Multistage submersible hydraulic ends

Cast Iron Hydraulic Ends

6″ to 10″

Flow rates up to 400 m³/h and heads up to 398 m for deep wells, irrigation and industrial applications.

FT-FUND-6-10 · Rev. 1



Multistage centrifugal hydraulic ends for clean water. The body and impellers are GG25 cast iron; the internal components are AISI 304 stainless steel.

Applications

- Clean water abstraction from deep boreholes, wells, dams and lakes.
- Urban and rural water supply.
- Large-scale agricultural irrigation.
- Fire-fighting systems.
- Industrial processes and pressurization systems.

Operating conditions

- Never run the pump dry. Not even for a short trial run.
- A cooling jacket must be installed if the well diameter is considerably larger than the pump.
- Check rotation direction on three-phase motors.
- Mandatory installation with metallic piping.
- Install a non-return valve on the delivery pipe.
- Mandatory protection: Overload, Short-circuit and Dry running.

Engineering note	To extend service life in sandy boreholes, install the pump at least 2 m above the bottom.
Complementary equipment	Control panels · Cooling jackets · Electric cables
Resources and support	Technical glossary · Hydraulic calculator · Product comparison
Contact	+351 253 490 740 · joval@joval.pt

Technical specifications

Reference diagrams

Max Flow
Up to 400 m³/h a 2850 rpm

Max Head
Up to 398 m

Discharge
3”, 4”, 5” or 6”, depending on the model (6″ to 10″)

Standards
ISO 9906

Type
Multistage centrifugal pump

Suction and discharge body
GG25 grey cast iron

Impeller
GG25 grey cast iron

Shaft, filter and coupling
Stainless Steel AISI 304 (1.4301)

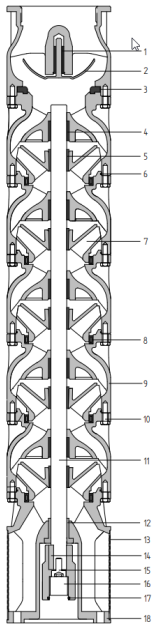
Valve, cable guard and bolts
Stainless Steel AISI 304 (1.4301)

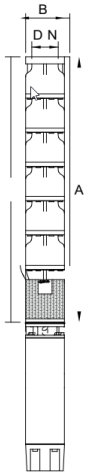
Wear bushings
Anti-friction rubber with metallic core

Coupling
NEMA standard (1-18-388)

