



FLINT & WALLING

Zoeller Family of Water Solutions™

"6T" Submersible Pump Selection Charts

"6T" Series 150 GPM Turbine Pump

Model	HP	Stg.	Disch. Press.	Depth To Water In Feet - Capacities In Gallons Per Minute																	Max. Press.							
				50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	Ft.	PSI
6T150B05 6T150B056	5	2	0 20 40 60	211 154	146																						125	54
6T150B07	7-1/2	3	0 20 40 60	211 166	208 161	156																					191	82
6T150B10	10	4	0 20 40 60	222 204 166	201 164 97	198 160 78	156																				254	110
6T150B15	15	6	0 20 40 60	222 223 212	210 191 192	221 189 161 124	208 158 121	186 156 117	113																		381	165
6T150B20	20	8	0 20 40 60	222 223	214 215	221 202	213 184	198 161	179 133	156 125	129																508	220
6T150B25	25	9	0 20 40 60	236 230	229 223	235 213	228 199	221 181	210 161	195 131	177 129	155 126	124														598	259
6T150B30	30	11	0 20 40 60	236 230	230 224	235 224	229 207	224 217	216 207	205 195	193 164	178 141	161 114	141	138	136	95	84									731	316
6T150B40	40	15	0 20 40 60	229 225	225 221	232 221	228 216	225 216	224 210	220 201	215 192	208 181	199 169	190 156	179 140	167 121	163 118	153 118	137 116								975	421
6T150B50	50	18	0 20 40 60	236 232	232 229	235 222	231 207	228 225	225 222	222 217	225 211	222 204	216 197	210 188	202 179	202 188	195 169	186 144	177 127	167 144	155 127	141 95	124 90	83	76	1196	517	

"6T" Series 200 GPM Turbine Pump

Model	HP	Stg.	Disch. Press.	Depth To Water In Feet - Capacities In Gallons Per Minute																	Max. Press.							
				50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	Ft.	PSI		
6T200B05 6T200B056	5	1	0 20 40 60	254																							84	36
6T200B07	7-1/2	2	0 20 40 60	281 215	209																						140	60
6T200B10	10	3	0 20 40 60	247 200	243 195	190																					200	86
6T200B15	15	3	0 20 40 60	299 261 220	296 258 153	254 213 147	208 101																				251	109
6T200B20	20	5	0 20 40 60	290 266	288 264 239	262 238 208	236 206 169	204 166	158																		380	164
6T200B25	25	6	0 20 40 60	309 288	307 287 267	286 264 245	260 242 221	233 218 193	201 189 157	158	148																471	204
6T200B30	30	8	0 20 40 60	287	296 280	293 264	277 247	260 230	244 209	226 185	204 156	179 151	148														587	254
6T200B40	40	9	0 20 40 60		307 307	305 293	291 279	277 265	263 250	248 236	234 220	218 202	200 181	180 154	176 152	147											730	316
6T200B50	50	12	0 20 40 60		308	307 297	296 286	285 275	275 264	264 254	253 243	242 231	231 219	218 205	218 190	204 173	202 151	186 150	169 148	146							942	407
6T200B60	60	13	0 20 40 60			308	297 286	285 275	275 264	264 254	253 243	242 231	231 219	218 205	218 190	204 173	202 151	186 150	169 148	146							1088	470

NOTE: Friction loss not included in selection charts.

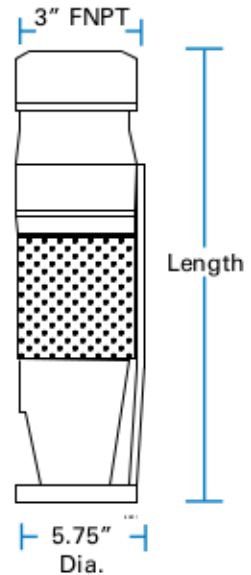
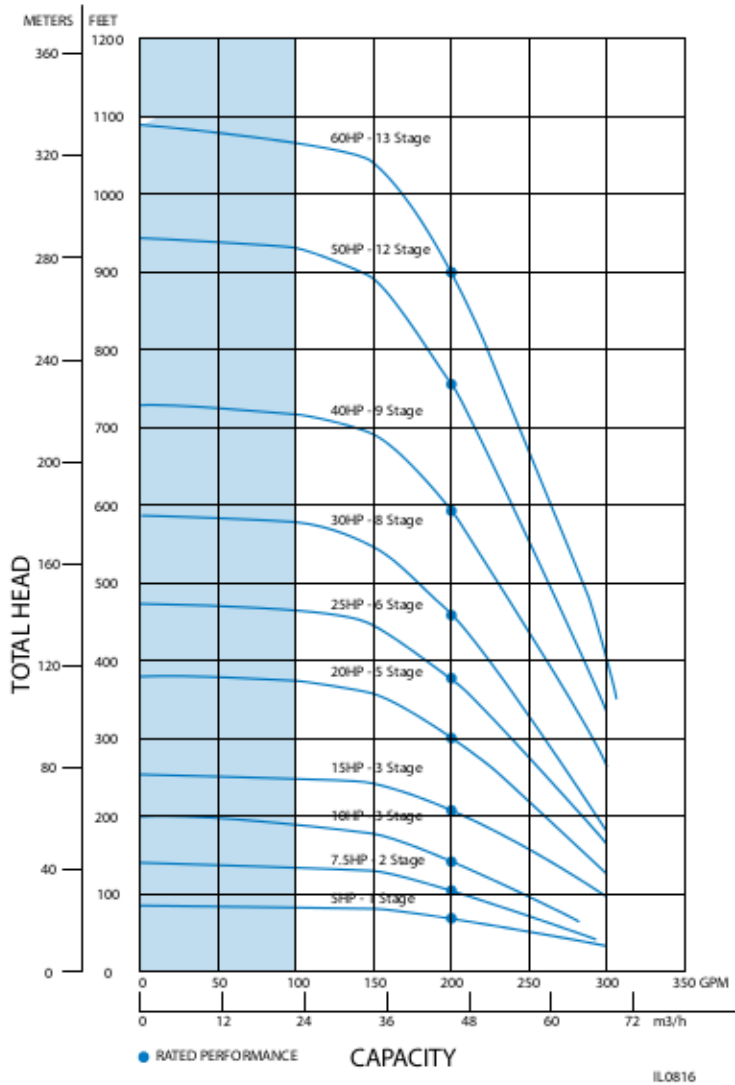
200 • 5 thru 60 HP • 3450 RPM • 60 HZ • 6T

