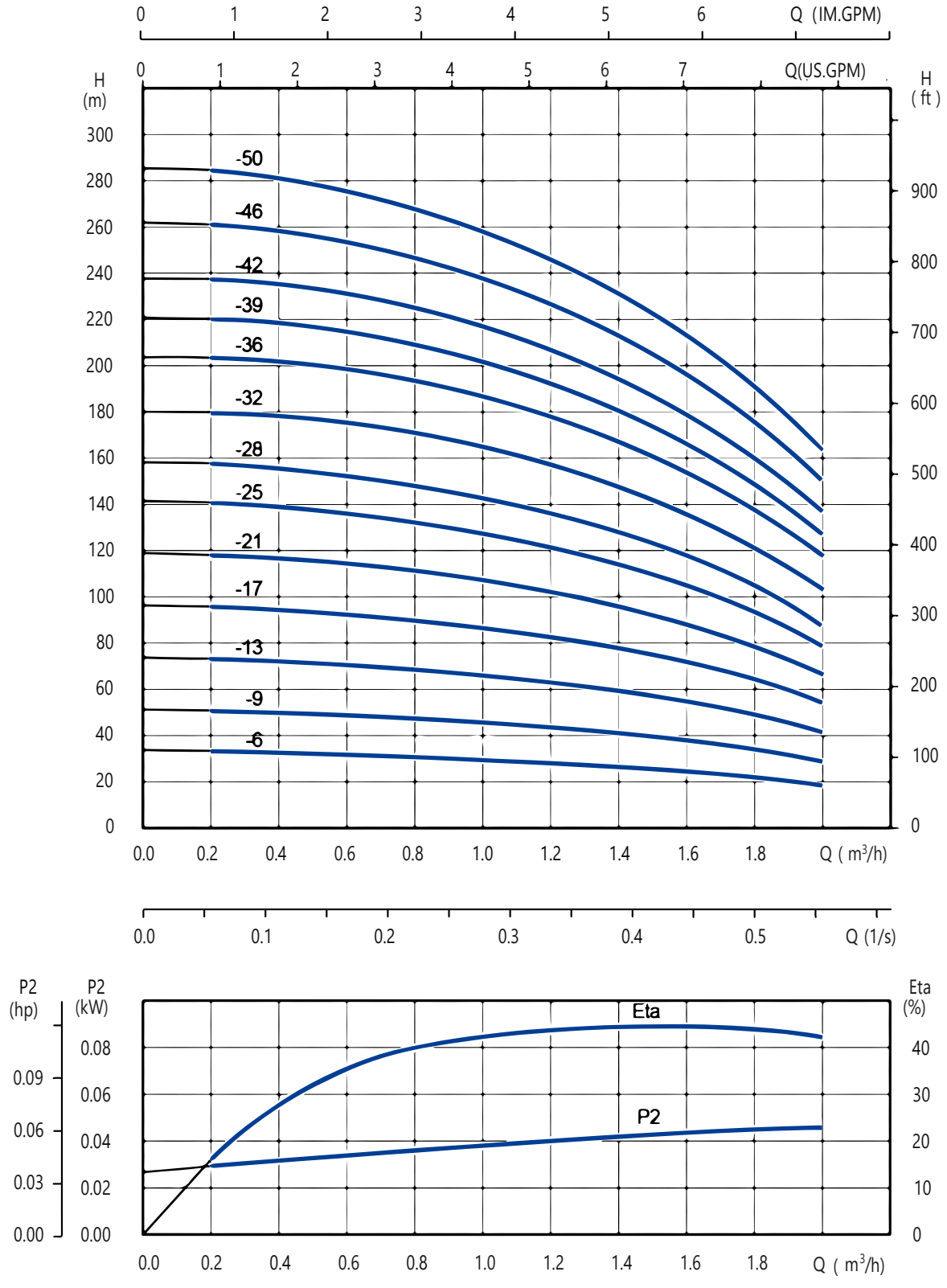
Appication and Features

- Water supply for agricultral and horticutural irrigation
- Domestic/civil water supply
- Construction dewatering
- Mine/Quarry dewatering

- Integrated with three phase motor
- 50Hz/60Hz
- 35°C max. temperature
- 0.25% max. sand content
- Curve tolerance as per ISO9906

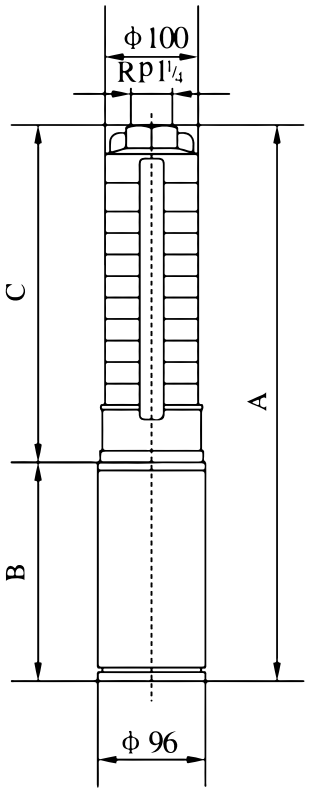
PQ1 (min. 4in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	Weight (kg)
PQ1-6	667	370	297	12
PQ1-9	730	370	360	13
PQ1-13	824	380	444	15
PQ1-17	928	400	528	17
PQ1-21	1052	440	612	19
PQ1-25	1136	440	696	20
PQ1-28	1229	470	759	23
PQ1-32	1313	470	843	24
PQ1-36	1397	470	927	25
PQ1-39	1500	510	990	29
PQ1-42	1563	510	1053	30
PQ1-46	1647	510	1137	31
PQ1-50	1731	510	1221	32

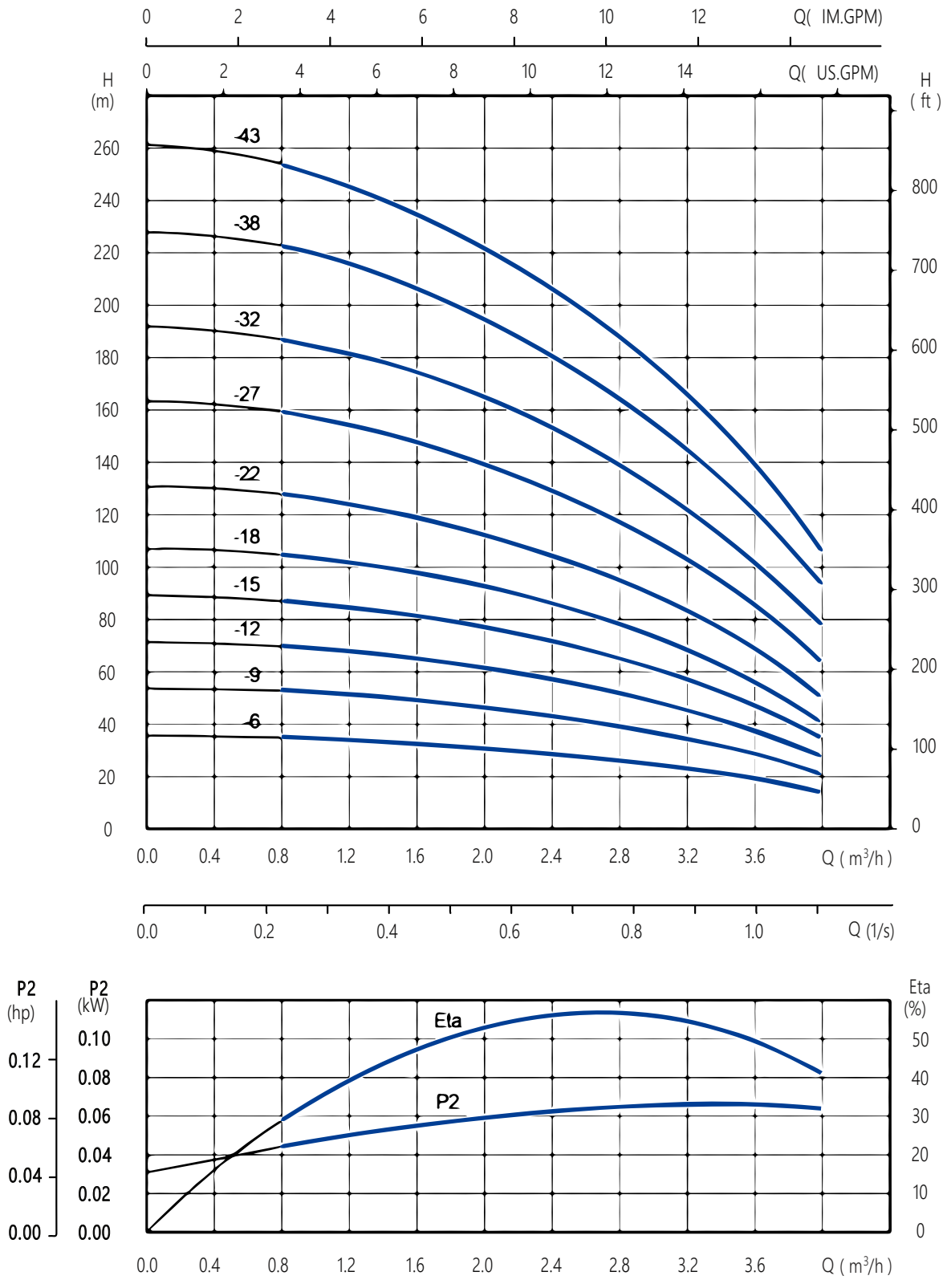


Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)									
		0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
PQ1-6	0.37	33.5	33	32	31	30	29	27	25	22	19
PQ1-9	0.37	51	50	49	48	46	44	41	38	34	29
PQ1-13	0.55	73	72	71	69	67	64	60	55	49	42
PQ1-17	0.75	96	95	92	90	87	84	78	71	64	55
PQ1-21	1.1	119	118	115	112	108	103	97	89	80	69
PQ1-25	1.1	141	140	137	134	129	123	116	106	95	82
PQ1-28	1.5	158	157	153	150	145	138	130	119	107	92
PQ1-32	1.5	180	179	175	171	165	158	148	136	122	105
PQ1-36	1.5	203	202	197	192	186	178	167	153	137	118
PQ1-39	2.2	221	219	214	209	202	193	181	166	149	128
PQ1-42	2.2	238	236	230	225	217	208	195	179	160	137
PQ1-46	2.2	260	258	252	246	238	227	213	196	176	151
PQ1-50	2.2	284	282	276	269	260	248	233	214	192	165

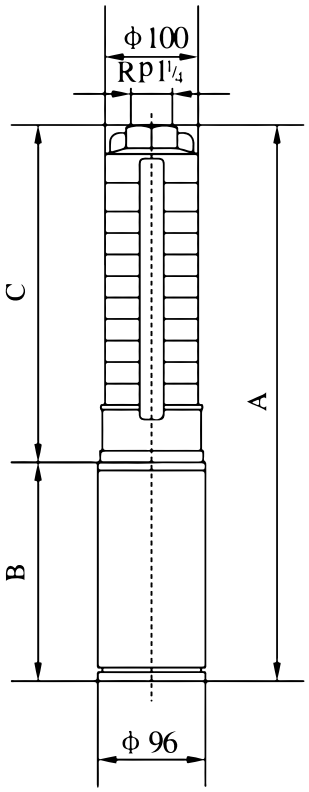
PQ3 (min. 4in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	Weight (kg)
PQ3-6	667	370	297	12
PQ3-9	740	380	360	13
PQ3-12	823	400	423	16
PQ3-15	926	440	486	18
PQ3-18	999	440	549	19
PQ3-22	1103	470	633	22
PQ3-27	1248	510	738	27
PQ3-32	1353	510	843	28
PQ3-38	1589	620	969	31
PQ3-43	1694	620	1074	32