Efficiency Index (MEI)
≥ 0,70

Warranty
24 months





Materials Dimensions and models

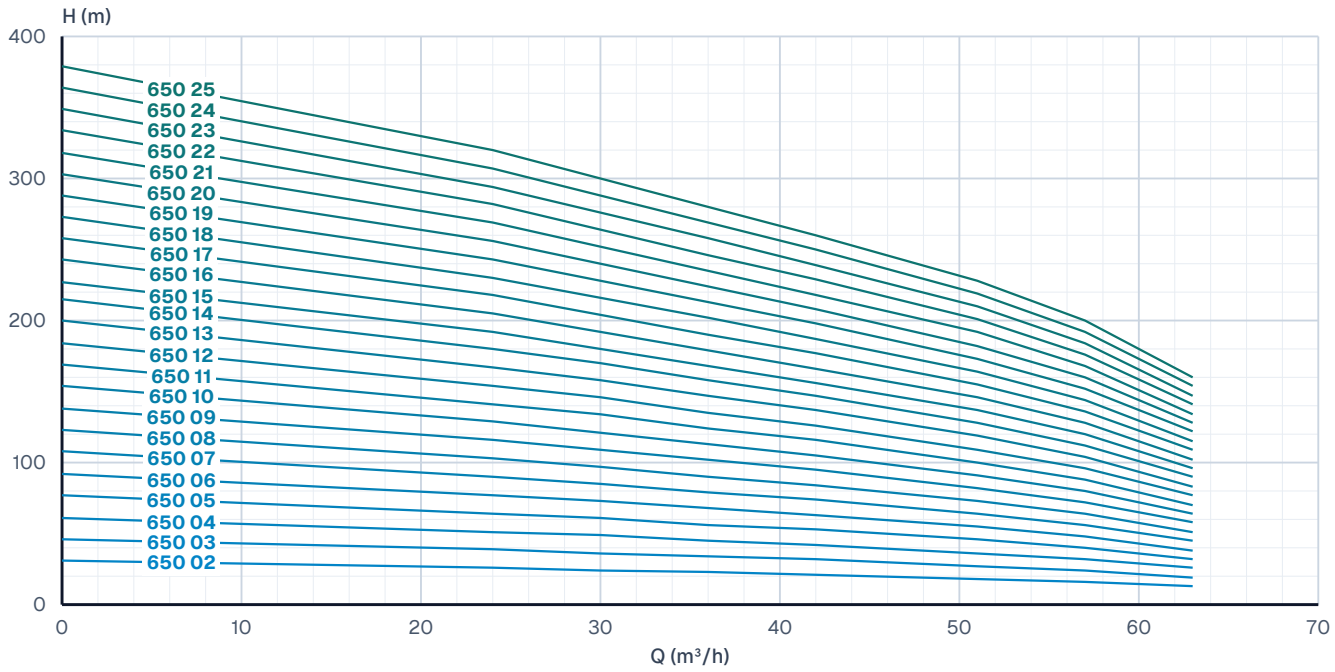
List of materials

18 positions

Pos.	Description	Standard material	Bronze material
1	Bushing	Polyurethane	Polyurethane
2	Valve	AISI 304 stainless steel	AISI 304 stainless steel
3	O´ring	Nitrile rubber	Nitrile rubber
4	Bushing with stainless steel reinforcement	Nitrile rubber with stainless steel	Nitrile rubber with stainless steel
5	Bushing	AISI 304 stainless steel	AISI 304 stainless steel
6	O´ring	Rubber	Rubber
7	Impeller	GG25 cast iron	Bronze B10
8	Wear ring (stainless steel reinforcement)	Nitrile rubber with stainless steel	Nitrile rubber with stainless steel
9	Diffuser	GG25 cast iron	Bronze B10
10	DIN 933 bolt	AISI 316 stainless steel	AISI 316 stainless steel
11	Shaft	AISI 304 stainless steel	AISI 316 stainless steel
12	Bushing	Bronze B10	Bronze B10
13	Suction filter	AISI 304 stainless steel	AISI 304 stainless steel
14	Key	AISI 316 stainless steel	AISI 316 stainless steel
15	DIN 912 bolt	AISI 316 stainless steel	AISI 316 stainless steel
16	Coupling	AISI 304 stainless steel	AISI 316 stainless steel
17	O´ring	Rubber	Rubber
18	Suction chamber	GG25 cast iron	Bronze B10

Series 650 · 6″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
650 02	3"	607	-	27
650 03	3"	724	-	33
650 04	3"	841	-	39
650 05	3"	958	-	45
650 06	3"	1075	-	51
650 07	3"	1192	-	57
650 08	3"	1309	-	63
650 09	3"	1426	-	69
650 10	3"	1543	-	75
650 11	3"	1660	-	81
650 12	3"	1777	-	87
650 13	3"	1894	-	93

Model	DN	A (mm)	B (mm)	Weight (kg)
650 14	3"	2011	-	99
650 15	3"	2128	-	105
650 16	3"	2245	-	111
650 17	3"	2362	-	117
650 18	3"	2479	-	122
650 19	3"	2596	-	128
650 20	3"	2713	-	134
650 21	3"	2830	-	140
650 22	3"	2947	-	146
650 23	3"	3050	-	152
650 24	3"	3167	-	158
650 25	3"	3284	-	164

