



ITT

B100-275H

Residential Water Systems

Goulds Pumps

100H, 150H, 225H, 275H

60 Hz High Capacity 6" Submersible Pumps

For 6" and larger wells



Goulds Pumps is a brand of ITT Corporation.

www.goulds.com

Engineered for life

FEATURES

- **Powered for Continuous Operation:** All ratings are within the working limits of the motor manufacturer. Pump can be operated continuously without fear of damage to the motor.
- **Completely Field Serviceable:** Easy to install and service. All parts easily dismantled if field service is ever necessary. No special tools needed. No shipping back to factory.
- **Diverse Application:** Designed for commercial, municipal and agricultural water needs.
- **Bearings:** Replaceable fluted bearings allow excellent abrasives handling and wear resistance.
- **Shaft Sleeves:** Replaceable stainless steel, hex-driven, sleeves help protect shaft from abrasives.
- **Pump Shaft:** Precision straightened hex shaft.
- **Coupling:** Heavy duty stainless steel, splined coupling for maximum load-carrying capability.
- **Bowls:** Cast iron turbine bowl design.
- **Impellers:** Silicon brass impellers dynamically balanced for smooth operation.
- **Suction Strainer:** Stainless steel strainer restricts gravel and other debris from entering the pump.
- **Cable Guard:** Stainless steel cable guard surrounds and protects motor leads.
- **Fasteners:** All fasteners are stainless steel.
- **NEMA Design Motors:** Stainless steel and epoxy coated end bells resist corrosion. Water filled design provides a constant supply of lubrication. Hermetically sealed stator assures moisture free windings. Durable Kingsbury type thrust bearing absorbs all thrust. Replaceable motor lead assembly.



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GOULDS PUMPS Residential Water Systems

SPECIFICATIONS

| Model | Horsepower Range | Discharge Connection | Recommended GPM Operating Range | GPM at Best Efficiency | Minimum Well Size | Rotation ^① |
|-------|------------------|----------------------|---------------------------------|------------------------|-------------------|-----------------------|
| 100H | 5 – 25 | 3" NPT | 45 – 160 | 100 | 6" | CCW |
| 150H | 5 – 25 | 3" NPT | 50 – 240 | 150 | 6" | CCW |
| 225H | 5 – 30 | 3" NPT | 80 – 360 | 225 | 6" | CCW |
| 275H | 10 – 25 | 3" NPT | 80 – 440 | 275 | 6" | CW ^② |
| | 30 – 40 | 4" NPT | | | | |

① Rotation when viewed from pump discharge end.

② The 275H has clockwise rotation. It can only be used with three (3) phase motors.

SYSTEM COMPONENTS

■ Pump/Water End:

- 6" Pump.
- 4" Motor Adapter on 3 and 5 HP models.
- 6" Motor Adapter on 7.5 HP and larger models.

■ Motor:

- 4" Motor required for 3 HP and 5 HP pumps.
- 6" Motor required for 7.5 HP and larger pumps.

■ Control Box: Required for all single phase motors.

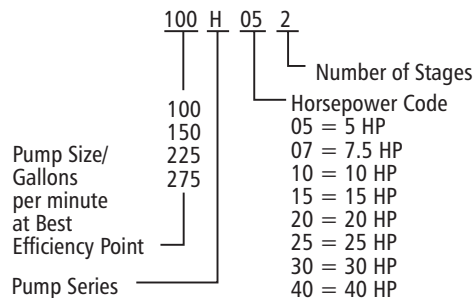
■ Magnetic Starter: A magnetic starter and heaters* are required for all three phase units.

* Requires 3 ambient compensated (K type) quicktrip heaters.

PUMPS, MOTORS AND CONTROLS MUST BE ORDERED SEPARATELY AND ARE PACKAGED SEPARATELY.

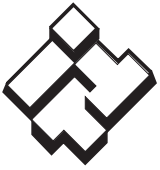
Goulds Pumps is ISO 9001 Registered.

ORDER NUMBER CODE



"H" SERIES MATERIALS OF CONSTRUCTION

| Part Name | Material |
|------------------|-----------------------------------|
| Motor Adapter | Cast Iron ASTM A48 Class 30 |
| Discharge Head | |
| Bowl | |
| Shaft 2–6 Stage | ASTM A276 AISI T304 SS |
| Shaft 7–13 Stage | Monel ASTM B164 |
| Coupling | ASTM A582 AISI T303 SS |
| Spline Protector | Neoprene |
| Suction Screen | ASTM A582 AISI T303 SS |
| Shaft Sleeve | AISI T316 SS Powder Metal |
| Bearing | Viton® |
| Impeller | ASTM B584 C87600 |
| Cotter Pin | ASTM A276 AISI T304 SS |
| Wear Ring | ASTM C90300 |
| Hex Head Bolts | ASTM A582 AISI T303 SS |
| Cable Guard | ASTM A582 AISI T303 SS |
| Lock Washers | ASTM A582 AISI T303 SS |



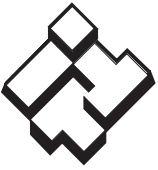
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GOULDS PUMPS Residential Water Systems