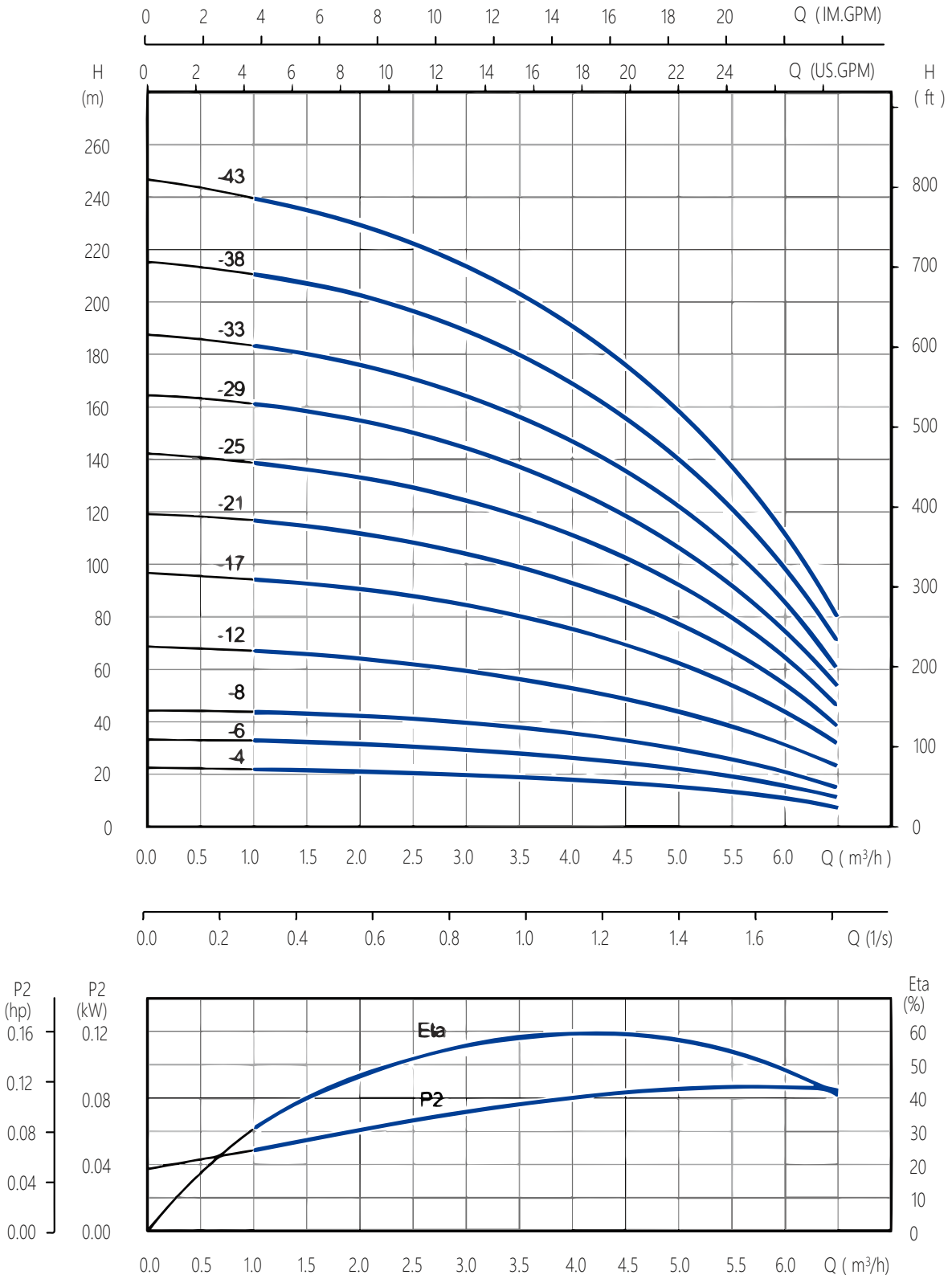


Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)									
		0.8	1.2	1.6	2.0	2.4	2.8	3	3.2	3.6	4
PQ3-6	0.37	36	34	32	30	28	26	24	23	18	13
PQ3-9	0.55	53	51	48	45	42	38	36	33	27	20
PQ3-12	0.75	70	68	64	61	57	52	49	44	37	27
PQ3-15	1.1	87	85	81	77	72	65	61	56	47	34
PQ3-18	1.1	105	103	97	92	87	78	74	68	57	42
PQ3-22	1.5	130	126	120	113	106	96	91	84	70	53
PQ3-27	2.2	159	154	146	138	130	118	111	104	87	66
PQ3-32	2.2	189	183	173	163	154	140	131	122	102	79
PQ3-38	3	224	217	205	194	183	168	157	146	122	94
PQ3-43	3	254	246	233	220	207	190	178	166	139	107

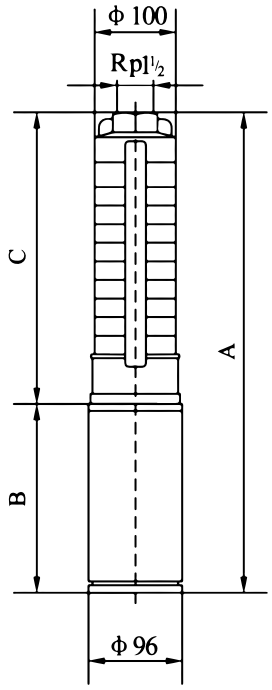
PQ5 (min. 4in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	Weight (kg)
PQ5-4	625	370	255	12
PQ5-6	677	380	297	13
PQ5-8	739	400	339	15
PQ5-12	863	440	423	17
PQ5-17	998	470	528	21
PQ5-21	1122	510	612	26
PQ5-25	1206	510	696	27
PQ5-29	1400	620	780	29
PQ5-33	1484	620	864	30
PQ5-38	1719	750	969	33
PQ5-43	1824	750	1074	35

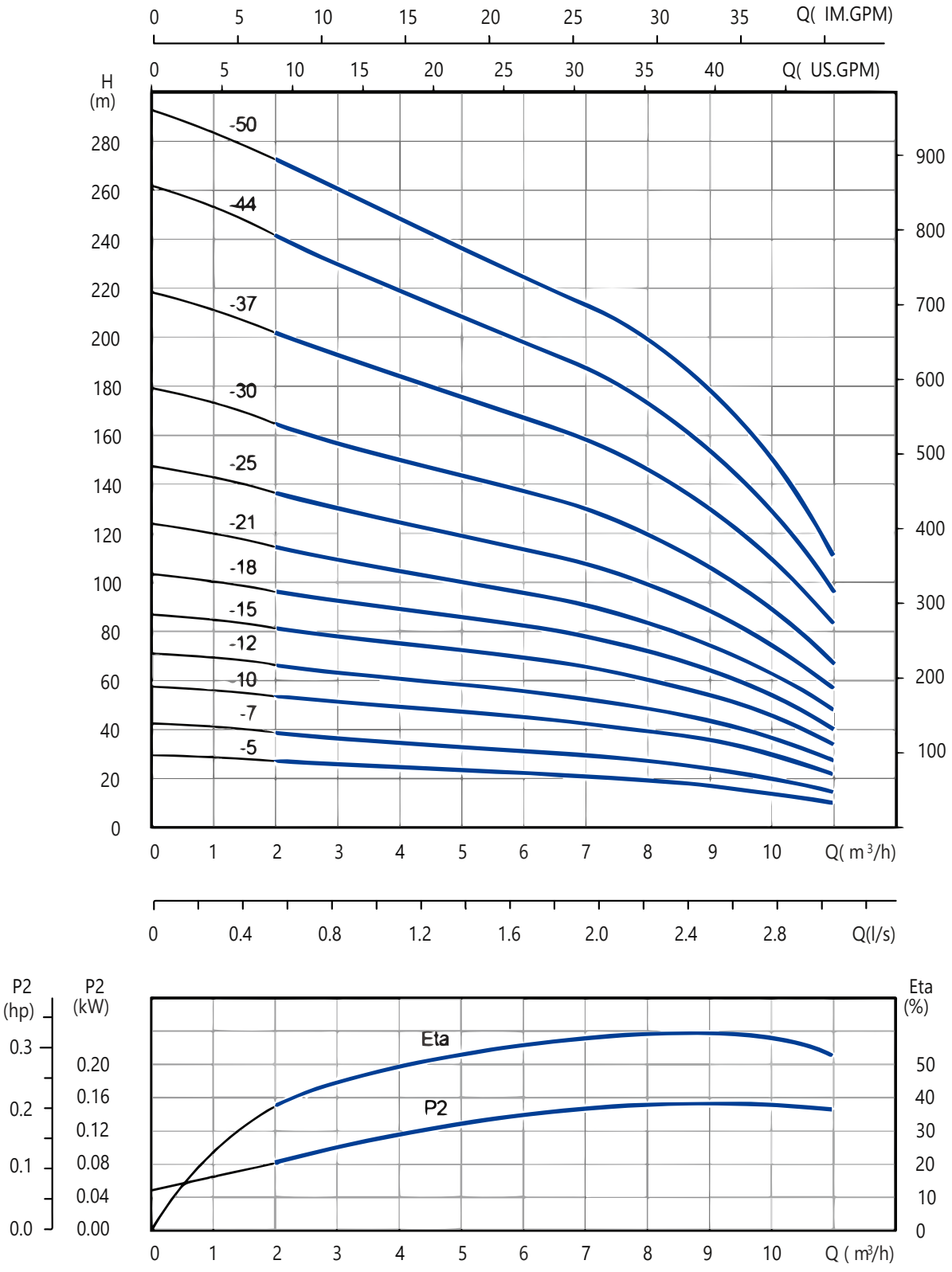


Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)									
		1	2	3	3.5	4	4.5	5	5.5	6	6.5
PQ5-4	0.37	21	20.5	20	19	18	17	15	13	10	8
PQ5-6	0.37	32	31	30	28	27	25	22	19	15	11
PQ5-8	0.55	43	42	40	38	36	33	30	25	20	15
PQ5-12	0.75	66	63	59	57	54	50	45	38	30	23
PQ5-17	1.1	95	91	84	80	76	71	64	54	43	32
PQ5-21	1.1	117	112	104	99	94	87	79	67	53	39
PQ5-25	1.5	139	134	124	118	112	104	94	80	64	47
PQ5-29	1.5	161	155	144	137	130	120	108	92	74	55
PQ5-33	1.5	183	177	163	156	148	137	123	105	84	62
PQ5-38	2.2	211	203	188	178	170	158	142	121	97	71
PQ5-43	2.2	239	230	213	203	193	179	161	137	109	81

PQ8 (min. 4in borehole diameter)

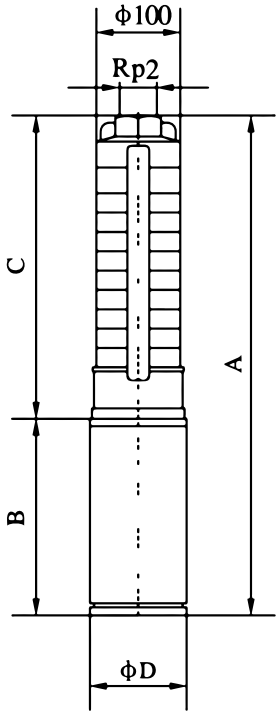
Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ8-5	853	400	453	96	16
PQ8-7	977	440	537	96	19
PQ8-10	1133	470	663	96	22
PQ8-12	1257	510	747	96	27
PQ8-15	1383	510	873	96	29
PQ8-18	1619	620	999	96	32
PQ8-21	1907	782	1125	96/144	35/41
PQ8-25	2075	782	1293	96/144	37/43
PQ8-30	2343	840	1503	96/144	43/51
PQ8-37	2637	840	1797	96/144	46/54
PQ8-44	3011	920	2091	96/144	55/66
PQ8-50	3263	920	2343	96/144	58/69

* Items with slash symbol represent data for 4S/6S motor connection.