Series 650 · 6″

Hydraulic performance

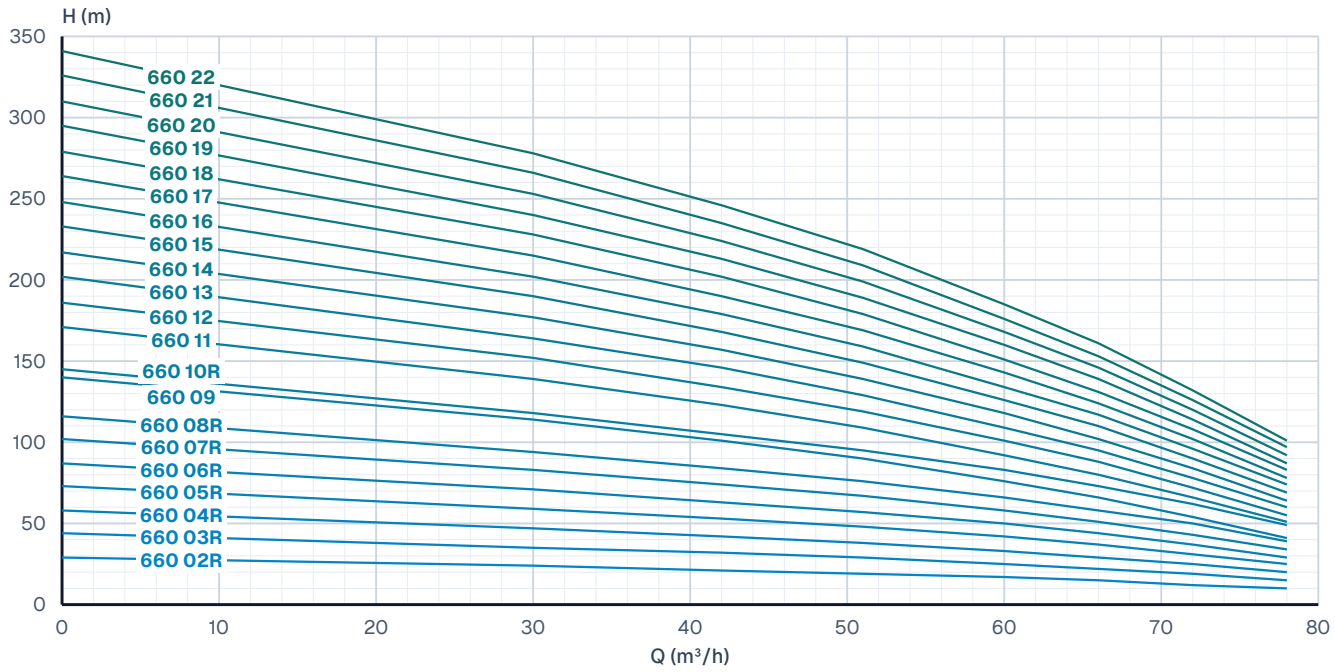
Total head H in metres

Model	Motor kW	Motor HP	Ø	Q · Flow (m³/h) 0	24	30	36	42	51	57	63
650 02	4	5,5	-	31	26	24	23	21	18	16	13
650 03	5,5	7	-	46	39	36	34	32	27	24	19
650 04	7,5	10	-	61	51	49	45	42	36	32	26
650 05	9,3	12,5	-	77	64	61	56	53	46	40	32
650 06	11	15	-	92	77	73	68	63	55	48	38
650 07	13	17,5	-	108	90	85	79	74	64	56	45
650 08	15	20	-	123	103	97	90	84	73	64	51
650 09	18,5	25	-	138	116	109	102	95	82	72	58
650 10	18,5	25	-	154	129	121	113	105	91	80	64
650 11	22	30	-	169	141	134	124	116	100	88	70
650 12	22	30	-	184	154	146	135	126	109	96	77
650 13	26	35	-	200	167	158	147	137	119	104	83
650 14	26	35	-	215	180	170	158	147	128	112	90
650 15	30	40	-	227	192	180	168	156	137	120	96
650 16	30	40	-	243	205	192	179	166	146	128	102
650 17	30	40	-	258	218	204	190	177	155	136	109
650 18	37	50	-	273	230	216	202	187	164	144	115
650 19	37	50	-	288	243	228	213	198	173	152	122
650 20	37	50	-	303	256	240	224	208	182	160	128
650 21	37	50	-	318	269	252	235	218	192	168	134
650 22	45	60	-	334	282	264	246	229	201	176	141
650 23	45	60	-	349	294	276	258	239	210	184	147
650 24	45	60	-	364	307	288	269	250	219	192	154
650 25	45	60	-	379	320	300	280	260	228	200	160