WATER END (PUMP) DATA

| Series | Order No. | Stages | Required Motor | | Water End | |
|--------|-----------|--------|----------------|----------|-----------|-------------|
| | | | HP | Diameter | Length | Weight (lb) |
| 100H | 100H05 2 | 2 | 5 | 4" | 18.0 | 51 |
| | 100H07 4 | 4 | 7.5 | 6" | 29.3 | 84 |
| | 100H10 5 | 5 | 10 | 6" | 34.3 | 105 |
| | 100H15 8 | 8 | 15 | 6" | 49.3 | 154 |
| | 100H20 10 | 10 | 20 | 6" | 59.3 | 185 |
| | 100H25 13 | 13 | 25 | 6" | 74.3 | 258 |
| 150H | 150H05 2 | 2 | 5 | 4" | 18.0 | 51 |
| | 150H07 3 | 3 | 7.5 | 6" | 24.3 | 73 |
| | 150H10 4 | 4 | 10 | 6" | 29.3 | 84 |
| | 150H15 6 | 6 | 15 | 6" | 39.3 | 136 |
| | 150H20 8 | 8 | 20 | 6" | 49.3 | 154 |
| | 150H25 10 | 10 | 25 | 6" | 59.3 | 185 |
| 225H | 225H05 2 | 2 | 5 | 4" | 18.0 | 51 |
| | 225H07 2 | 2 | 7.5 | 6" | 18.0 | 51 |
| | 225H10 3 | 3 | 10 | 6" | 24.3 | 73 |
| | 225H15 4 | 4 | 15 | 6" | 29.3 | 84 |
| | 225H20 6 | 6 | 20 | 6" | 39.3 | 136 |
| | 225H25 7 | 7 | 25 | 6" | 44.3 | 139 |
| | 225H30 8 | 8 | 30 | 6" | 49.3 | 154 |
| | 225H30 9 | 9 | 30 | 6" | 54.3 | 172 |
| | 225H30 9 | 9 | 30 | 6" | 54.3 | 172 |
| 275H * | 275H10 2 | 2 | 10 | 6" | 19.3 | 51 |
| | 275H15 3 | 3 | 15 | 6" | 24.3 | 73 |
| | 275H20 4 | 4 | 20 | 6" | 29.3 | 84 |
| | 275H25 5 | 5 | 25 | 6" | 34.3 | 105 |
| | 275H30 6 | 6 | 30 | 6" | 39.3 | 136 |
| | 275H30 7 | 7 | 30 | 6" | 44.3 | 139 |
| | 275H40 8 | 8 | 40 | 6" | 49.3 | 154 |
| | 275H40 9 | 9 | 40 | 6" | 54.3 | 172 |

* The 275H rotates Clockwise when viewed from the the top of the pump, therefore, it may only be used with three-phase motors running clockwise. Single-phase motors rotate CCW.



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GOULDS PUMPS Residential Water Systems

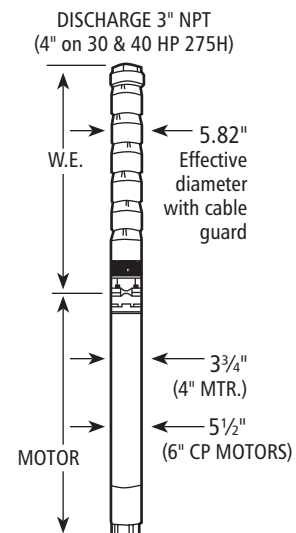
WATER END (PUMP) DATA

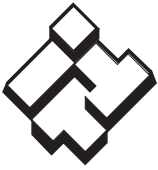
NOTE: 4" Diameter motors are required for 3 and 5 HP "L" Series pumps
6" Diameter motors are required for 7.5 HP and larger "L" Series pumps.

CentriPro Motors

| Single Phase Motors – Dimensions and Weights | | | | | |
|--|-----|----------------|-------|-----------------|--------------|
| Motor Order No. | HP | Motor Diameter | Volts | Length (inches) | Weight (lbs) |
| M50412 | 5 | 4" | 230 | 27.7 | 70 |
| 6M071 | 7.5 | 6" | 230 | 29.9 | 128 |
| 6M101 | 10 | | | | |
| 6M151 | 15 | | | | |
| Three Phase Motors – Dimensions and Weights | | | | | |
| M50432 | 5 | 4" | 230 | 21.7 | 55 |
| M50434 | | | 460 | | |
| 6M072 | 7.5 | 6" | 230 | 24.8 | 99 |
| 6M074 | | | 460 | | |
| 6M102 | 10 | 6" | 230 | 27.0 | 110 |
| 6M104 | | | 460 | | |
| 6M152 | 15 | 6" | 230 | 29.9 | 128 |
| 6M154 | | | 460 | | |
| 6M202 | 20 | 6" | 230 | 31.5 | 137 |
| 6M204 | | | 460 | | |
| 6M252 | 25 | 6" | 230 | 36.2 | 161 |
| 6M254 | | | 460 | | |
| 6M302 | 30 | 6" | 230 | 38.2 | 176 |
| 6M304 | | | 460 | | |
| 6M404 | 40 | 6" | 460 | 40.6 | 187 |

• 200V, 6" motors are now offered, call for availability





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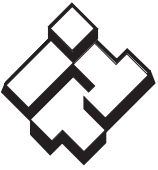
GOULDS PUMPS Residential Water Systems

