | | |
| SP-M95A-5 | 22 | 30.0 | 1131 | 178 | 35 | | 106 | 96 | 90 | 84 | 78 | 73 | 69 | 63 | 55 | 44 | 32 | 30 | | | | |
| SP-M95A-6 | 26 | 35.0 | 1259 | 178 | 38 | | 129 | 117 | 110 | 102 | 96 | 90 | 84 | 77 | 68 | 55 | 41 | 38 | | | | |
| SP-M95A-7 | 30 | 40.0 | 1387 | 178 | 42 | | 148 | 135 | 126 | 118 | 110 | 103 | 96 | 88 | 77 | 62 | 46 | 43 | | | | |
| SP-M95A-8 | 37 | 50.0 | 1529 | 178 | 46 | | 170 | 155 | 145 | 136 | 127 | 119 | 112 | 102 | 90 | 73 | 54 | 50 | | | | |
| SP-M95A-9 | 37 | 50.0 | 1657 | 178 | 49 | | 189 | 173 | 162 | 151 | 141 | 133 | 124 | 114 | 99 | 80 | 59 | 55 | | | | |
| SP-M95A-10 | 45 | 60.0 | 1785 | 196 | 53 | | 214 | 197 | 185 | 173 | 162 | 152 | 143 | 132 | 116 | 95 | 71 | 66 | | | | |
| SP-M95A-11 | 55 | 75.0 | 1913 | 196 | 56 | | 237 | 217 | 205 | 191 | 179 | 169 | 158 | 146 | 129 | 106 | 79 | 74 | | | | |
| SP-M95A-12 | 55 | 75.0 | 2041 | 196 | 60 | | 257 | 236 | 222 | 208 | 195 | 183 | 172 | 158 | 140 | 115 | 86 | 80 | | | | |
| SP-M95A-13 | 55 | 75.0 | 2169 | 196 | 63 | | 278 | 255 | 240 | 224 | 210 | 198 | 185 | 170 | 150 | 123 | 92 | 86 | | | | |
| SP-M95A-14 | 63 | 85.0 | 2297 | 196 | 67 | | 300 | 276 | 259 | 243 | 227 | 214 | 201 | 185 | 163 | 134 | 100 | 93 | | | | |
| SP-M95A-15 | 75 | 100.0 | 2425 | 196 | 71 | | 321 | 296 | 278 | 260 | 244 | 230 | 215 | 198 | 175 | 144 | 107 | 100 | | | | |
| SP-M95A-16 | 75 | 100.0 | 2553 | 196 | 74 | | 344 | 314 | 296 | 277 | 259 | 244 | 229 | 211 | 186 | 152 | 114 | 106 | | | | |
| SP-M95A-17 | 75 | 100.0 | 2681 | 196 | 78 | | 362 | 333 | 313 | 293 | 275 | 258 | 242 | 223 | 196 | 160 | 120 | 112 | | | | |
| SP-M95A-18 | 93 | 125.0 | 2809 | 196 | 81 | | 382 | 352 | 331 | 309 | 290 | 272 | 255 | 235 | 206 | 169 | 125 | 117 | | | | |
| SP-M95A-19 | 93 | 125.0 | 2937 | 196 | 85 | | 402 | 370 | 348 | 325 | 305 | 287 | 269 | 247 | 216 | 177 | 131 | 122 | | | | |
| SP-M95A-20 | 93 | 125.0 | 3065 | 196 | 88 | | 423 | 388 | 365 | 341 | 320 | 301 | 281 | 258 | 226 | 184 | 137 | 128 | | | | |



Submersible Motor Type SP-M95A-1 to SP-M95A-9 for SM150, SPM95A-10 to SP-M95A-20 for SM200, Pump Outlet 5

Hydraulic Performance Curve





Worldwide

Prakash Pump

Naroda Road, Ahmedabad-380025. Gujarat, India

Phone : +919925249371 | Email:info@prakashpump.com | www.prakashpump.com

UAE : 00971 50 6731283 | 00971 37222733

Oman : 00968 95690021 | 00968 26883982



Scan QR Code to Get
Quotation by Email



Scan QR Code to Get
Quotation by SMS



Scan QR Code to
Download e-Catalogue