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 660 · 6″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
660 02R	3"	607	-	27
660 03R	3"	724	-	33
660 04R	3"	841	-	39
660 05R	3"	958	-	45
660 06R	3"	1075	-	51
660 07R	3"	1192	-	57
660 08R	3"	1309	-	63
660 09	3"	1426	-	69
660 10R	3"	1543	-	75
660 11	3"	1660	-	81
660 12	3"	1777	-	87

Model	DN	A (mm)	B (mm)	Weight (kg)
660 13	3"	1894	-	93
660 14	3"	2011	-	99
660 15	3"	2128	-	105
660 16	3"	2245	-	111
660 17	3"	2362	-	117
660 18	3"	2479	-	122
660 19	3"	2596	-	128
660 20	3"	2713	-	134
660 21	3"	2830	-	140
660 22	3"	2947	-	146

Series 660 · 6″

Hydraulic performance

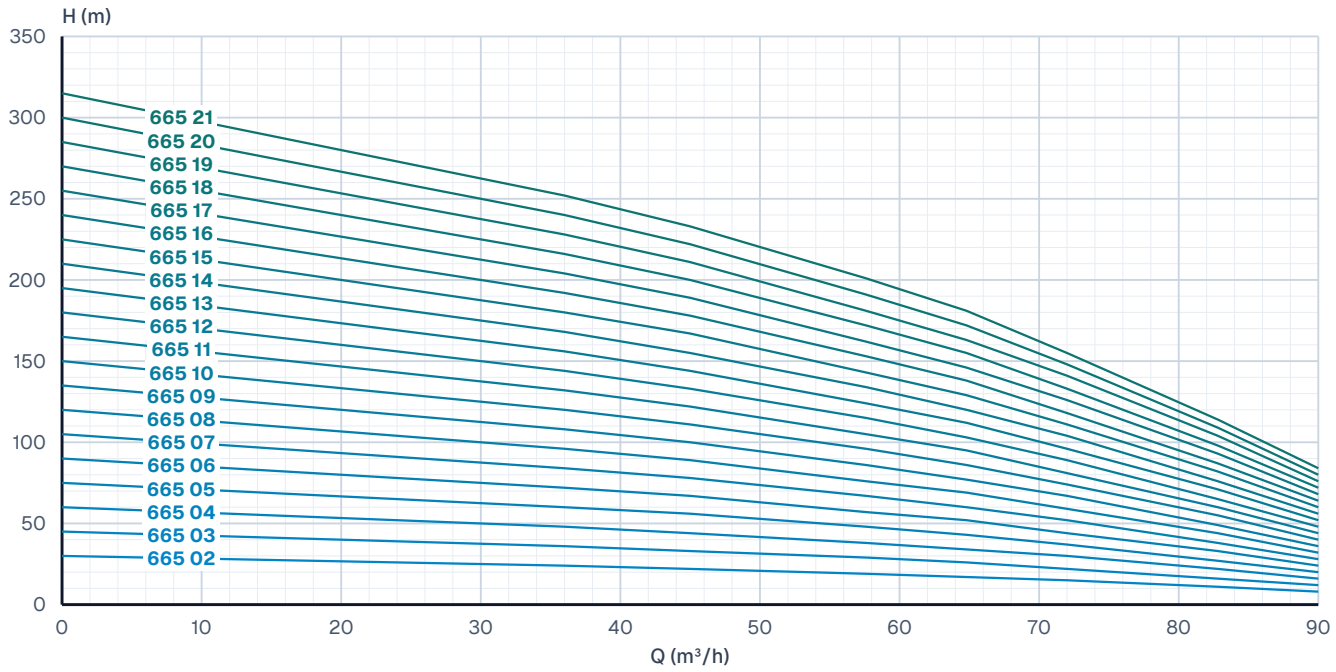
Total head H in metres

Model	Motor kW	Motor HP	Ø	Q · Flow (m³/h) 0	30	42	51	60	66	72	78
660 02R	4	5,5	-	29	24	21	19	17	15	12	10
660 03R	5,5	7	-	44	35	32	29	25	22	19	15
660 04R	7,5	10	-	58	47	42	38	33	29	25	20
660 05R	9,3	12,5	-	73	59	53	48	42	37	31	25
660 06R	11	15	-	87	71	63	57	50	44	37	29
660 07R	13	17,5	-	102	83	74	67	58	51	43	34
660 08R	15	20	-	116	94	84	76	66	58	50	39
660 09	18,5	25	-	140	114	101	90	76	66	54	41
660 10R	18,5	25	-	145	118	105	95	83	73	62	49