Model 100H

SELECTION CHART

Horsepower Range 5 – 25, Recommended Range 45 – 160 GPM, 60 Hz, 3450 RPM

| Pump Model | Depth to Water in Feet/Ratings in GPM (Gallons per Minute) | | | | | | | | | | | | | | | | | | | |
|------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | HP | PSI | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | |
| 100H05 2 2 Stages | 5 | 0 | | 165 | 140 | 115 | 83 | | | | | | | | | | | | | |
| | | 20 | 145 | 119 | 90 | | | | | | | | | | | | | | | |
| | | 30 | 120 | 90 | | | | | | | | | | | | | | | | |
| | | 40 | 95 | | | | | | | | | | | | | | | | | |
| | | 50 | | | | | | | | | | | | | | | | | | |
| | | 60 | | | | | | | | | | | | | | | | | | |
| 100H07 4 4 Stages | 7.5 | 0 | | | | 160 | 150 | 140 | 127 | 112 | 65 | | | | | | | | | |
| | | 20 | | | 153 | 140 | 130 | 113 | 97 | 68 | | | | | | | | | | |
| | | 30 | | 153 | 140 | 130 | 113 | 99 | 70 | | | | | | | | | | | |
| | | 40 | 155 | 143 | 132 | 118 | 103 | 72 | | | | | | | | | | | | |
| | | 50 | 145 | 132 | 118 | 103 | 72 | | | | | | | | | | | | | |
| | | 60 | 133 | 118 | 104 | 78 | | | | | | | | | | | | | | |
| 100H10 5 5 Stages | 10 | 0 | | | | 171 | 164 | 156 | 147 | 138 | 116 | 92 | | | | | | | | |
| | | 20 | | 172 | 165 | 157 | 149 | 140 | 129 | 119 | 95 | 50 | | | | | | | | |
| | | 30 | 172 | 166 | 158 | 150 | 140 | 130 | 119 | 108 | 76 | | | | | | | | | |
| | | 40 | 166 | 158 | 150 | 141 | 131 | 120 | 109 | 96 | 52 | | | | | | | | | |
| | | 50 | 159 | 151 | 141 | 132 | 121 | 110 | 97 | 80 | | | | | | | | | | |
| | | 60 | 151 | 143 | 132 | 122 | 110 | 99 | 81 | 60 | | | | | | | | | | |
| 100H15 8 8 Stages | 15 | 0 | | | | | | | | | 152 | 139 | 127 | 112 | 93 | 68 | | | | |
| | | 20 | | | | | | | 158 | 152 | 140 | 128 | 113 | 95 | 72 | | | | | |
| | | 30 | | | | | | 158 | 152 | 147 | 134 | 120 | 105 | 85 | | | | | | |
| | | 40 | | | | | 158 | 153 | 148 | 142 | 128 | 113 | 97 | 73 | | | | | | |
| | | 50 | | | | 158 | 153 | 148 | 143 | 135 | 122 | 107 | 88 | | | | | | | |
| | | 60 | | 158 | 153 | 148 | 143 | 136 | 129 | 115 | 98 | 73 | | | | | | | | |
| 100H20 10 10 Stages | 20 | 0 | | | | | | 174 | 171 | 163 | 156 | 147 | 137 | 127 | 117 | 90 | | | | |
| | | 20 | | | | 175 | 171 | 168 | 164 | 156 | 148 | 138 | 128 | 117 | 105 | 75 | | | | |
| | | 30 | | | | 175 | 172 | 168 | 165 | 160 | 152 | 143 | 133 | 123 | 112 | 99 | 65 | | | |
| | | 40 | | | 175 | 172 | 169 | 165 | 161 | 157 | 148 | 139 | 129 | 118 | 106 | 92 | 51 | | | |
| | | 50 | | 175 | 172 | 169 | 165 | 161 | 157 | 153 | 144 | 135 | 124 | 113 | 100 | 85 | | | | |
| | | 60 | 175 | 172 | 169 | 165 | 161 | 157 | 153 | 149 | 140 | 130 | 119 | 107 | 93 | 78 | | | | |
| 100H25 13 13 Stages | 25 | 0 | | | | | | | | | 172 | 167 | 161 | 155 | 148 | 140 | 125 | 107 | 86 | |
| | | 20 | | | | | | | 175 | 172 | 167 | 161 | 155 | 148 | 141 | 133 | 117 | 99 | 73 | |
| | | 30 | | | | | | 175 | 172 | 170 | 164 | 158 | 152 | 145 | 137 | 130 | 113 | 94 | 63 | |
| | | 40 | | | | | 175 | 173 | 170 | 168 | 162 | 156 | 149 | 142 | 134 | 126 | 109 | 88 | 52 | |
| | | 50 | | | | 175 | 173 | 170 | 168 | 165 | 159 | 153 | 146 | 138 | 130 | 122 | 105 | 82 | | |
| | | 60 | | | 175 | 173 | 170 | 168 | 165 | 162 | 156 | 150 | 142 | 135 | 126 | 118 | 100 | 75 | | |



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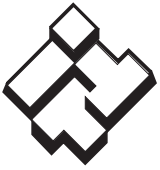
GOULDS PUMPS Residential Water Systems