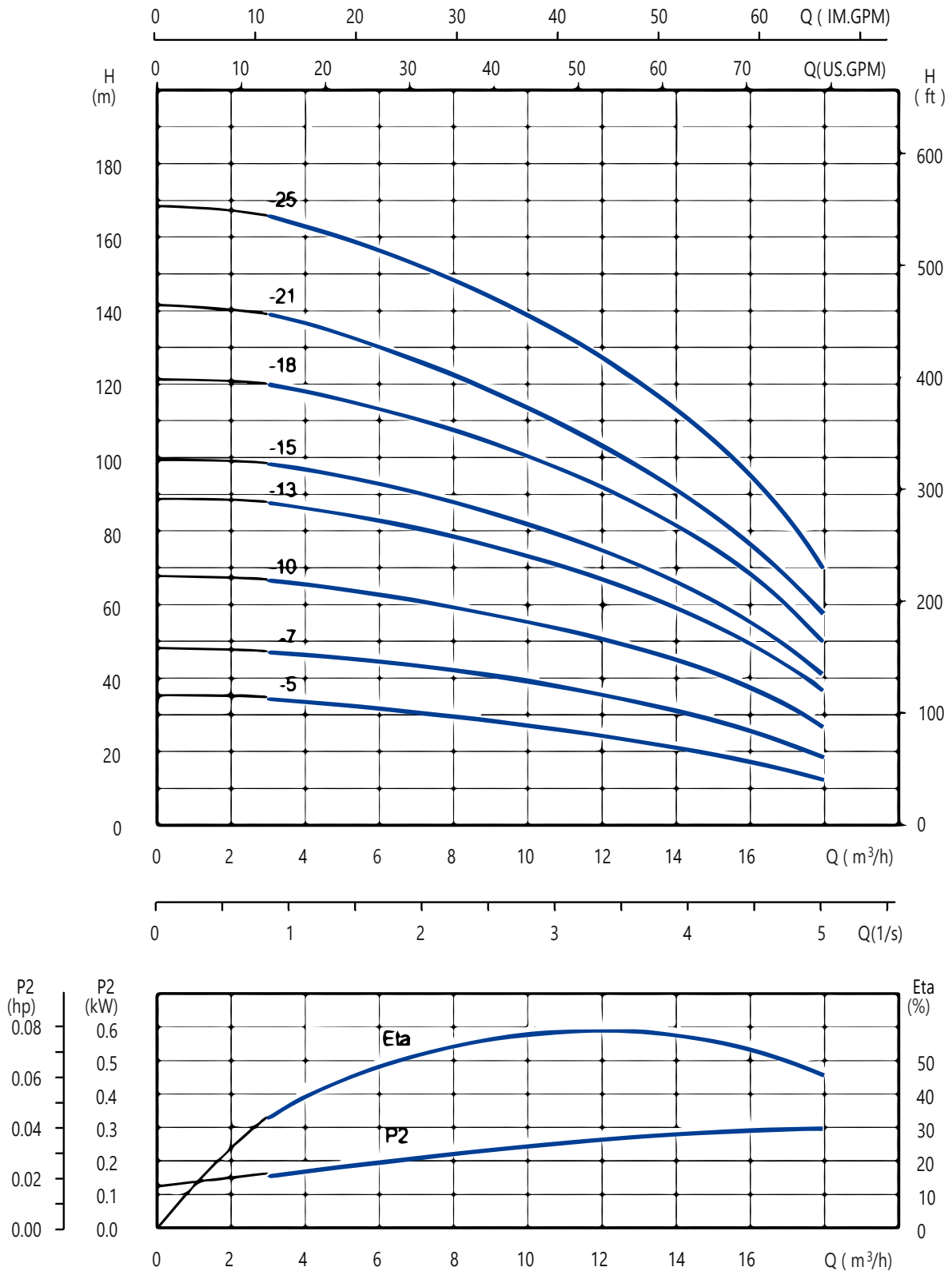


Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)									
		2	3	4	5	6	7	8	9	10	11
PQ8-5	0.75	27	26	24	23	22	21	19	17	14	10
PQ8-7	1.1	38	36	34	33	31	29	27	24	20	14
PQ8-10	1.5	54	52	50	47	45	42	39	35	29	21
PQ8-12	2.2	65	62	60	57	54	51	47	42	35	26
PQ8-15	2.2	81	77	74	71	68	64	59	53	44	33
PQ8-18	3	95	93	89	86	81	77	71	63	53	40
PQ8-21	4	112	108	104	100	95	90	83	74	62	47
PQ8-25	4	135	129	124	119	113	108	99	89	74	56
PQ8-30	5.5	162	155	149	143	136	130	119	106	88	67
PQ8-37	5.5	201	191	184	176	167	159	147	131	109	82
PQ8-44	7.5	242	227	218	209	199	190	174	156	129	98
PQ8-50	7.5	272	258	248	238	226	216	198	177	147	111

PQ12 (min. 4in borehole diameter)

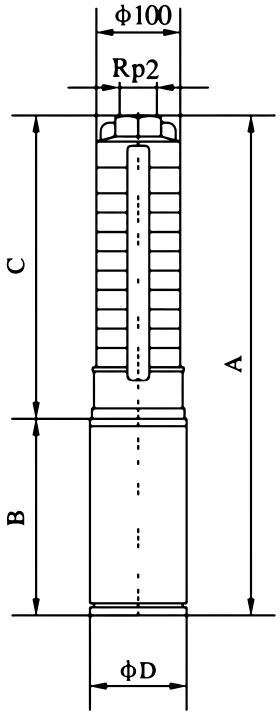
Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ12-5	1005	470	535	96	21
PQ12-7	1175	510	665	96	26
PQ12-10	1480	620	860	96	30
PQ12-13	1837	782	1055	96/144	34/40
PQ12-15	2025	840	1185	96/144	38/46
PQ12-18	2220	840	1380	96/144	40/48
PQ12-21	2495	920	1575	96/144	47/58
PQ12-25	2755	920	1835	96/144	50/61

* Items with slash symbol represent data for 4S/6S motor connection.

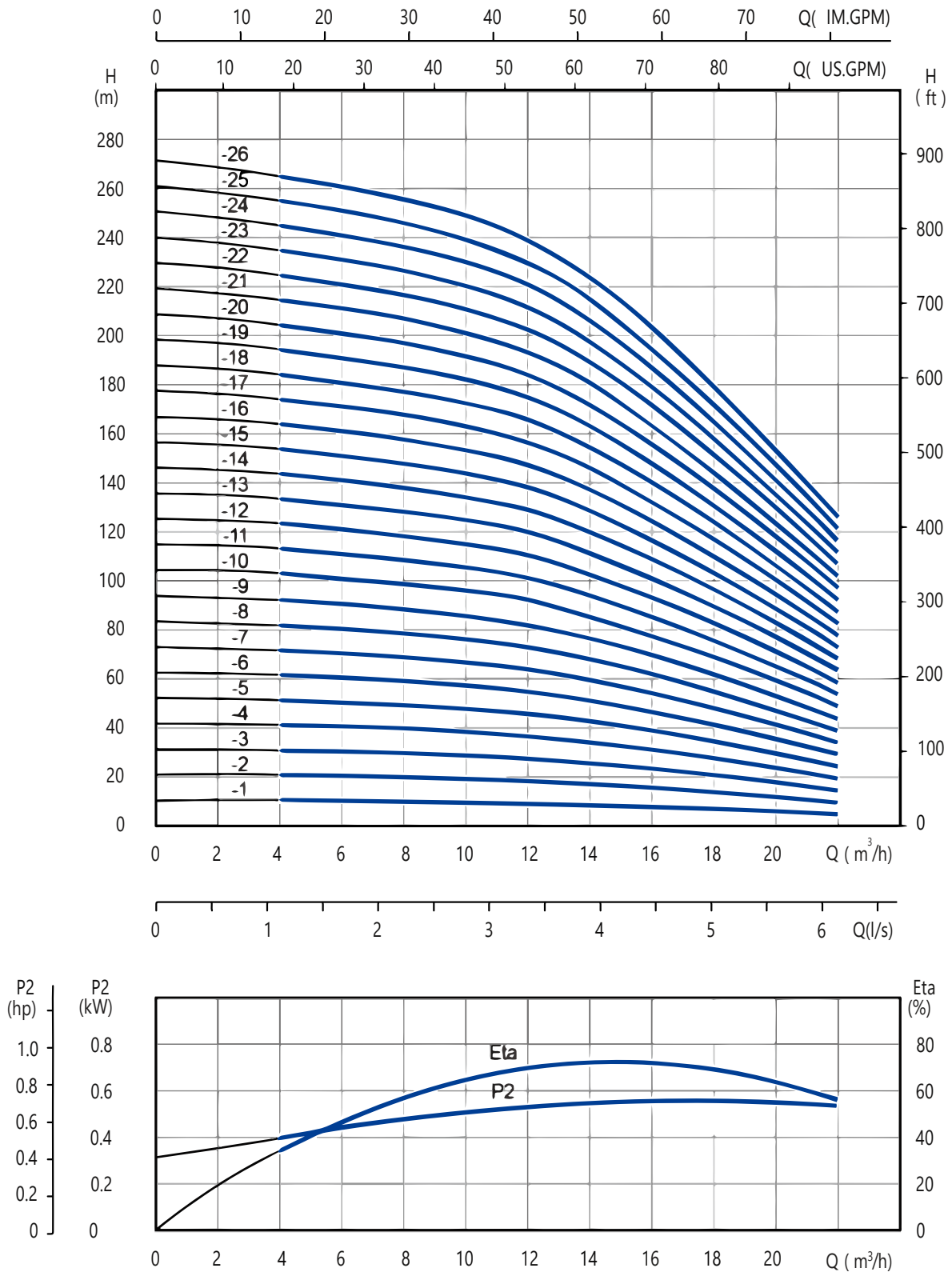


Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)								
		3	4	6	8	10	12	14	16	18
PQ12-5	1.5	34	33	31	29	27	25	22	18	13
PQ12-7	2.2	48	46	43	40	38	35	31	25	19
PQ12-10	3	67	65	62	58	55	50	45	36	27
PQ12-13	4	88	86	81	76	71	66	59	48	36
PQ12-15	5.5	99	97	93	88	82	76	68	55	41
PQ12-18	5.5	120	118	112	105	99	91	81	66	50
PQ12-21	7.5	138	136	130	123	115	106	95	77	58
PQ12-25	7.5	166	163	155	146	137	126	113	92	69

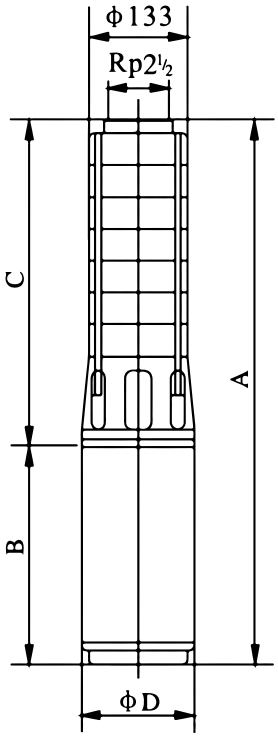
PQ17 (min. 6in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ17-1	708	380	328	96	17
PQ17-2	828	440	388	96	21
PQ17-3	959	510	449	96	28
PQ17-4	1019	510	509	96	29
PQ17-5	1190	620	570	96	32
PQ17-6	1412	782	630	96/144	35/41
PQ17-7	1473	782	691	96/144	36/42
PQ17-8	1591	840	751	96/144	41/49
PQ17-9	1652	840	812	96/144	42/50
PQ17-10	1712	840	872	96/144	43/51
PQ17-11	1853	920	933	96/144	49/60
PQ17-12	1913	920	993	96/144	50/61
PQ17-13	1974	920	1054	96/144	51/62
PQ17-14	2027	897	1130	144	75
PQ17-15	2088	897	1191	144	76
PQ17-16	2148	897	1251	144	77
PQ17-17	2209	897	1312	144	78
PQ17-18	2314	942	1372	144	85
PQ17-19	2375	942	1433	144	86
PQ17-20	2435	942	1493	144	87
PQ17-21	2534	980	1554	144	95
PQ17-22	2594	980	1614	144	96
PQ17-23	2655	980	1675	144	98
PQ17-24	2715	980	1735	144	99
PQ17-25	2826	1030	1796	144	106
PQ17-26	2886	1030	1856	144	107