660 11	22	30	-	171	139	123	109	92	80	66	51
660 12	26,5	35	-	186	152	134	119	101	88	72	55
660 13	26,5	35	-	202	164	146	129	109	95	78	60
660 14	30	40	-	217	177	157	139	118	102	84	64
660 15	30	40	-	233	190	168	149	126	110	90	69
660 16	37	50	-	248	202	179	159	134	117	96	74
660 17	37	50	-	264	215	190	169	143	124	102	78
660 18	37	50	-	279	228	202	179	151	131	108	83
660 19	37	50	-	295	240	213	189	160	139	114	87
660 20	45	60	-	310	253	224	199	168	146	120	92
660 21	45	60	-	326	266	235	209	176	153	126	97
660 22	45	60	-	341	278	246	219	185	161	132	101

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 665 · 6″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
665 02	3"	607	-	27
665 03	3"	724	-	33
665 04	3"	841	-	39
665 05	3"	958	-	45
665 06	3"	1075	-	51
665 07	3"	1192	-	57
665 08	3"	1309	-	63
665 09	3"	1426	-	69
665 10	3"	1543	-	75
665 11	3"	1660	-	81

Model	DN	A (mm)	B (mm)	Weight (kg)
665 12	3"	1777	-	87
665 13	3"	1894	-	93
665 14	3"	2011	-	99
665 15	3"	2128	-	105
665 16	3"	2245	-	111
665 17	3"	2362	-	117
665 18	3"	2479	-	122
665 19	3"	2596	-	128
665 20	3"	2713	-	134
665 21	3"	2830	-	140