Model 150H

SELECTION CHART

Horsepower Range 5 – 25, Recommended Range 50 – 240 GPM, 60 Hz, 3450 RPM

| Pump Model | Depth to Water in Feet/Ratings in GPM (Gallons per Minute) | | | | | | | | | | | | | | | | | |
|------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | HP | PSI | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | |
| 150H05 2 2 Stages | 5 | 0 | 254 | 230 | 200 | 164 | 102 | | | | | | | | | | | |
| | | 20 | 206 | 172 | 120 | | | | | | | | | | | | | |
| | | 30 | 174 | 122 | | | | | | | | | | | | | | |
| | | 40 | 126 | | | | | | | | | | | | | | | |
| | | 50 | | | | | | | | | | | | | | | | |
| | | 60 | | | | | | | | | | | | | | | | |
| 150H07 3 3 Stages | 7.5 | 0 | | 250 | 234 | 215 | 192 | 164 | 126 | | | | | | | | | |
| | | 20 | 237 | 220 | 194 | 170 | 130 | 78 | | | | | | | | | | |
| | | 30 | 220 | 197 | 174 | 134 | 78 | | | | | | | | | | | |
| | | 40 | 200 | 174 | 140 | 84 | | | | | | | | | | | | |
| | | 50 | 176 | 142 | 90 | | | | | | | | | | | | | |
| | | 60 | 144 | 100 | | | | | | | | | | | | | | |
| 150H10 4 4 Stages | 10 | 0 | | | 251 | 238 | 223 | 205 | 186 | 163 | 92 | | | | | | | |
| | | 20 | 253 | 240 | 225 | 210 | 190 | 168 | 140 | 104 | | | | | | | | |
| | | 30 | 240 | 226 | 210 | 190 | 170 | 140 | 104 | | | | | | | | | |
| | | 40 | 228 | 212 | 193 | 172 | 146 | 108 | | | | | | | | | | |
| | | 50 | 213 | 193 | 172 | 147 | 111 | | | | | | | | | | | |
| | | 60 | 194 | 176 | 148 | 116 | | | | | | | | | | | | |
| 150H15 6 6 Stages | 15 | 0 | | | | 255 | 246 | 236 | 226 | 216 | 192 | 164 | 122 | | | | | |
| | | 20 | | 257 | 248 | 238 | 228 | 218 | 206 | 194 | 167 | 128 | | | | | | |
| | | 30 | 258 | 248 | 238 | 228 | 218 | 206 | 194 | 181 | 150 | 100 | | | | | | |
| | | 40 | 248 | 240 | 230 | 220 | 208 | 196 | 184 | 168 | 130 | | | | | | | |
| | | 50 | 240 | 230 | 220 | 209 | 196 | 184 | 170 | 154 | 107 | | | | | | | |
| | | 60 | 234 | 220 | 210 | 198 | 185 | 172 | 154 | 136 | 78 | | | | | | | |
| 150H20 8 8 Stages | 20 | 0 | | | | | 259 | 252 | 244 | 237 | 221 | 204 | 183 | 163 | 134 | 95 | | |
| | | 20 | | | 260 | 253 | 246 | 238 | 230 | 223 | 206 | 187 | 166 | 138 | 100 | | | |
| | | 30 | | 260 | 253 | 246 | 239 | 231 | 223 | 214 | 197 | 177 | 154 | 120 | | | | |
| | | 40 | | 254 | 247 | 240 | 232 | 224 | 216 | 208 | 188 | 168 | 140 | 102 | | | | |
| | | 50 | 255 | 247 | 240 | 232 | 224 | 216 | 208 | 199 | 180 | 156 | 125 | 80 | | | | |
| | | 60 | 247 | 240 | 232 | 225 | 216 | 209 | 199 | 190 | 170 | 142 | 106 | | | | | |
| 150H25 10 10 Stages | 25 | 0 | | | | | | 258 | 252 | 240 | 226 | 212 | 198 | 182 | 165 | 113 | | |
| | | 20 | | | | | 259 | 253 | 247 | 240 | 227 | 213 | 199 | 183 | 166 | 144 | 78 | |
| | | 30 | | | | 260 | 253 | 247 | 240 | 234 | 220 | 207 | 192 | 175 | 156 | 132 | 100 | |
| | | 40 | | | 260 | 254 | 247 | 241 | 234 | 228 | 214 | 200 | 184 | 168 | 146 | 118 | | |
| | | 50 | | 260 | 254 | 248 | 242 | 235 | 229 | 222 | 208 | 193 | 177 | 158 | 134 | 104 | | |
| | | 60 | 260 | 254 | 248 | 242 | 235 | 230 | 222 | 216 | 201 | 186 | 169 | 148 | 120 | 84 | | |



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GOULDS PUMPS Residential Water Systems

Model 225H

SELECTION CHART

Horsepower Range 5 – 30, Recommended Range 80 – 360 GPM, 60 Hz, 3450 RPM

| Pump Model | Depth to Water in Feet/Ratings in GPM (Gallons per Minute) | | | | | | | | | | | | | | | | |
|-----------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | HP | PSI | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | |
| 225H05 2 Stages | 5 | 0 | 230 | 282 | 220 | 100 | | | | | | | | | | | |
| | | 20 | 236 | 136 | | | | | | | | | | | | | |
| | | 30 | 140 | | | | | | | | | | | | | | |
| | | 40 | | | | | | | | | | | | | | | |
| | | 50 | | | | | | | | | | | | | | | |
| | | 60 | | | | | | | | | | | | | | | |
| 225H07 2 Stages | 7.5 | 0 | | 320 | 270 | 210 | | | | | | | | | | | |
| | | 20 | 280 | 222 | 120 | | | | | | | | | | | | |
| | | 30 | 226 | 116 | | | | | | | | | | | | | |
| | | 40 | 136 | | | | | | | | | | | | | | |
| | | 50 | | | | | | | | | | | | | | | |
| | | 60 | | | | | | | | | | | | | | | |
| 225H10 3 Stages | 10 | 0 | | 350 | 320 | 285 | 250 | 210 | 140 | | | | | | | | |
| | | 20 | 324 | 292 | 258 | 216 | 154 | | | | | | | | | | |
| | | 30 | 294 | 260 | 220 | 160 | | | | | | | | | | | |
| | | 40 | 262 | 230 | 166 | | | | | | | | | | | | |
| | | 50 | 226 | 174 | | | | | | | | | | | | | |
| | | 60 | 178 | | | | | | | | | | | | | | |
| 225H15 4 Stages | 15 | 0 | | | 334 | 320 | 296 | 272 | 242 | 210 | | | | | | | |
| | | 20 | 350 | 326 | 302 | 276 | 250 | 216 | 276 | | | | | | | | |
| | | 30 | 326 | 302 | 277 | 251 | 220 | 180 | | | | | | | | | |
| | | 40 | 304 | 280 | 252 | 222 | 182 | | | | | | | | | | |
| | | 50 | 282 | 258 | 224 | 186 | | | | | | | | | | | |
| | | 60 | 258 | 226 | 192 | | | | | | | | | | | | |
| 225H20 6 Stages | 20 | 0 | | | | 352 | 336 | 320 | 304 | 287 | 251 | 207 | 130 | | | | |
| | | 20 | | 354 | 340 | 324 | 307 | 290 | 273 | 254 | 212 | 140 | | | | | |
| | | 30 | 355 | 340 | 325 | 308 | 292 | 274 | 254 | 236 | 184 | | | | | | |
| | | 40 | 341 | 326 | 309 | 293 | 275 | 257 | 236 | 215 | 148 | | | | | | |
| | | 50 | 326 | 310 | 294 | 276 | 258 | 238 | 216 | 190 | | | | | | | |
| | | 60 | 312 | 295 | 278 | 260 | 240 | 220 | 194 | 156 | | | | | | | |
| 225H25 7 Stages | 25 | 0 | | | | 360 | 348 | 334 | 320 | 306 | 277 | 245 | 208 | 150 | | | |
| | | 20 | | | 350 | 336 | 322 | 308 | 294 | 280 | 248 | 212 | 158 | | | | |
| | | 30 | | 351 | 327 | 324 | 310 | 296 | 281 | 264 | 232 | 190 | 110 | | | | |
| | | 40 | 350 | 340 | 324 | 311 | 296 | 282 | 266 | 250 | 212 | 164 | 116 | | | | |
| | | 50 | 340 | 324 | 312 | 296 | 282 | 266 | 252 | 234 | 196 | 120 | | | | | |
| | | 60 | 327 | 312 | 298 | 284 | 269 | 252 | 236 | 218 | 168 | | | | | | |
| 225H30 8 Stages | 30 | 0 | | | | | 356 | 344 | 332 | 320 | 296 | 270 | 242 | 208 | 162 | | |
| | | 20 | | | 358 | 346 | 334 | 322 | 310 | 300 | 272 | 244 | 212 | 168 | | | |
| | | 30 | | 358 | 347 | 335 | 323 | 311 | 300 | 286 | 260 | 230 | 194 | 131 | | | |
| | | 40 | 360 | 348 | 336 | 324 | 312 | 300 | 287 | 274 | 246 | 214 | 172 | | | | |
| | | 50 | 349 | 337 | 326 | 313 | 301 | 288 | 275 | 262 | 232 | 197 | 140 | | | | |
| | | 60 | 338 | 326 | 314 | 302 | 290 | 276 | 262 | 248 | 218 | 176 | | | | | |
| 225H30 9 Stages | 30 | 0 | | | | | | 352 | 342 | 332 | 311 | 289 | 265 | 240 | 209 | 167 | |
| | | 20 | | | | 354 | 344 | 334 | 324 | 313 | 291 | 268 | 242 | 212 | 172 | 92 | |
| | | 30 | | | 354 | 344 | 334 | 324 | 313 | 302 | 280 | 256 | 228 | 194 | 144 | | |
| | | 40 | | 356 | 346 | 336 | 325 | 314 | 303 | 292 | 269 | 244 | 214 | 176 | 102 | | |
| | | 50 | 356 | 346 | 336 | 326 | 315 | 304 | 294 | 282 | 258 | 230 | 198 | 150 | | | |
| | | 60 | 347 | 337 | 326 | 316 | 306 | 294 | 282 | 270 | 244 | 216 | 178 | 110 | | | |