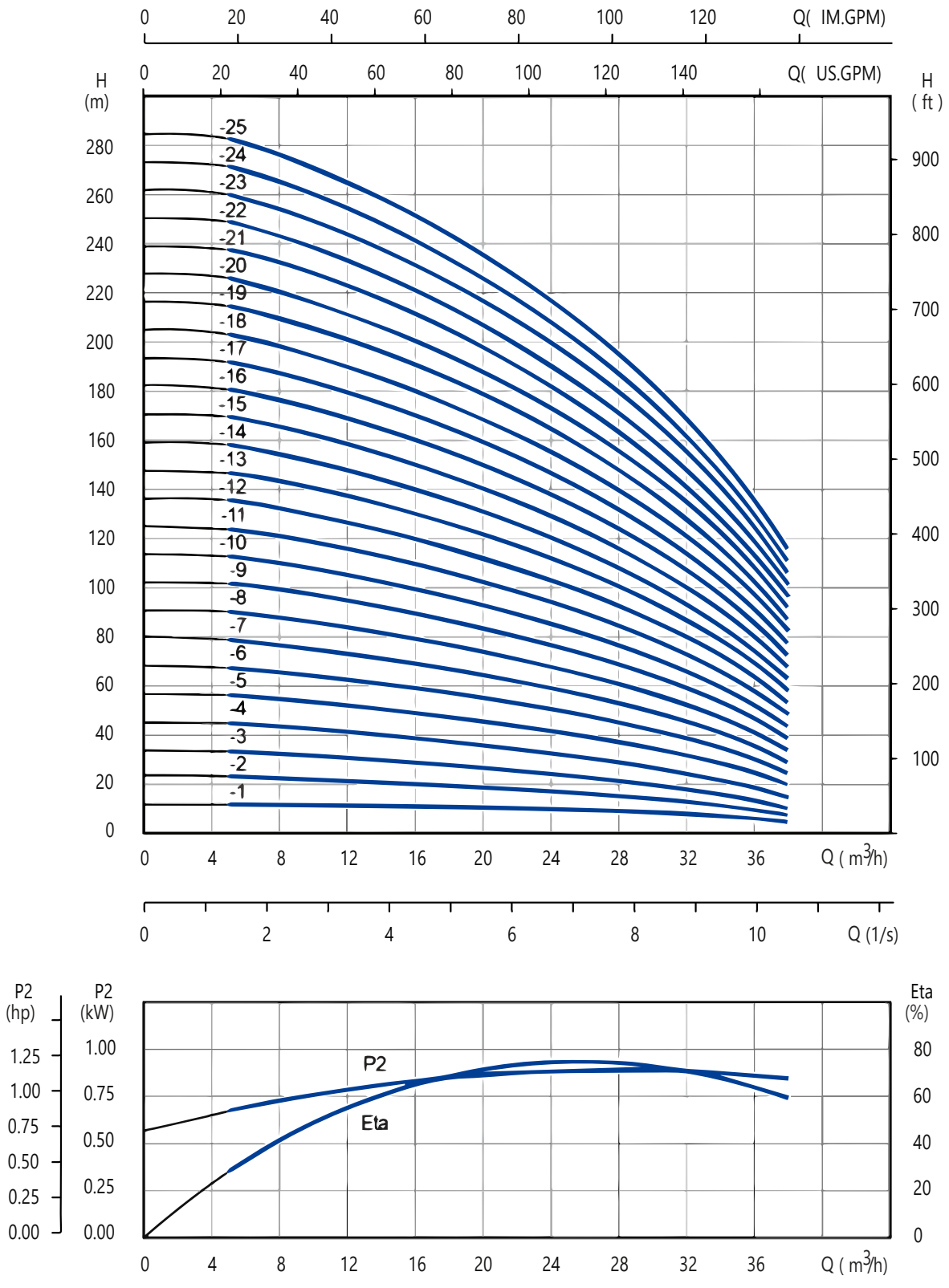
* Items with slash symbol represent data for 4S/6S motor connection.

Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)								
		4	6	8	10	12	14	17	20	22
PQ17-1	0.55	10.5	10	9.5	9	8.5	8	6.5	5	4
PQ17-2	1.1	20.5	20	19.5	19	18	16	13.5	10.5	8
PQ17-3	2.2	31	30	29.5	28.5	27	24.5	20.5	16	13
PQ17-4	2.2	41	40	39.5	38	36.5	33.5	28	22	18
PQ17-5	3	52	51	50	48	45	42	35	28	23
PQ17-6	4	62	61	60	58	55	51	42	34	27
PQ17-7	4	73	71	70	67	64	59	49	40	31
PQ17-8	5.5	83	81	80	77	73	67	57	45	36
PQ17-9	5.5	93	91	90	87	82	76	64	52	40
PQ17-10	5.5	103	101	100	97	91	85	72	58	45
PQ17-11	7.5	113	111	109	106	100	94	79	64	50
PQ17-12	7.5	123	121	119	115	109	102	87	70	55
PQ17-13	7.5	133	131	129	125	118	111	95	75	60
PQ17-14	9.2	143	141	139	134	128	119	102	81	65
PQ17-15	9.2	153	151	148	144	137	128	109	87	70
PQ17-16	9.2	163	161	158	154	146	136	116	92	75
PQ17-17	9.2	173	171	167	163	155	145	123	98	79
PQ17-18	11	184	181	177	173	164	154	130	104	84
PQ17-19	11	194	191	187	182	174	162	138	110	89
PQ17-20	11	204	201	197	192	184	171	145	116	94
PQ17-21	13	214	211	207	202	193	180	152	121	99
PQ17-22	13	224	221	217	211	202	188	160	127	104
PQ17-23	13	235	231	227	221	211	198	167	133	109
PQ17-24	13	245	241	236	230	220	205	174	139	113
PQ17-25	15	255	251	246	240	229	213	181	145	118
PQ17-26	15	265	261	256	250	238	222	189	150	122

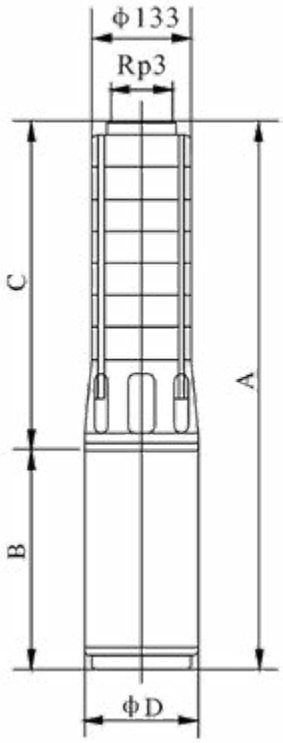
PQ30 (min. 6in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ30-1	802	440	362	96	20
PQ30-2	968	510	458	96	28
PQ30-3	1174	620	554	96	31
PQ30-4	1432	782	650	96/144	35/41
PQ30-5	1586	840	746	96/144	40/48
PQ30-6	1682	840	842	96/144	42/50
PQ30-7	1858	920	938	96/144	49/60
PQ30-8	1954	920	1034	96/144	51/61
PQ30-9	2043	897	1146	144	75
PQ30-10	2139	897	1242	144	77
PQ30-11	2235	897	1338	144	79
PQ30-12	2376	942	1434	144	85
PQ30-13	2472	942	1530	144	87
PQ30-14	2606	980	1626	144	96
PQ30-15	2702	980	1722	144	98
PQ30-16	2848	1030	1818	144	106
PQ30-17	2944	1030	1914	144	108
PQ30-18	3100	1090	2010	144	117
PQ30-19	3196	1090	2106	144	119
PQ30-20	3292	1090	2202	144	120
PQ30-21	3388	1090	2298	144	122
PQ30-22	3554	1160	2394	144	138
PQ30-23	3650	1160	2490	144	140
PQ30-24	3746	1160	2586	144	142
PQ30-25	3842	1160	2682	144	144



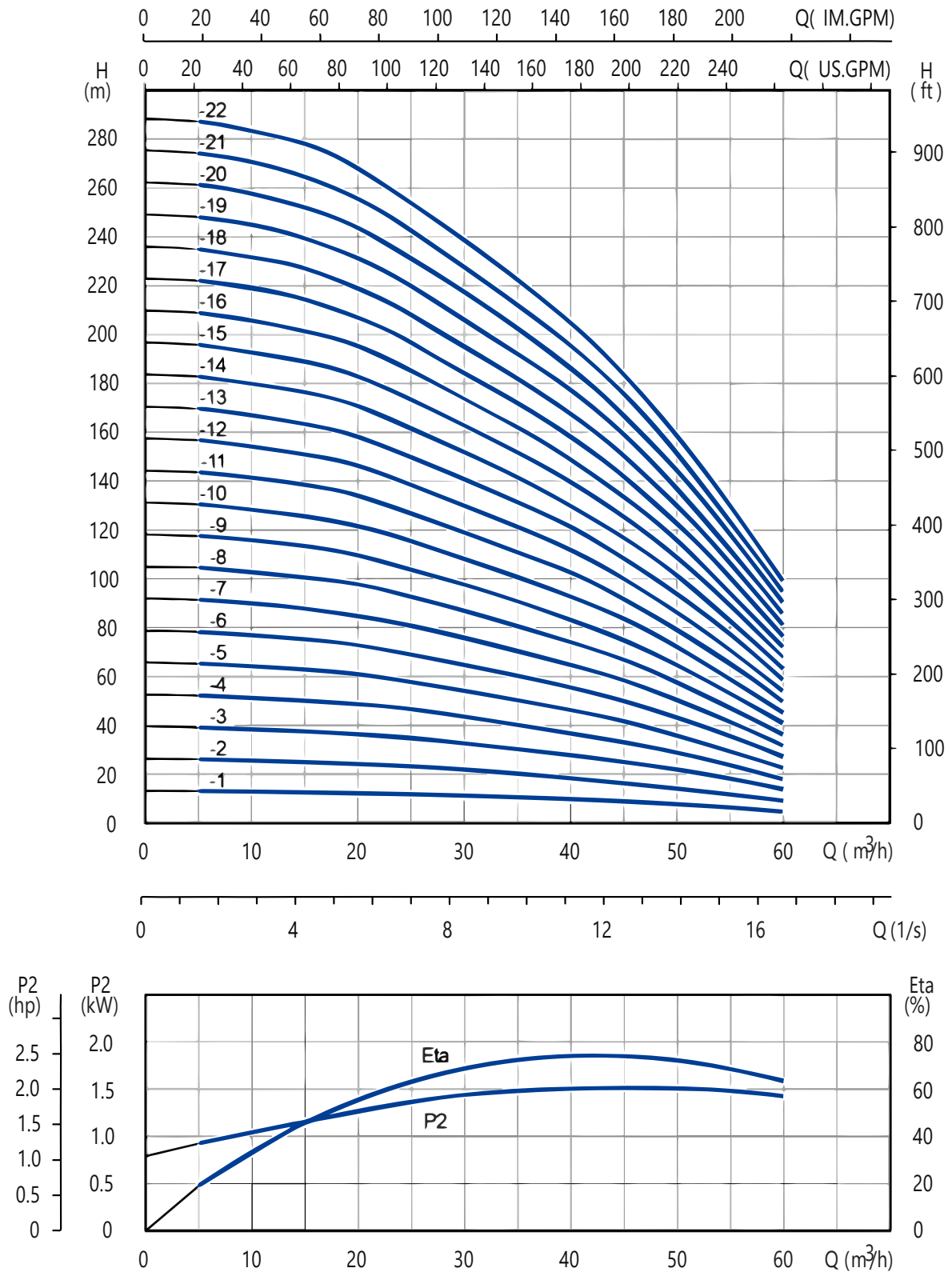
* Items with slash symbol represent data for 4S/6S motor connection.

Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)										
		5	8	12	16	20	24	28	30	32	36	38
PQ30-1	1.1	11.5	11	10.5	10	9.5	9	8	7.5	7	5.5	4.5
PQ30-2	2.2	22.5	22	21	20	19	17.5	16	15	14	10.5	9
PQ30-3	3	33.5	33	32	30	28	26	24	22	20	16	14
PQ30-4	4	44.5	44	42	40	37	35	32	29	27	21	18
PQ30-5	5.5	55.5	55	53	50	47	44	40	37	34	27	23
PQ30-6	5.5	67	66	63	60	56	52	48	44	41	32	27
PQ30-7	7.5	77	76	74	70	65	61	55	52	48	37	32
PQ30-8	7.5	89	87	84	80	75	70	63	59	54	43	36
PQ30-9	9.2	101	98	95	90	84	78	71	66	61	48	41
PQ30-10	9.2	112	109	105	100	93	87	79	74	68	53	45
PQ30-11	9.2	123	120	116	110	103	96	87	81	75	59	50
PQ30-12	11	134	131	126	120	112	105	95	88	82	64	54
PQ30-13	11	145	142	137	129	121	113	103	96	88	69	59
PQ30-14	13	157	153	147	139	130	122	111	103	95	74	63
PQ30-15	13	168	164	158	149	140	131	119	110	102	80	68
PQ30-16	15	180	175	168	159	149	140	127	118	109	85	72
PQ30-17	15	190	186	179	169	158	148	135	125	116	90	77
PQ30-18	18.5	201	197	189	179	168	157	143	132	122	96	81
PQ30-19	18.5	212	207	200	189	177	166	150	140	129	101	86
PQ30-20	18.5	223	218	210	199	186	174	158	147	136	106	90
PQ30-21	18.5	235	229	221	209	196	183	166	155	143	112	95
PQ30-22	22	246	240	231	219	205	192	174	162	150	117	99
PQ30-23	22	258	251	242	229	214	201	182	169	156	122	104
PQ30-24	22	269	262	252	239	224	209	190	177	163	128	108
PQ30-25	22	281	273	263	249	233	218	198	184	170	133	113

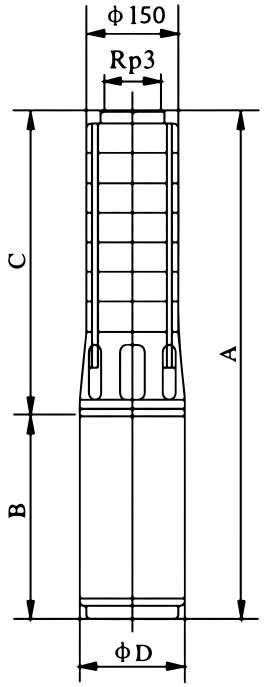
PQ42 (min. 6in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ42-1	888	510	378	96	29
PQ42-2	1111	620	491	96	33
PQ42-3	1444	840	604	96/144	40/48
PQ42-4	1637	920	717	96/144	47/58
PQ42-5	1750	920	830	96/144	49/60
PQ42-6	1889	930	959	144	73
PQ42-7	2014	942	1072	144	80
PQ42-8	2165	980	1185	144	89
PQ42-9	2328	1030	1298	144	97
PQ42-10	2441	1030	1411	144	100
PQ42-11	2614	1090	1524	144	109
PQ42-12	2727	1090	1637	144	111
PQ42-13	2910	1160	1750	144	127
PQ42-14	3023	1160	1863	144	129
PQ42-15	3136	1160	1976	144	131
PQ42-16	3331	1242	2089	144	145
PQ42-17	3444	1242	2202	144	147
PQ42-18	3697	1382	2315	144	162
PQ42-19	3810	1382	2428	144	164
PQ42-20	3923	1382	2541	144	167
PQ42-21	4224	1570	2654	144	192
PQ42-22	4337	1570	2767	144	194



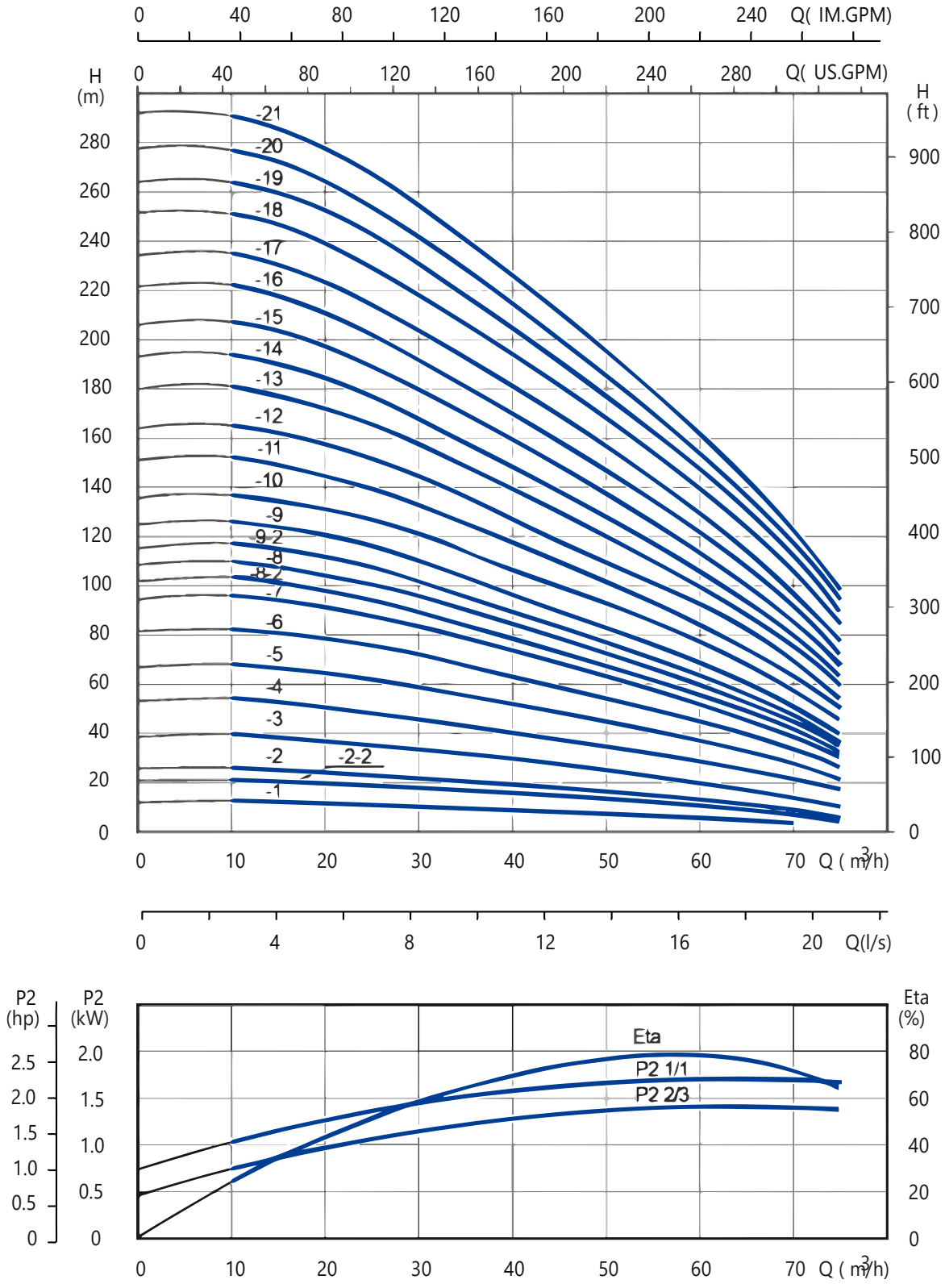
* Items with slash symbol represent data for 4S/6S motor connection.

Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)							
		5	10	20	30	40	42	50	60
PQ42-1	2.2	13	12.5	12	10.5	9	8.5	7	4
PQ42-2	3	26	25.5	34	21.5	18.5	17	14.5	8.5
PQ42-3	5.5	40	38.5	36	32.5	28	26.5	22	13
PQ42-4	7.5	53	52	49	43	37	36	29	18
PQ42-5	7.5	66	65	61	54	47	45	38	23
PQ42-6	9.2	79	78	74	66	57	54	45	28
PQ42-7	11	92	91	86	77	66	63	52	32
PQ42-8	13	105	104	98	87	75	72	58	36
PQ42-9	15	118	117	110	97	84	80	65	40
PQ42-10	15	132	130	122	108	93	89	72	45
PQ42-11	18.5	144	142	134	119	103	98	79	49
PQ42-12	18.5	157	155	146	130	112	107	87	54
PQ42-13	22	170	168	158	141	122	116	94	58
PQ42-14	22	183	181	170	152	131	125	102	63
PQ42-15	22	196	194	182	163	140	134	109	67
PQ42-16	25	209	207	194	174	150	143	116	72
PQ42-17	25	222	220	206	184	159	152	123	77
PQ42-18	30	235	233	218	195	168	161	131	81
PQ42-19	30	248	246	231	206	178	170	138	86
PQ42-20	30	261	259	243	217	187	179	145	90
PQ42-21	37	274	271	255	228	196	188	152	95
PQ42-22	37	287	283	267	238	205	197	160	99

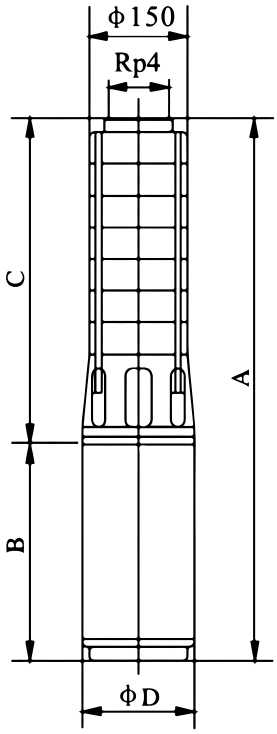
PQ60 (min. 6in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ60-1	878	510	368	96	30
PQ60-2-2	1101	620	481	96	33
PQ60-2	1263	782	481	96/144	35/41
PQ60-3	1434	840	594	96/144	41/49
PQ60-4	1627	920	707	96/144	48/59
PQ60-5	1750	930	820	144	72
PQ60-6	1891	942	949	144	78
PQ60-7	2042	980	1062	144	87
PQ60-8-2	2155	980	1175	144	88
PQ60-8	2205	1030	1175	144	96
PQ60-9-2	2318	1030	1288	144	97
PQ60-9	2378	1090	1288	144	105
PQ60-10	2491	1090	1401	144	107
PQ60-11	2674	1160	1514	144	123
PQ60-12	2787	1160	1627	144	125
PQ60-13	2982	1242	1740	144	139
PQ60-14	3095	1242	1853	144	141
PQ60-15	3348	1382	1966	144	156
PQ60-16	3461	1382	2079	144	158
PQ60-17	3574	1382	2192	144	160
PQ60-18	3875	1570	2305	144	186
PQ60-19	3988	1570	2418	144	188
PQ60-20	4101	1570	2531	144	190
PQ60-21	4214	1570	2644	144	191



