

"6T" Submersible Pump Selection Charts



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Zoeller Family of Water Solutions™

"6T" Series 250 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	Ft.	PSI			
6T250B05 6T250B056	5	1	0 20 40 60	122																					55	24	
6T250B07	7-1/2	2	0 20 40 60	336 156	122																					110	48
6T250B10	10	3	0 20 40 60	377 301 168	293 147	122																				165	71
6T250B15	15	4	0 20 40 60	336 341 279 170	267 273 158	122																				220	95
6T250B20	20	6	0 20 40 60	377 381 342 304	293 297 245 155	234 136	122																			330	143
6T250B25	25	7	0 20 40 60	353 356 359 326	319 321 285 237	278 228 144	223 135	122																		385	166
6T250B30	30	9	0 20 40 60	377 380 382 356	349 352 327 329	322 296 263 221	293 261 216 147	205 133	122																	495	214
6T250B40	40	12	0 20 40 60	377 379 381 382	356 358 360 361	336 338 319 299	316 295 271 242	293 269 239 200	267 193 136	234 189	189 130	122														660	285
6T250B50	50	15	0 20 40 60	377 380 381	360 363 364	344 330 331	328 314 297	311 296 276	293 275 255	272 251 225	248 221 188	218 182 137	179 129	122												825	357
6T250B60	60	19	0 20 40 60	382 384 385	368 371 371	355 344 345	342 332 320	330 318 307	317 305 291	304 289 274	287 272 258	271 255 235	253 231 209	230 204 177	202 171 135	168 127	122									1045	452

NOTE: Friction loss not included in selection charts.

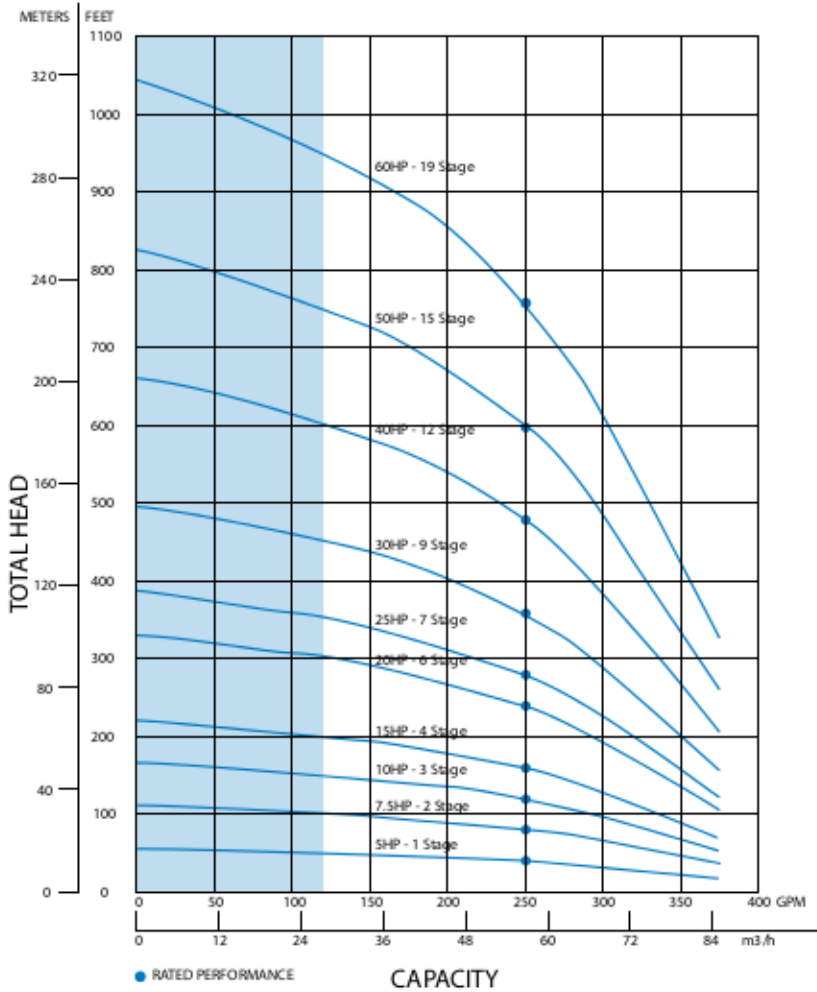


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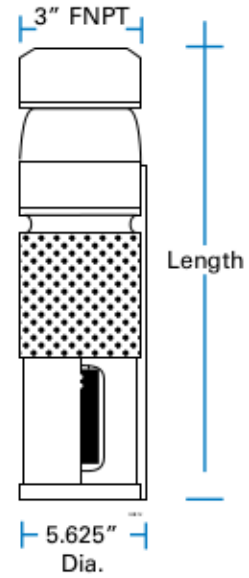
Zoeller Family of Water Solutions™

250 • 5 thru 60 HP • 3450 RPM • 60 HZ • 6T

6 Inch Minimum Inside Well Diameter



IL0817



250 GPM

Model No.	HP	Motor Size	Stages	Phase	Length (Inches)		Efficiency at Rated Flow
					Pump	Motor	
6T250B05	5	4"	1	1	18.4	28.2	68%
6T250B056				3		22.2	
		6"		1		25.4	
				3		22.9	
6T250B07	7-1/2	6"	2	1	23.3	28.0	69%
				3		24.2	
6T250B10	10	6"	3	1	28.1	30.6	70%
				3		25.4	
6T250B15	15	6"	4	1	33.0	33.1	71%
				3		28.0	
6T250B20	20	6"	6	3	42.8	30.6	71%
6T250B25	25	6"	7	3	47.6	33.1	71%
6T250B30	30	6"	9	3	57.4	35.7	71%
6T250B40	40	6"	12	3	72.0	40.8	71%
6T250B50	50	6"	15	3	86.6	55.3	71%
6T250B60	60	6"	19	3	106.1	61.3	71%



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Zoeller Family of Water Solutions™

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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Zoeller Family of Water Solutions™

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