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GOULDS PUMPS Residential Water Systems

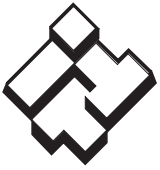
Model 275H

SELECTION CHART

Horsepower Range 10 – 40, Recommended Range 80 – 440 GPM, 60 Hz, 3450 RPM

| Pump Model | Depth to Water in Feet/Ratings in GPM (Gallons per Minute) | | | | | | | | | | | | | | | | | |
|----------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | HP | PSI | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | | |
| 275H10 2 2 Stages | 10 | 0 | | 425 | 356 | 255 | 108 | | | | | | | | | | | |
| | | 20 | 370 | 283 | 135 | | | | | | | | | | | | | |
| | | 30 | 293 | 140 | | | | | | | | | | | | | | |
| | | 40 | 145 | | | | | | | | | | | | | | | |
| | | 50 | | | | | | | | | | | | | | | | |
| | | 60 | | | | | | | | | | | | | | | | |
| 275H15 3 3 Stages | 15 | 0 | | | 416 | 375 | 325 | 248 | 140 | | | | | | | | | |
| | | 20 | 423 | 383 | 335 | 268 | 158 | | | | | | | | | | | |
| | | 30 | 385 | 338 | 270 | 160 | | | | | | | | | | | | |
| | | 40 | 343 | 283 | 170 | | | | | | | | | | | | | |
| | | 50 | 288 | 175 | | | | | | | | | | | | | | |
| | | 60 | 178 | | | | | | | | | | | | | | | |
| 275H20 4 4 Stages | 20 | 0 | | | | 419 | 385 | 350 | 308 | 248 | 78 | | | | | | | |
| | | 20 | | 435 | 393 | 355 | 315 | 263 | 180 | 96 | | | | | | | | |
| | | 30 | 425 | 392 | 356 | 315 | 263 | 183 | 103 | | | | | | | | | |
| | | 40 | 395 | 363 | 323 | 273 | 185 | 118 | | | | | | | | | | |
| | | 50 | 363 | 326 | 275 | 195 | 120 | | | | | | | | | | | |
| | | 60 | 325 | 268 | 200 | 123 | | | | | | | | | | | | |
| 275H25 5 5 Stages | 25 | 0 | | | | 448 | 423 | 398 | 370 | 338 | 250 | 115 | | | | | | |
| | | 20 | | 448 | 433 | 403 | 375 | 343 | 310 | 265 | 130 | | | | | | | |
| | | 30 | 450 | 428 | 405 | 376 | 345 | 313 | 267 | 195 | | | | | | | | |
| | | 40 | 430 | 407 | 378 | 345 | 313 | 267 | 196 | | | | | | | | | |
| | | 50 | 410 | 380 | 345 | 313 | 268 | 203 | | | | | | | | | | |
| | | 60 | 382 | 345 | 314 | 269 | 206 | | | | | | | | | | | |
| 275H30 6 6 Stages | 30 | 0 | | | | | 441 | 421 | 400 | 375 | 325 | 250 | 135 | | | | | |
| | | 20 | | | 446 | 425 | 403 | 378 | 356 | 330 | 257 | 145 | | | | | | |
| | | 30 | | 447 | 427 | 405 | 380 | 358 | 331 | 300 | 198 | | | | | | | |
| | | 40 | 448 | 428 | 406 | 382 | 360 | 332 | 302 | 268 | 160 | | | | | | | |
| | | 50 | 430 | 407 | 383 | 363 | 334 | 304 | 270 | 210 | | | | | | | | |
| | | 60 | 408 | 385 | 365 | 335 | 305 | 273 | 211 | | | | | | | | | |
| 275H30 7 7 Stages | 30 | 0 | | | | | | 439 | 420 | 403 | 363 | 315 | 250 | 165 | | | | |
| | | 20 | | | | 442 | 425 | 405 | 388 | 368 | 320 | 258 | 183 | 78 | | | | |
| | | 30 | | | 443 | 426 | 405 | 389 | 368 | 345 | 293 | 215 | 132 | | | | | |
| | | 40 | | 444 | 427 | 406 | 390 | 369 | 347 | 323 | 265 | 180 | 90 | | | | | |
| | | 50 | 445 | 428 | 407 | 391 | 369 | 348 | 324 | 300 | 223 | 143 | | | | | | |
| | | 60 | 430 | 408 | 392 | 370 | 350 | 325 | 300 | 265 | 183 | 90 | | | | | | |
| 275H40 8 8 Stages | 40 | 0 | | | | | | | 436 | 421 | 387 | 353 | 311 | 250 | 175 | 95 | | |
| | | 20 | | | | | 440 | 425 | 408 | 392 | 356 | 346 | 258 | 183 | 105 | | | |
| | | 30 | | | | 440 | 425 | 409 | 393 | 375 | 338 | 290 | 220 | 150 | | | | |
| | | 40 | | | 441 | 426 | 410 | 394 | 376 | 359 | 318 | 262 | 188 | 113 | | | | |
| | | 50 | | 442 | 427 | 412 | 395 | 377 | 360 | 341 | 300 | 225 | 158 | | | | | |
| | | 60 | 443 | 428 | 413 | 396 | 378 | 361 | 341 | 321 | 268 | 190 | 118 | | | | | |
| 275H40 9 9 Stages | 40 | 0 | | | | | | | 448 | 435 | 407 | 376 | 338 | 303 | 249 | 180 | | |
| | | 20 | | | | | 450 | 435 | 423 | 410 | 378 | 342 | 307 | 242 | 185 | 122 | | |
| | | 30 | | | | 449 | 438 | 423 | 411 | 395 | 365 | 332 | 285 | 253 | 155 | 80 | | |
| | | 40 | | | 448 | 439 | 424 | 413 | 396 | 381 | 350 | 310 | 260 | 193 | 125 | | | |
| | | 50 | | 447 | 440 | 425 | 414 | 396 | 382 | 366 | 333 | 288 | 225 | 163 | 86 | | | |
| | | 60 | 446 | 440 | 425 | 415 | 397 | 383 | 367 | 350 | 313 | 263 | 193 | 128 | | | | |