Series 665 · 6″

Hydraulic performance

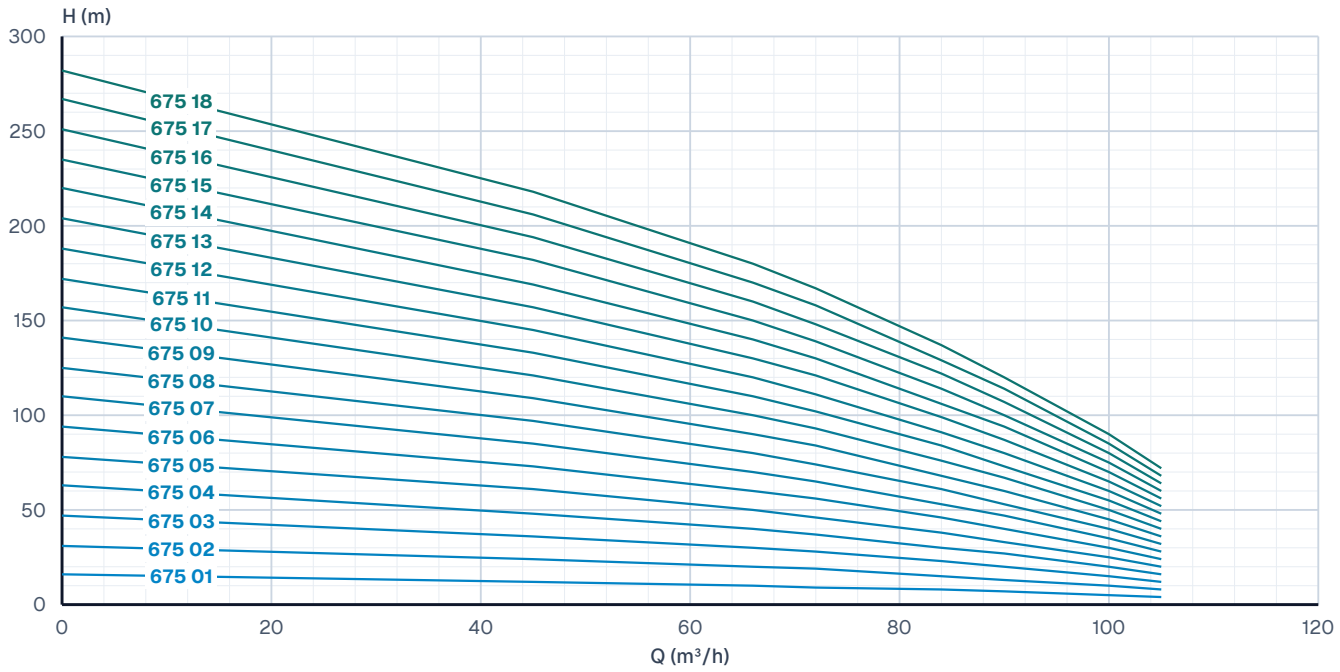
Total head H in metres

Model	Motor		Ø	Q · Flow (m³/h)							
	kW	HP		0	36	45	57,6	64,8	72	82,8	90
665 02	4	5,5	-	30	24	22	19	17	15	11	8
665 03	7,5	10	-	45	36	33	29	26	22	16	12
665 04	9,3	12,5	-	60	48	44	38	34	30	22	16
665 05	11	15	-	75	60	56	48	43	37	27	20
665 06	13	17,5	-	90	72	67	57	52	44	33	24
665 07	15	20	-	105	84	78	67	60	52	38	28
665 08	18,5	25	-	120	96	89	76	69	59	44	32
665 09	22	30	-	135	108	100	86	77	67	49	36
665 10	26,5	35	-	150	120	111	96	86	74	55	40
665 11	26,5	35	-	165	132	122	105	95	81	60	44
665 12	30	40	-	180	144	133	115	103	89	65	48
665 13	30	40	-	195	156	144	124	112	96	71	52
665 14	37	50	-	210	168	155	134	120	104	76	56
665 15	37	50	-	225	180	167	143	129	111	82	60
665 16	37	50	-	240	192	178	153	138	118	87	64
665 17	37	50	-	255	204	189	162	146	126	93	68
665 18	45	60	-	270	216	200	172	155	133	98	72
665 19	45	60	-	285	228	211	181	163	141	104	76
665 20	45	60	-	300	240	222	191	172	148	109	80
665 21	45	60	-	315	252	233	201	181	155	114	84

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 675 · 6″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
675 01	4"	490	-	21
675 02	4"	607	-	27
675 03	4"	724	-	33
675 04	4"	841	-	39
675 05	4"	958	-	45
675 06	4"	1075	-	51
675 07	4"	1192	-	57
675 08	4"	1309	-	63
675 09	4"	1426	-	69

Model	DN	A (mm)	B (mm)	Weight (kg)
675 10	4"	1543	-	75
675 11	4"	1660	-	81
675 12	4"	1777	-	87
675 13	4"	1894	-	93
675 14	4"	2011	-	99
675 15	4"	2128	-	105
675 16	4"	2245	-	111
675 17	4"	2362	-	117
675 18	4"	2479	-	122

