

# Borehole Pump Power Cable Sizes

Maximum cable length* ( metre ) at 415/3/50 three-phase or 240/1/50 single-phase supply.																	
Motor		Cable Size															
Sizes	kW	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>	35mm <sup>2</sup>	50mm <sup>2</sup>	70mm <sup>2</sup>	95mm <sup>2</sup>	120mm <sup>2</sup>	150mm <sup>2</sup>	185mm <sup>2</sup>	240mm <sup>2</sup>	
4"	0.37	120	200	325	440	723											
4"	0.37	802															
4"	0.55	85	145	230	360	518											
4"	0.55	512															
4"	0.75	60	105	170	260	440											
4"	0.75	463	760														
4"	1.1	50	80	130	205	350											
4"	1.1	304	500	795													
4"	1.5	35	60	95	150	255											
4"	1.5	234	385	612													
4"	2.2	25	45	70	110	185											
4"	2.2	164	270	430	641												
4"	3.0	116	191	304	453	754											
4" / 6"	4.0	90	148	236	351	584											
4" / 6"	5.5	68	118	187	265	440	732										
4" / 6"	7.5	72	87	138	205	341	538	808									
6"	9.2		71	112	168	279	440	660	894								
6"	11		61	96	144	239	377	568	772								
6"	13			81	120	200	315	474	644	874							
6"	15			71	106	176	278	419	568	771							
6"	18.5				86	143	225	338	459	622	829						
6"	22					122	192	291	397	541	726						
6"	26					101	160	242	330	451	605	772					
6"	30						139	210	286	389	521	664					
6" / 8"	37						118	181	248	340	460	592	710				
8"	45							154	211	288	388	497	594	705	819		
8"	55							124	170	233	315	404	484	574	668	787	
8"	75								128	176	238	306	368	436	508	600	
8" / 10"	93									138	184	235	279	332	384	450	
10"	110										158	202	241	286	331	389	
10"	130											182	218	258	301	354	
10"	150												186	221	258	305	
12"	185													151	180	209	246

\* Cable length must include distance from wellhead to starter panel.

Working from the motor size ( single- / three-phase ) as appropriate ) select the first cable size that will permit a greater length than required.