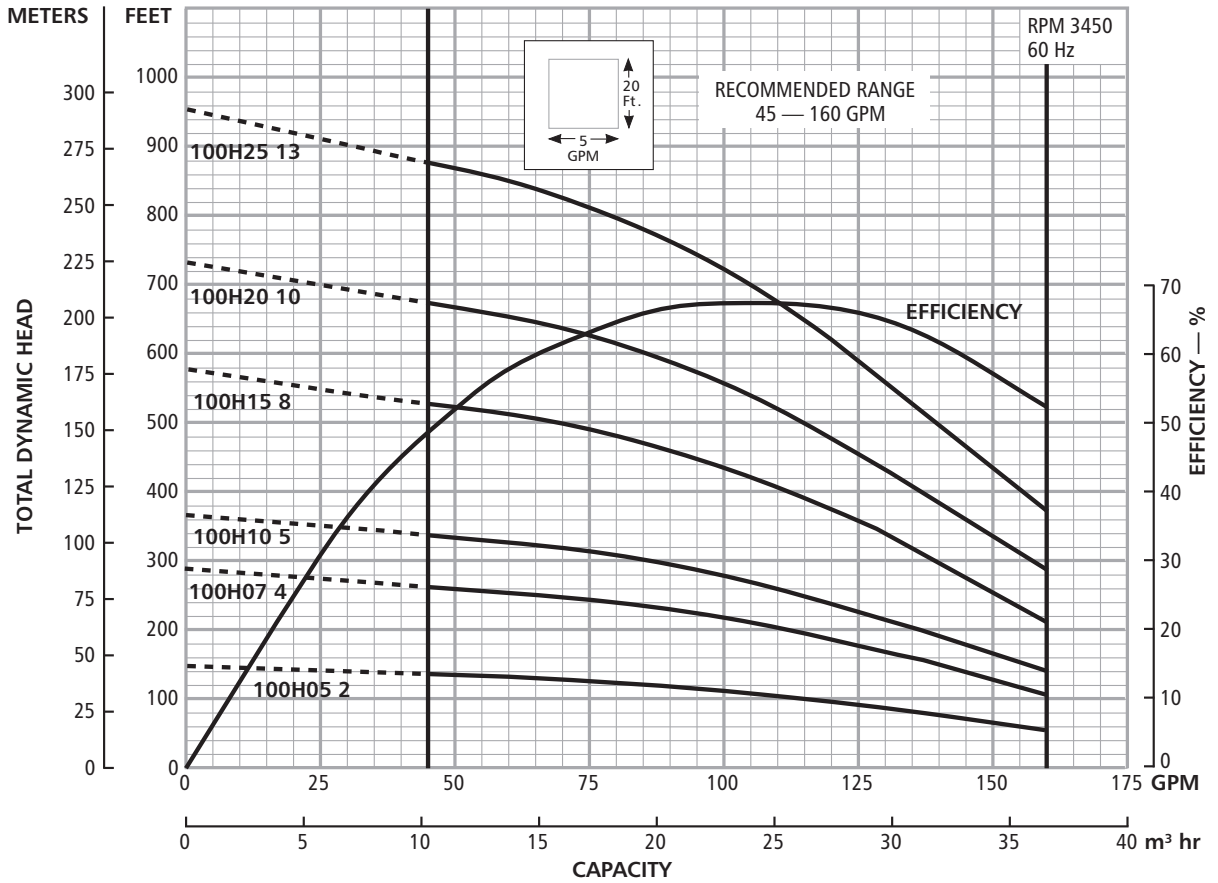
USE ONLY WITH 3 PHASE MOTORS. ROTATION IS DIFFERENT THAN 1 PHASE MOTORS.