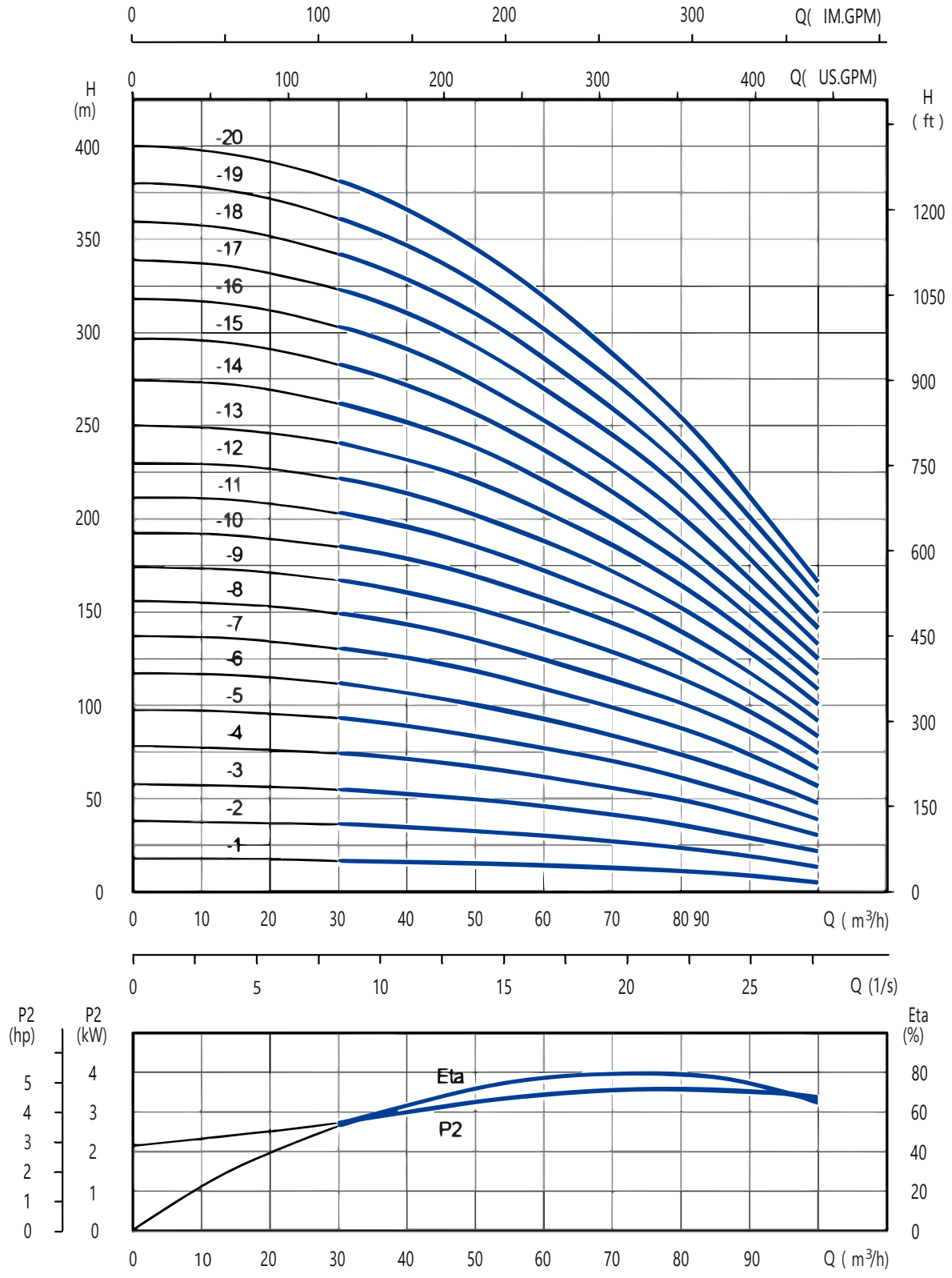
* Items with slash symbol represent data for 4S/6S motor connection.

Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)						
		20	30	40	50	60	70	75
PQ60-1	2.2	12	10.5	8.5	7	6	4	-
PQ60-2-2	3	20	18	15.5	13	10.5	6.5	4
PQ60-2	4	24.5	22	19	16.5	12.5	9	6
PQ60-3	5.5	37	34	29	25	20	14	10
PQ60-4	7.5	51	46	40	35	29	21	17
PQ60-5	9.2	65	59	51	45	37	28	21
PQ60-6	11	79	72	62	54	45	34	26
PQ60-7	13	92	84	73	63	53	39	30
PQ60-8-2	13	99	89	78	67	56	41	31
PQ60-8	15	105	96	84	73	61	45	35
PQ60-9-2	15	112	102	89	77	64	47	36
PQ60-9	18.5	121	110	96	85	69	52	40
PQ60-10	18.5	132	121	106	93	77	58	45
PQ60-11	22	145	133	117	102	85	64	50
PQ60-12	22	158	145	127	110	93	70	54
PQ60-13	25	172	157	139	120	100	75	59
PQ60-14	25	185	168	148	128	106	80	63
PQ60-15	30	198	180	159	138	114	85	68
PQ60-16	30	212	192	170	147	122	91	72
PQ60-17	30	224	204	181	157	130	98	77
PQ60-18	37	240	219	194	168	140	105	84
PQ60-19	37	253	231	204	178	148	112	89
PQ60-20	37	265	242	214	186	155	118	94
PQ60-21	37	278	255	226	196	163	123	98

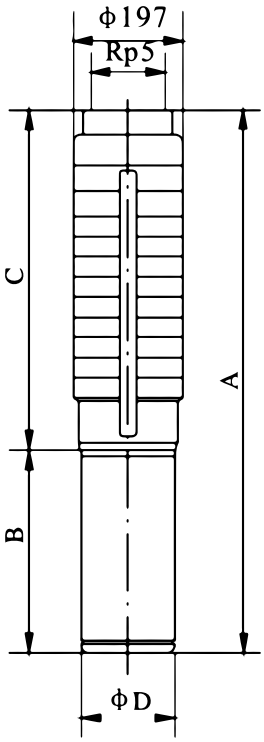
PQ75 (min. 8in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ75-1	1270	782	488	144	56
PQ75-2	1476/1421	862/790	614/631	144/184	78/97
PQ75-3	1682/1577	942/820	740/757	144/184	92/116
PQ75-4	1896/1743	1030/860	866/883	144/184	110/134
PQ75-5	2082/1899	1090/890	992/1009	144/184	122/152
PQ75-6	2278/2075	1160/940	1118/1135	144/184	141/178
PQ75-7	2626/2311	1382/1050	1244/1261	144/184	171/211
PQ75-8	2752/2437	1382/1050	1370/1387	144/184	176/216
PQ75-9	3066/2663	1570/1150	1496/1513	144/184	204/233
PQ75-10	3192/2789	1570/1150	1622/1639	144/184	209/238
PQ75-11	3005	1240	1765	184	256
PQ75-12	3131	1240	1891	184	261
PQ75-13	3387	1370	2017	184	279
PQ75-14	3513	1370	2143	184	285
PQ75-15	3639	1370	2269	184	290
PQ75-16	3885	1490	2395	192	309
PQ75-17	4011	1490	2521	192	315
PQ75-18	4187	1540	2647	192	341
PQ75-19	4313	1540	2773	192	346
PQ75-20	4439	1540	2899	192	351



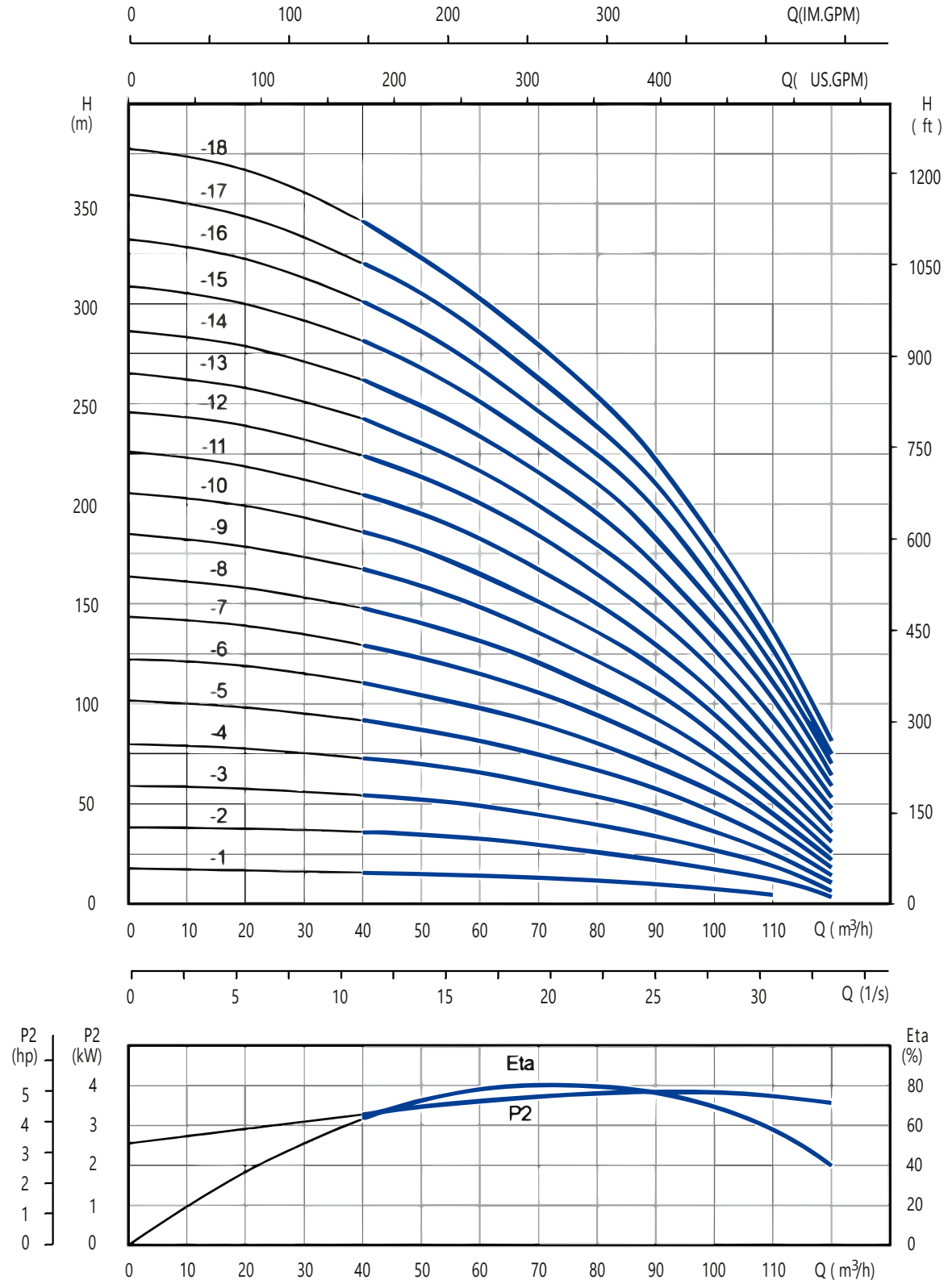
* Items with slash symbol represent data for 6S/8S motor connection.

Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)								
		30	40	50	60	70	75	80	90	100
PQ75-1	4	18	17	15.5	14.5	13	12	11	9	5.5
PQ75-2	7.5	36.5	34.5	32	30	27	25	23	19	12.5
PQ75-3	11	54.5	52.5	49	45	41	38	35.5	29	21.5
PQ75-4	15	73.5	71	66.5	61	55.5	52	48	40	30
PQ75-5	18.5	92	89	83	76	70	65	60.5	51	38
PQ75-6	22	111	107	100	91	84	79	73	62	47
PQ75-7	30	130	125	118	107	98	93	87	73	56
PQ75-8	30	148	143	135	124	113	107	101	85	65
PQ75-9	37	167	161	152	140	128	121	114	96	74
PQ75-10	37	185	178	169	157	143	135	127	107	83
PQ75-11	45	203	196	185	172	158	148	139	118	92
PQ75-12	45	222	214	202	188	172	162	152	129	100
PQ75-13	55	241	232	220	204	186	175	164	139	108
PQ75-14	55	262	251	238	220	200	188	176	149	116
PQ75-15	55	283	271	256	236	214	201	188	159	124
PQ75-16	63	303	291	274	253	229	215	202	169	133
PQ75-17	63	323	310	292	270	245	229	215	179	142
PQ75-18	75	342	329	309	286	259	243	228	190	150
PQ75-19	75	361	347	327	302	274	257	241	201	158
PQ75-20	75	381	366	345	318	288	271	254	212	167