6 Inch Minimum Inside Well Diameter



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200 GPM (Not available with 4" motor bracket)

Model No.	HP	Motor Size	Stages	Phase	Length (Inches)		Efficiency at Rated Flow
					Pump	Motor	
6T200B056	5	6"	1	1	17.1	25.4	72%
				3		22.9	
6T200B07	7-1/2	6"	2	1	22.0	28.0	72%
				3		24.2	
6T200B10	10	6"	3	1	26.9	30.6	69%
				3		25.4	
6T200B15	15	6"	3	1	26.9	33.1	74%
				3		28.0	
6T200B20	20	6"	5	3	36.6	30.6	76%
6T200B25	25	6"	6	3	41.5	33.1	76%
6T200B30	30	6"	8	3	51.3	35.7	75%
6T200B40	40	6"	9	3	56.1	40.8	76%
6T200B50	50	6"	12	3	70.8	55.3	76%
6T200B60	60	6"	13	3	75.6	61.3	75%



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Submersible Pumps For Six and Eight Inch Wells

**50 to 250 GPM
For Six-Inch Wells**

**325 & 400 GPM
For Eight-Inch Wells**

Series "6P", "6T" and "8T"
High capacity six or eight
inch submersible pumps
for commercial, industrial,
agricultural, municipal and other
deep well, large water volume
applications

- Cast iron suction and discharge housings
- Stainless steel pump shaft and coupling
- Mounting rings available for 5 HP four-inch motors, 5 thru 60 HP six-inch motors and 75 & 100 HP 8-inch motors
- Complete selection of submersible stainless steel motors:

Single-phase -

5, 7-1/2 and 10 HP

Three-phase -

5 thru 100 HP





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Submersible Pumps For 6 and 8 Inch Wells

**6P SERIES 5 TO 30 HP
50, 80 AND 120 GPM**



**6T & 8T SERIES 5 TO 100 HP
150, 200, 250, 325 AND 400 GPM**



6P, 6T & 8T Features & Benefits

Component Description	6P Series 50, 80 & 120 GPM 5-30HP	6T & 8T Series 150, 200, 250, 325 & 400 GPM 5-100 HP
Discharge	Cast Iron with closed sintered lead free sleeve bearing, 3" NPT	Cast Iron, 3" NPT on 6T Series, 4" NPT on 325 GPM 8T Series and 5" NPT with enclosed bearing on 400 GPM 8T series.
Motor Bracket	Cast Iron for 4 and 6" NEMA Std motors	Cast Iron with bronze sleeve bearing. For 4, 6 and 8" NEMA Std motors (availability varies with model)."
Suction Screen	430 SST	416 SST
Motor Coupling	One-piece SST	416 SST
Sand Collar	n/a	Bronze - helps protect motor bracket bearing from sand
Staging	304 heavy wall SST shell, fiberglass reinforced Noryl® diffusers and axial mixed flow impellers, acetal diffuser plates."	Cast iron procelain lined threaded bowls with 304 SST Impellers. Bronze impellers on 200 GPM pumps.
Stage Bearings	SST sleeve and marine rubber radial bearing	Rubber and bronze
Collet	n/a	416 SST - split tapered design locks impeller to shaft
Thrust collar	SST thrust bearing in each stage	Bronze - helps protect against upthrust
Pump Shaft	416 SST 3/4" hex drive shaft	416 SST
Cable Guard	302 SST	SST

NOTE: Check Valve not supplied