ITT

GOULDS PUMPS Residential Water Systems

Model 100H



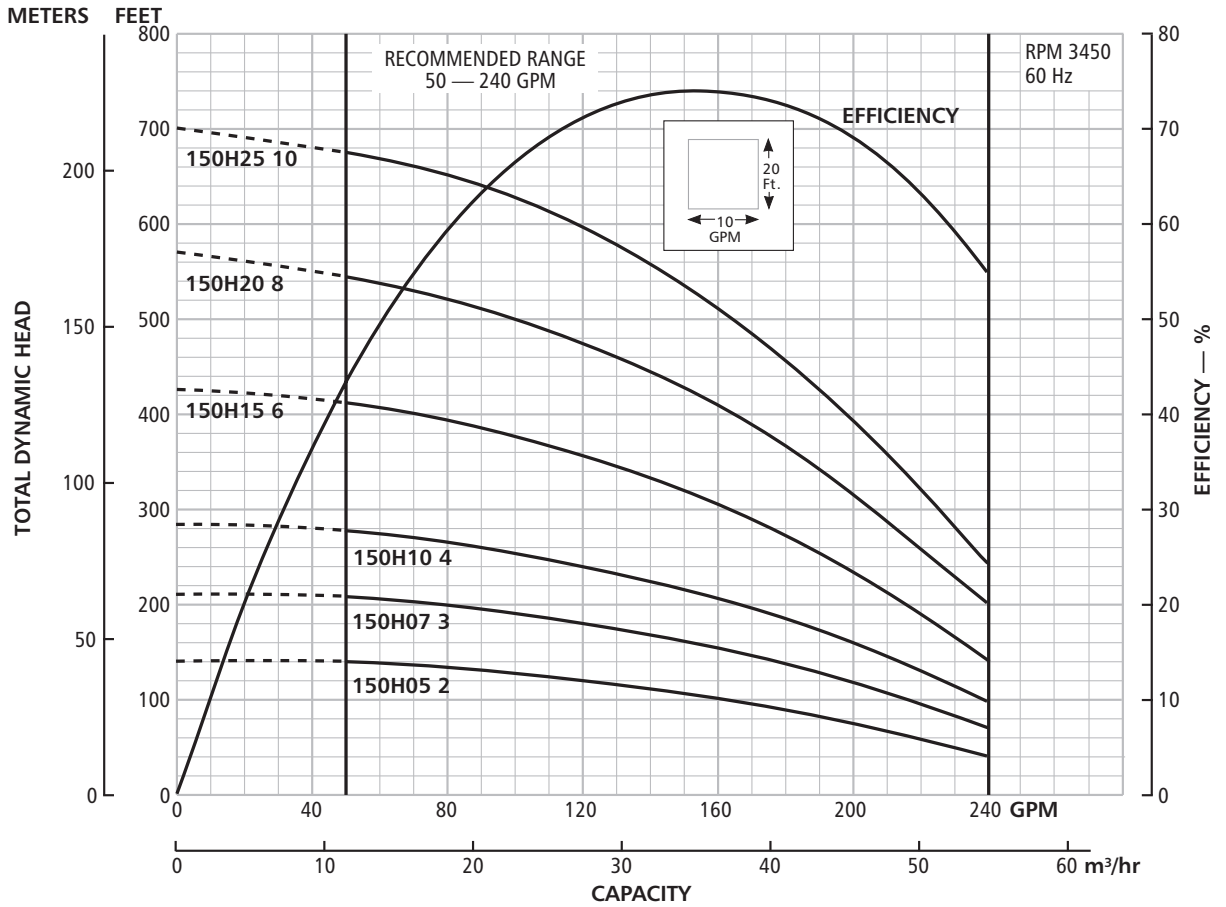
Curve Reference SU 0021R0



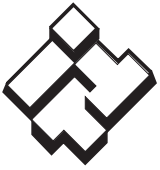
ITT

GOULDS PUMPS Residential Water Systems

Model 150H



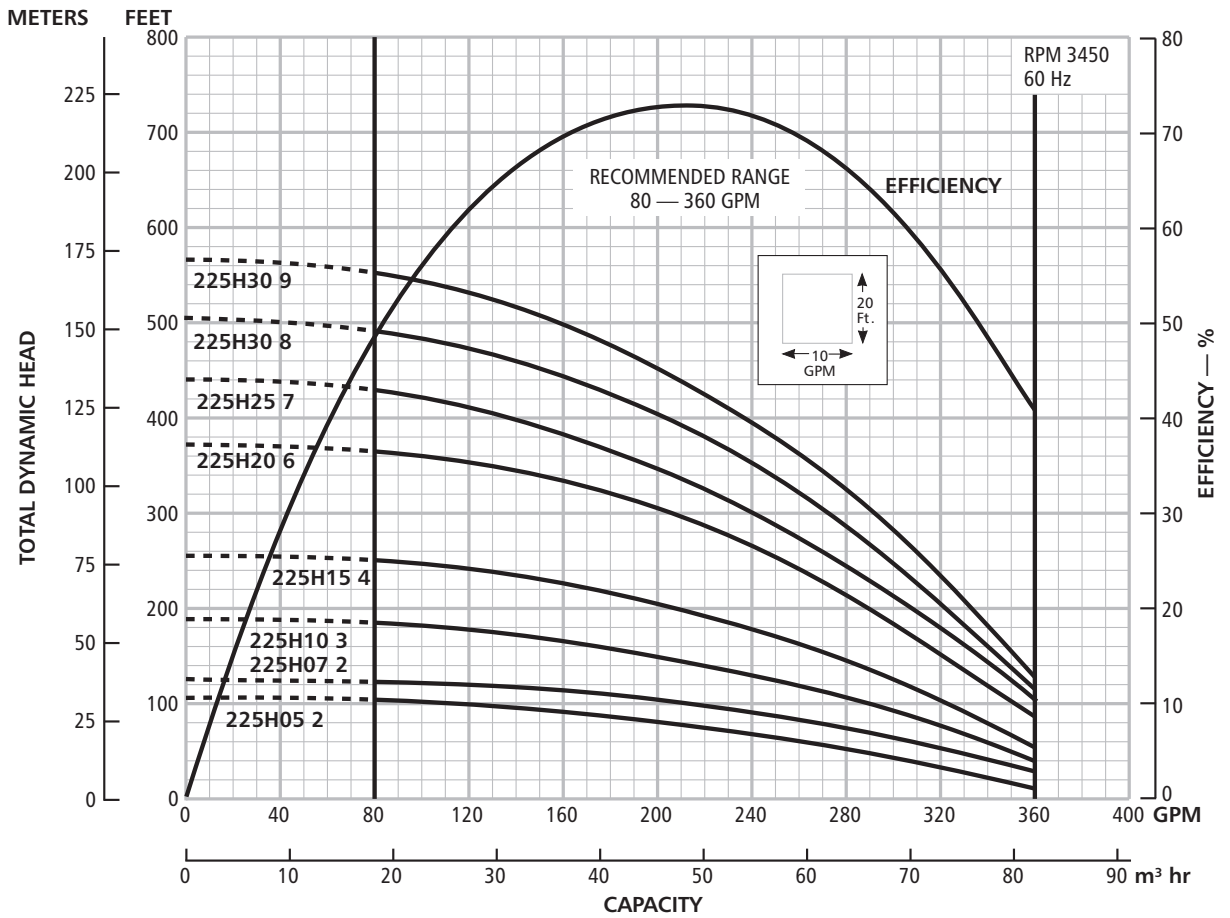
Curve Reference SU 507



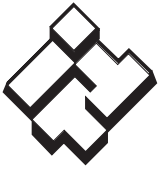
ITT