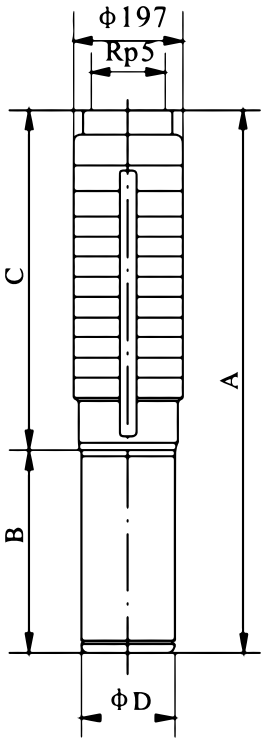
PQ95 (min. 8in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ95-1	1270	782	488	144	57
PQ95-2	1511/1431	897/800	614/631	144/184	83/105
PQ95-3	1720/1617	980/860	740/757	144/184	100/129
PQ95-4	1956/1773	1090/890	866/883	144/184	119/148
PQ95-5	2152/1949	1160/940	992/1009	144/184	138/175
PQ95-6	2360/2125	1242/990	1118/1135	144/184	155/188
PQ95-7	2626/2311	1382/1050	1244/1261	144/184	174/213
PQ95-8	2940/2537	1570/1150	1370/1387	144/184	202/231
PQ95-9	3066/2663	1570/1150	1496/1513	144/184	208/237
PQ95-10	2879	1240	1639	184	254
PQ95-11	3005	1240	1765	184	260
PQ95-12	3261	1370	1891	184	279
PQ95-13	3387	1370	2017	184	284
PQ95-14	3513	1370	2143	184	290
PQ95-15	3759	1490	2269	192	310
PQ95-16	3885	1490	2395	192	316
PQ95-17	4061	1540	2521	192	342
PQ95-18	4187	1540	2647	192	348



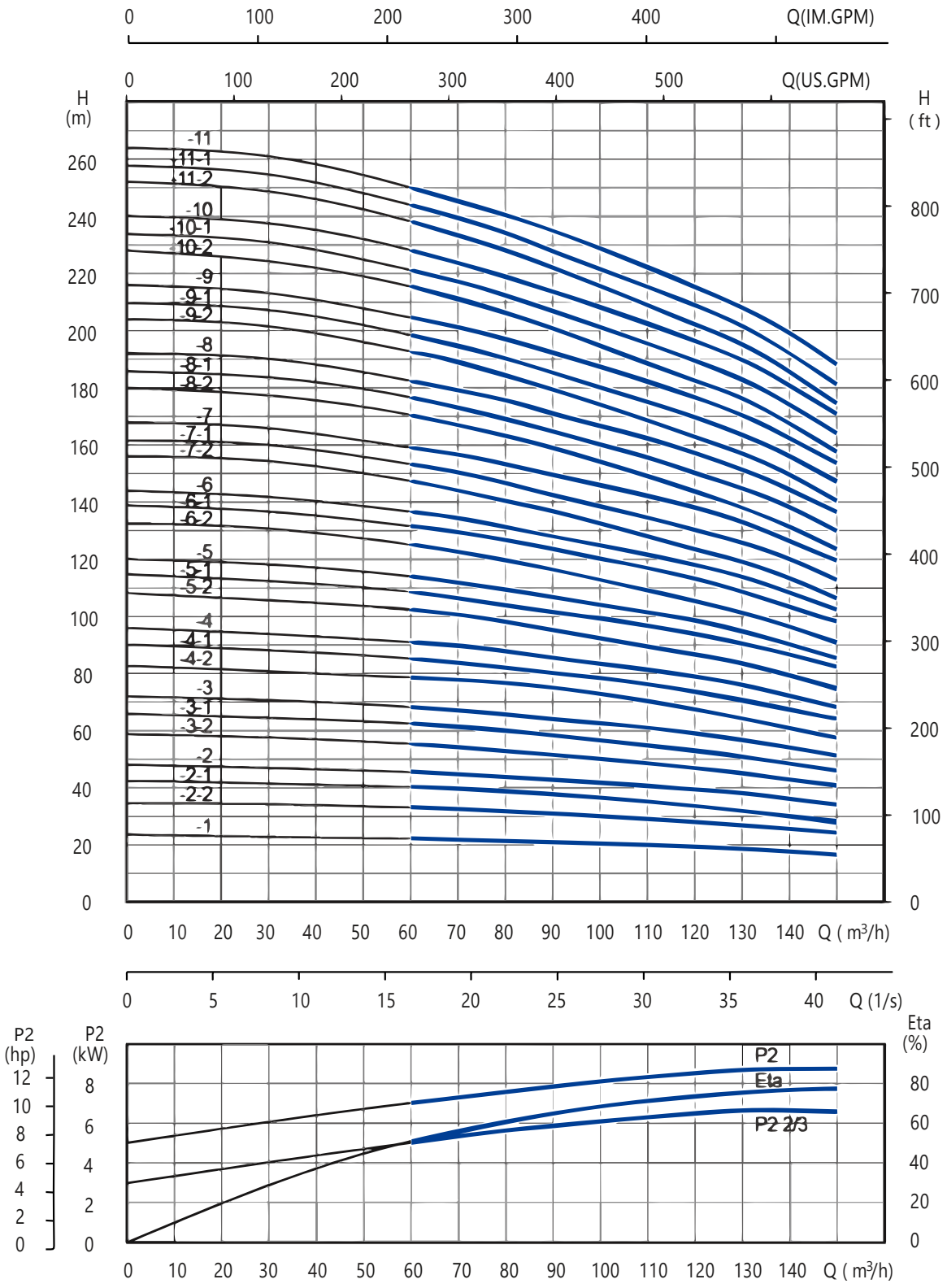
* Items with slash symbol represent data for 6S/8S motor connection.

Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)									
		40	50	60	70	80	90	95	100	110	120
PQ95-1	4	17.5	16.5	15.5	14	12.5	10.5	9.5	8	5	-
PQ95-2	9.2	36	34	32	28.5	26	21.5	20	17	12	3.5
PQ95-3	13	54	52	48.5	44.5	40	33	30	26	19	6
PQ95-4	18.5	72	70	65	60	54	45	41	36	25.5	10.5
PQ95-5	22	91	87	81.5	75	68	57	51.5	46	32	14.5
PQ95-6	25	110	104	98	90	81	69	62	55	38	18
PQ95-7	30	129	122	115	105	94	81	73	65	45	22
PQ95-8	37	148	141	131	120	108	93	84	75	52	26
PQ95-9	37	167	159	148	135	122	105	95	85	59	31
PQ95-10	45	186	177	165	151	136	117	106	95	67	36
PQ95-11	45	205	195	182	167	150	130	117	105	75	42
PQ95-12	55	224	213	199	183	165	143	129	116	84	48
PQ95-13	55	243	231	216	199	180	156	141	127	93	53
PQ95-14	55	262	249	233	215	195	169	153	138	102	59
PQ95-15	63	281	268	250	231	210	183	166	149	111	64
PQ95-16	63	301	286	267	247	225	197	178	160	119	70
PQ95-17	75	321	304	284	263	240	210	190	171	127	75
PQ95-18	75	342	323	302	279	255	222	202	182	135	81

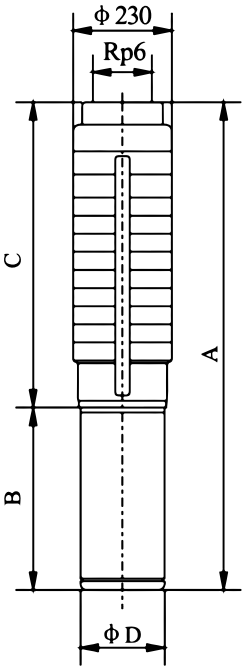
PQ120 (min. 10in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ120-1	1451/1380/–	920/820/–	531/560/–	144/184/–	96/121/–
PQ120-2-2	1721/1580/–	1030/860/–	691/720/–	144/184/–	111/135/–
PQ120-2-1	1781/1610/–	1090/890/–	691/720/–	144/184/–	118/140/–
PQ120-2	1921/1660/–	1230/940/–	691/720/–	144/184/–	127/155/–
PQ120-3-2	2093/1870/–	1242/990/–	851/880/–	144/184/–	142/173/–
PQ120-3-1	2233/1930/2002	1382/1050/1122	851/880/880	144/184/236	148/187/227
PQ120-3	2233/1930/2002	1382/1050/1122	851/880/880	144/184/236	148/187/227
PQ120-4-2	2581/2190/2202	1570/1150/1162	1011/1040/1040	144/184/236	166/210/252
PQ120-4-1	2581/2190/2202	1570/1150/1162	1011/1040/1040	144/184/236	166/210/252
PQ120-4	2581/2190/2202	1570/1150/1162	1011/1040/1040	144/184/236	166/210/252
PQ120-5-2	–/2440/2392	–/1240/1192	–/1200/1200	–/184/236	–/233/282
PQ120-5-1	–/2440/2392	–/1240/1192	–/1200/1200	–/184/236	–/233/282
PQ120-5	–/2570/2472	–/1370/1272	–/1200/1200	–/184/236	–/253/315
PQ120-6-2	–/2730/2632	–/1370/1272	–/1360/1360	–/184/236	–/261/323
PQ120-6-1	–/2730/2632	–/1370/1272	–/1360/1360	–/184/236	–/261/323
PQ120-6	–/2850/2692	–/1490/1332	–/1360/1360	–/184/236	–/288/341
PQ120-7-2	–/3010/2852	–/1490/1332	–/1520/1520	–/192/236	–/296/349
PQ120-7-1	–/3010/2852	–/1490/1332	–/1520/1520	–/192/236	–/296/349
PQ120-7	–/3060/2942	–/1540/1422	–/1520/1520	–/192/236	–/306/387
PQ120-8-2	–/3220/3102	–/1540/1422	–/1680/1680	–/192/236	–/314/395
PQ120-8-1	–/3220/3102	–/1540/1422	–/1680/1680	–/192/236	–/314/395
PQ120-8	–/3220/3102	–/1540/1422	–/1680/1680	–/192/236	–/314/395
PQ120-9-2	–/3484/3371	–/1644/1531	–/1840/1840	–/192/236	–/342/416
PQ120-9-1	–/3484/3371	–/1644/1531	–/1840/1840	–/192/236	–/342/416
PQ120-9	–/3484/3371	–/1644/1531	–/1840/1840	–/192/236	–/342/416
PQ120-10-2	–3644/3531	–/1644/1531	–/2000/2000	–/192/236	–/350/424
PQ120-10-1	–3644/3531	–/1644/1531	–/2000/2000	–/192/236	–/350/424
PQ120-10	–/3764/3641	–/1764/1641	–/2000/2000	–/192/236	–/376/461
PQ120-11-2	–/3924/3801	–/1764/1641	–/2160/2160	–/192/236	–/384/469
PQ120-11-1	–/3924/3801	–/1764/1641	–/2160/2160	–/192/236	–/384/469
PQ120-11	–/3924/3801	–/1764/1641	–/2160/2160	–/192/236	–/384/469