Series 675 · 6″

Hydraulic performance

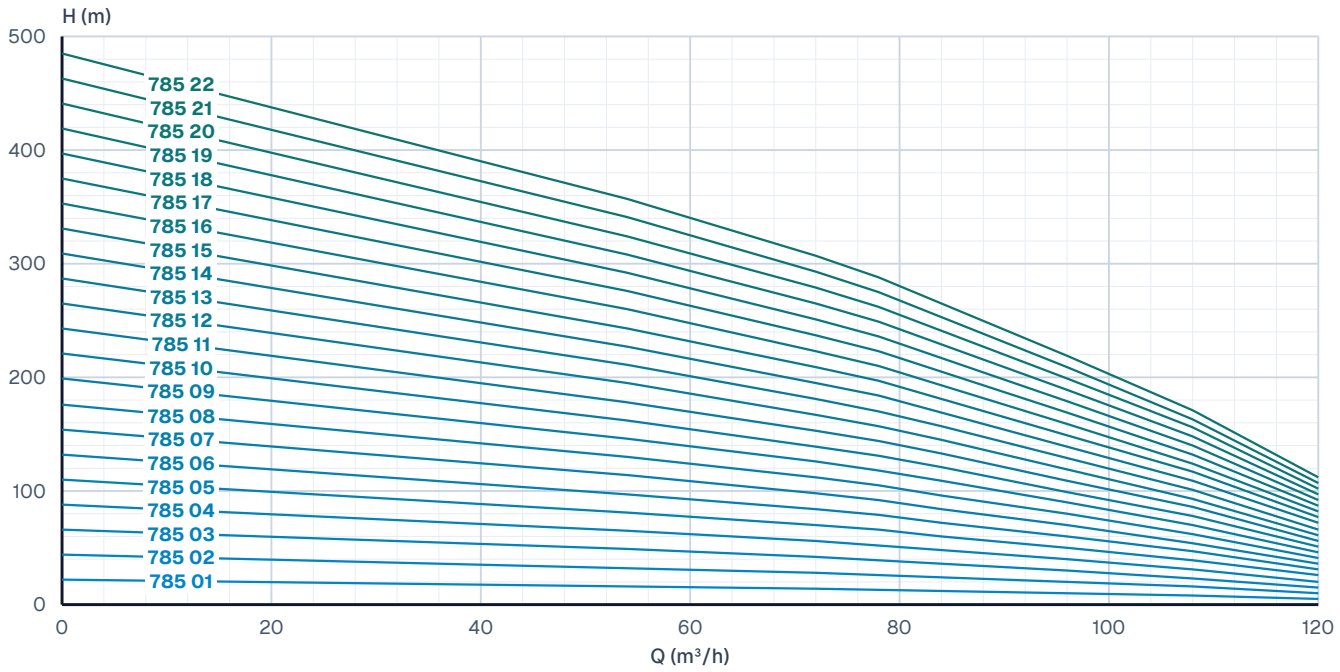
Total head H in metres

Model	Motor		Ø	Q · Flow (m³/h)							
	kW	HP		0	45	66	72	84	90	100	105
675 01	4	5,5	-	16	12	10	9	8	7	5	4
675 02	5,5	7,5	-	31	24	20	19	15	13	10	8
675 03	9,3	12,5	-	47	36	30	28	23	20	15	12
675 04	11	15	-	63	48	40	37	30	27	20	16
675 05	13	17,5	-	78	61	50	46	38	33	25	20
675 06	15	20	-	94	73	60	56	46	40	30	24
675 07	18,5	25	-	110	85	70	65	53	47	35	28
675 08	22	30	-	125	97	80	74	61	53	40	32
675 09	22	30	-	141	109	90	84	68	60	45	36
675 10	26,5	35	-	157	121	100	93	76	67	50	40
675 11	30	40	-	172	133	110	102	84	73	55	44
675 12	30	40	-	188	145	120	111	91	80	60	48
675 13	37	50	-	204	157	130	121	99	87	65	52
675 14	37	50	-	220	169	140	130	106	94	70	56
675 15	37	50	-	235	182	150	139	114	100	75	60
675 16	45	60	-	251	194	160	148	122	107	80	64
675 17	45	60	-	267	206	170	158	129	114	85	68
675 18	45	60	-	282	218	180	167	137	120	90	72