GOULDS PUMPS Residential Water Systems

Model 225H



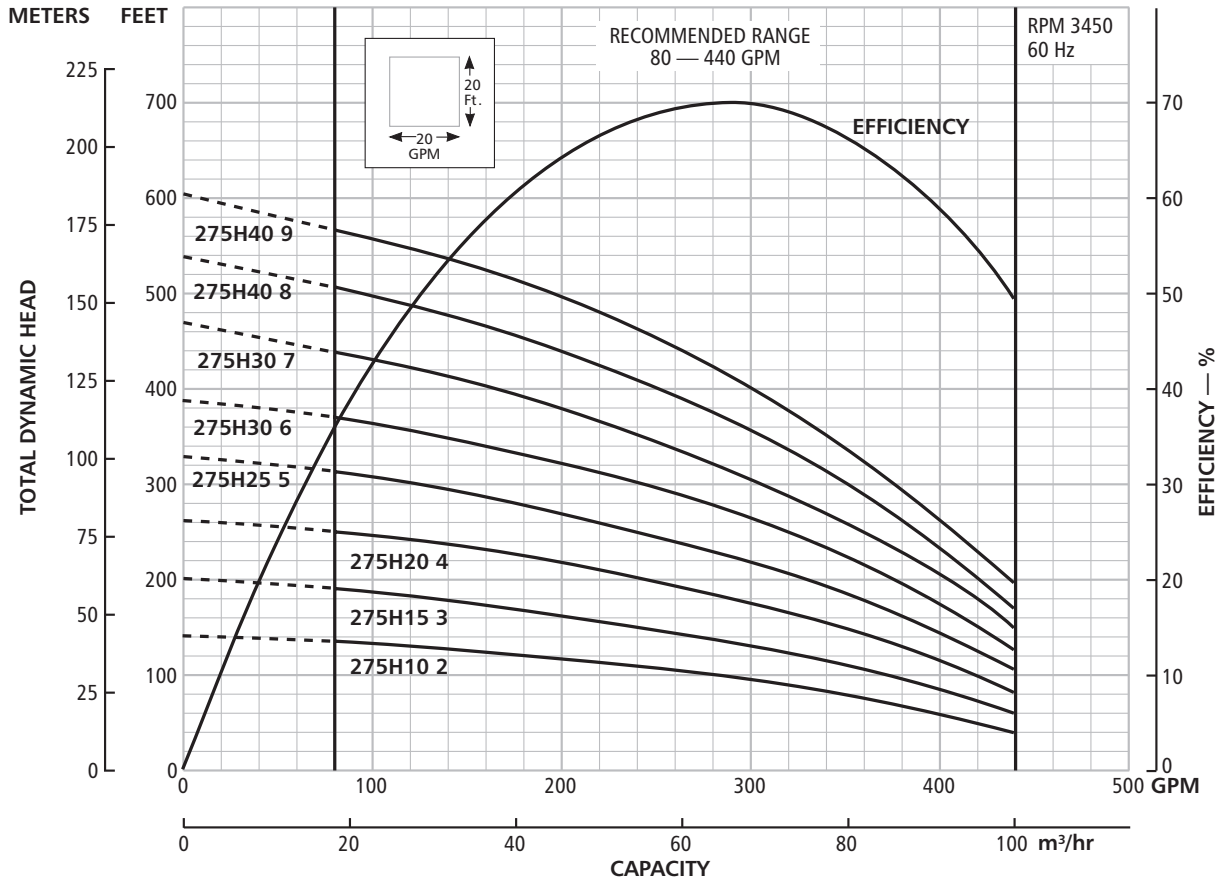
Curve Reference SU 508



ITT

Residential Water Systems

Model 275H



Three Phase Only, due to required CW Rotation.

Curve Reference SU 484



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B100-275H February, 2009
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