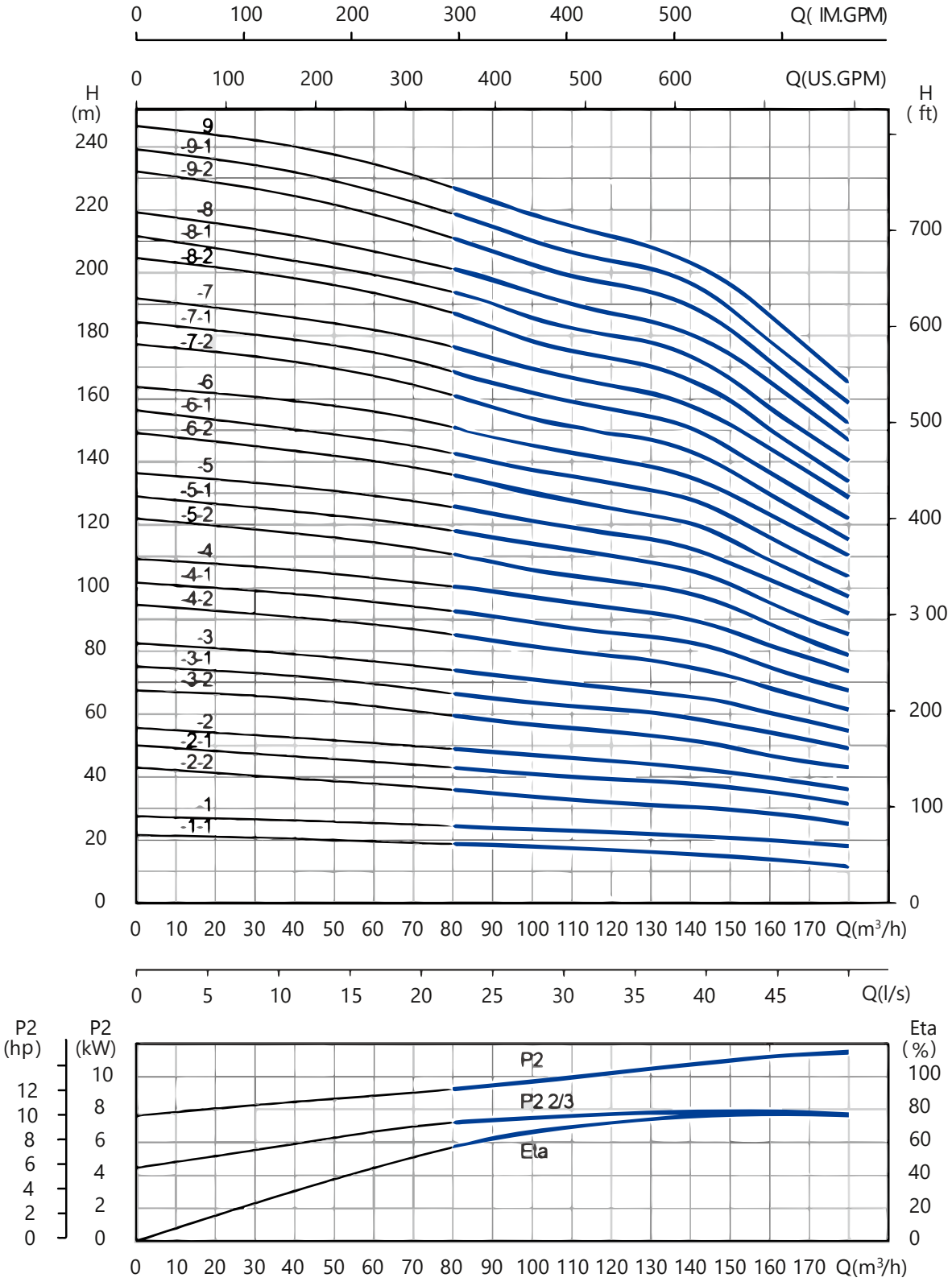
* Items with slash symbol represent data for 6S/8S/10S motor connection.

Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)									
		60	70	80	90	100	110	120	130	140	150
PQ120-1	11	22.5	22	21.5	21	20.5	20	19	18.5	17.5	16.5
PQ120-2-2	15	33.5	33	32	30	29	28.5	27.5	26.5	24.5	24
PQ120-2-1	18.5	40.5	40	38.5	37.5	36	35.5	33.5	32.5	29.5	28
PQ120-2	22	45.5	44.5	43.5	42.5	41.5	40.5	39	38	36	34
PQ120-3-2	25	55	54.5	52.5	51	49.5	48.5	46.5	45	42.5	40.5
PQ120-3-1	30	62.5	61.5	60	58	56	54	53.5	51	48.5	46
PQ120-3	30	68	67	65.5	64	62	61	59	57	54	51
PQ120-4-2	37	78.5	77	75	72.5	70.5	69	66.5	65	60.5	57.5
PQ120-4-1	37	85	84	82	79.5	77	76	73.5	71	67	64
PQ120-4	37	90.5	89.5	87.5	85.5	83	81.5	78.5	76	72	68
PQ120-5-2	45	102	100.5	97.5	95	91.5	90	86.5	84	79	74.5
PQ120-5-1	45	108.5	106.5	103.5	101	98.5	96.5	94	91	86.5	82
PQ120-5	55	113.5	112	109.5	106.5	103.5	101.5	98.5	95	90	85
PQ120-6-2	55	125	122.5	119	116.5	112.5	109	104.5	101.5	96	90.5
PQ120-6-1	55	131	129.5	126.5	123.5	120	117	113	109	103	98
PQ120-6	63	136	134.5	131	127.5	124.5	121.5	118	114	108	102
PQ120-7-2	63	147	144	140.5	136.5	132.5	128	123	119	113	106
PQ120-7-1	63	153	150	146.5	142.5	138.5	135	130	125.5	120	112.5
PQ120-7	75	159	156.5	153	149	145	142	138	133	126	119.5
PQ120-8-2	75	170	167	164.5	158	153	148.5	143	138	131.5	123
PQ120-8-1	75	175.5	173	168.5	163.5	159	155.5	150	145	138	129.5
PQ120-8	75	181.5	179.5	175	170.5	166	163	157.5	152.5	144	136.5
PQ120-9-2	90	192.5	189	184	179.5	174	168.5	162.5	157	149.5	140
PQ120-9-1	90	198	195	190.5	185	180	175.5	169.5	164	156	147
PQ120-9	90	204	201.5	198	191.5	186.5	182.5	177.5	171.5	162	153.5
PQ120-10-2	90	215.5	211	206	200.5	194.5	188.5	182.5	176.5	167.5	157.5
PQ120-10-1	90	221	217	212	206.5	200.5	195.5	189.5	183	174	164
PQ120-10	110	227	223.5	219	213	207.5	202.5	197	190.5	180	170.5
PQ120-11-2	110	238	233	228	222	215.5	208	202	195.5	185.5	174.5
PQ120-11-1	110	243.5	239.5	234	227.5	221.5	215	209	202	192	181
PQ120-11	110	250	245.5	241	234.5	228	222.5	216.5	209.5	198.5	187.5

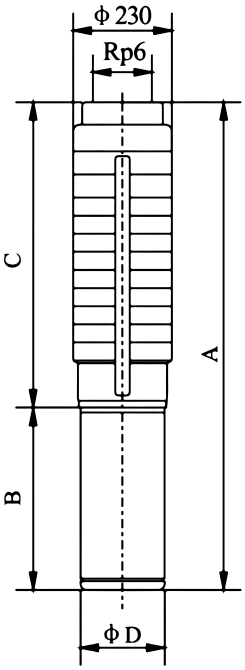
PQ150 (min. 10in borehole diameter)

Performance Curve



Dimension

Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PQ150-1-1	1428/1360/–	897/800/–	531/560/–	144/184/–	92/117/–
PQ150-1	1561/1420/–	1030/860/–	531/560/–	144/184/–	100/124/–
PQ150-2-2	1781/1610/–	1090/890/–	691/720/–	144/184/–	119/141/–
PQ150-2-1	1851/1660/–	1160/940/–	691/720/–	144/184/–	128/156/–
PQ150-2	1933/1710/–	1242/990/–	691/720/–	144/184/–	135/166/–
PQ150-3-2	2233/1930/2002	1382/1050/1122	851/880/880	144/184/236	149/188/228
PQ150-3-1	2421/2030/2042	1570/1150/1162	851/880/880	144/184/236	158/202/246
PQ150-3	2421/2030/2042	1570/1150/1162	851/880/880	–/184/236	158/202/246
PQ150-4-2	–/2280/2232	–/1240/1192	–/1040/1040	–/184/236	–/225/274
PQ150-4-1	–/2280/2232	–/1240/1192	–/1040/1040	–/184/236	–/225/274
PQ150-4	–/2410/2312	–/1370/1272	–/1040/1040	–/184/236	–/245/307
PQ150-5-2	–/2570/2472	–/1370/1272	–/1200/1200	–/184/236	–/253/315
PQ150-5-1	–/2570/2472	–/1370/1272	–/1200/1200	–/192/236	–/253/315
PQ150-5	–/2690/2532	–/1490/1332	–/1200/1200	–/192/236	–/280/333
PQ150-6-2	–/2850/2692	–/1490/1332	–/1360/1360	–/192/236	–/288/341
PQ150-6-1	–/2900/2782	–1540/1422	–/1360/1360	–/192/236	–/298/379
PQ150-6	–/2900/2782	–1540/1422	–/1360/1360	–/192/236	–/298/379
PQ150-7-2	–/3060/2942	–1540/1422	–/1520/1520	–/192/236	–306/387
PQ150-7-1	–/3164/3051	–/1644/1531	–/1520/1520	–/192/236	–/326/400
PQ150-7	–/3164/3051	–/1644/1531	–/1520/1520	–/192/236	–/326/400
PQ150-8-2	–/3324/3211	–/1644/1531	–/1680/1680	–/192/236	–/334/408
PQ150-8-1	–/3444/3321	–/1764/1641	–/1680/1680	–/192/236	–/360/426
PQ150-8	–/3444/3321	–/1764/1641	–/1680/1680	–/192/236	–/360/426
PQ150-9-2	–/3604/3481	–/1764/1641	–/1840/1840	–/192/236	–/369/435
PQ150-9-1	–/3604/3481	–/1764/1641	–/1840/1840	–/192/236	–/369/435
PQ150-9	–/3604/3481	–/1764/1641	–/1840/1840	–/192/236	–/369/435



* Items with slash symbol represent data for 6S/8S/10S motor connection.

Data Sheet

Type	Power (kW)	Head (m) @ Different Flow Rates (m^3/h)										
		80	90	100	110	120	130	140	150	160	170	180
PQ150-1-1	9.2	18.5	18	17.5	17	16.5	16	15	14.5	13.5	13	11.5
PQ150-1	13	24	23.5	23	22.5	22	21.5	21	20	19.5	19	18
PQ150-2-2	18.5	35.5	34	32	31.5	31	29.5	29	28.5	28	27	25
PQ150-2-1	22	43	41.5	40	39	38.5	38	37.5	36	35.5	34	31
PQ150-2	25	48.5	47.5	46	45	44.5	44	42.5	41	39.5	38	36
PQ150-3-2	30	60	57	54.5	54	53.5	53	52.5	49.5	46.5	44.5	43
PQ150-3-1	37	66.5	64	62.5	61.5	60.5	60	59.5	56.5	54	51.5	49
PQ150-3	37	74.5	72.5	70.5	69.5	68	67.5	65.5	63.5	60	57.5	54.5
PQ150-4-2	45	85.5	83	80	79	77.5	77	76	73	66.5	63.5	61
PQ150-4-1	45	93	90	87.5	86.5	84.5	83.5	83	79.5	73.5	70.5	67
PQ150-4	55	100.5	98	96	94.5	93	92.5	89.5	86.5	80.5	77.5	73
PQ150-5-2	55	111.5	107	104	103	102	101	98	94	86.5	81.5	78.5
PQ150-5-1	55	118.5	114.5	112	110.5	108.5	107	105.5	101	94	89.5	85
PQ150-5	63	126	122.5	120	118	116	115	112.5	108.5	101.5	97	91.5
PQ150-6-2	63	137	131.5	128	126.5	123	122	120.5	115.5	107	101	97
PQ150-6-1	75	144	139	136	134	132	131.5	128	122.5	114.5	109	103.5
PQ150-6	75	151.5	147	144	141.5	139.5	138	135	130	122	116.5	110
PQ150-7-2	75	162.5	156	152.5	150.5	146	145	143	138	128	121	115
PQ150-7-1	90	169.5	163.5	160.5	158	155	153	150.5	145	135.5	129	121.5
PQ150-7	90	177	171.5	168.5	165.5	163.5	162.5	157.5	152.5	143	136.5	128
PQ150-8-2	90	188	180.5	177	174.5	172	171	165.5	160.5	149	140.5	133.5
PQ150-8-1	110	195	188	185	182	180	178.5	173	168.5	156.5	148.5	140
PQ150-8	110	202.5	196	193	189.5	187	186	180	175	164	156	146.5
PQ150-9-2	110	213.5	205	201.5	198	196	194	188.5	182.5	170.5	160	152
PQ150-9-1	110	220.5	212.5	209.5	205.5	203	201.5	196	189.5	178	168	158.5
PQ150-9	110	228	220.5	217.5	213	210	209	203	197	185.5	175.5	165