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 785 · 7″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
785 01	4"	543	-	32
785 02	4"	678	-	41
785 03	4"	813	-	51
785 04	4"	948	-	60
785 05	4"	1083	-	70
785 06	4"	1218	-	79
785 07	4"	1353	-	89
785 08	4"	1488	-	98
785 09	4"	1623	-	108
785 10	4"	1758	-	117
785 11	4"	1893	-	127

Model	DN	A (mm)	B (mm)	Weight (kg)
785 12	4"	2028	-	136
785 13	4"	2163	-	146
785 14	4"	2298	-	155
785 15	4"	2433	-	165
785 16	4"	2568	-	174
785 17	4"	2703	-	184
785 18	4"	2838	-	193
785 19	4"	2973	-	203
785 20	4"	3108	-	212
785 21	4"	3243	-	222
785 22	4"	3378	-	231

Series 785 · 7″

Hydraulic performance

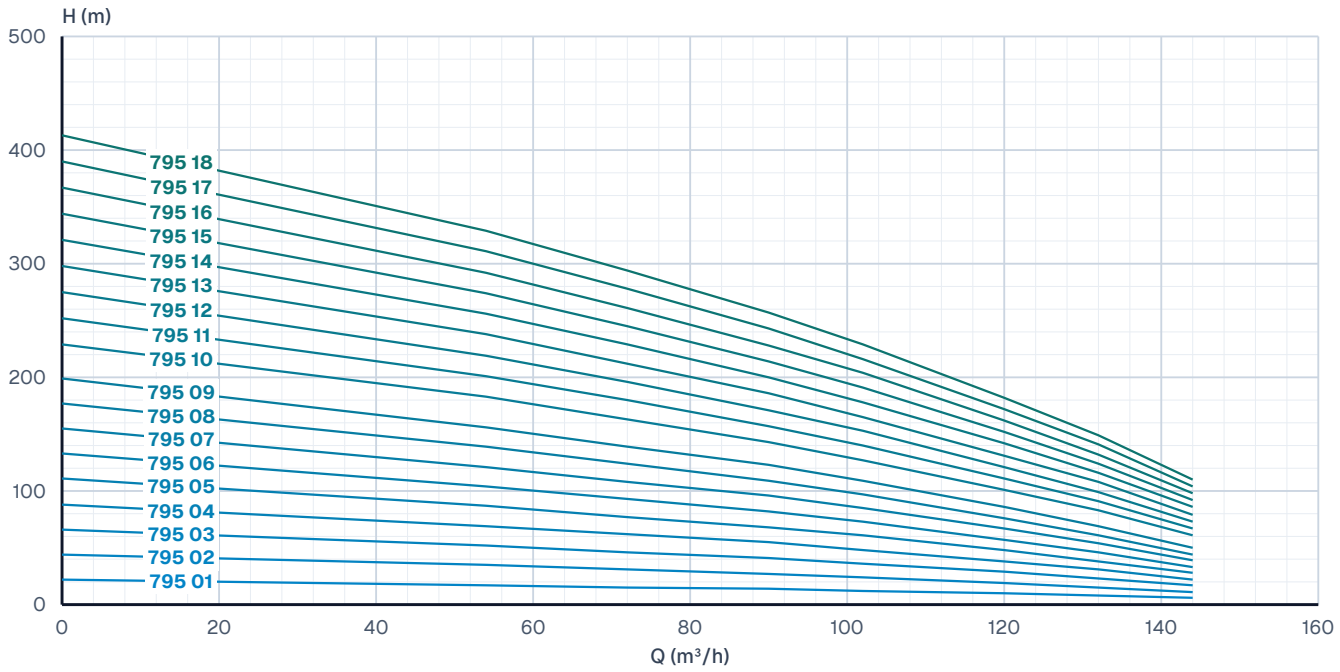
Total head H in metres

Model	Motor		Ø	Q · Flow (m³/h)							
	kW	HP		0	54	72	78	84	96	108	120
785 01	5,5	7,5	-	22	16	14	13	12	10	8	5
785 02	9,3	12,5	-	44	32	28	26	24	20	16	10
785 03	13	17,5	-	66	49	42	39	36	30	23	15
785 04	18,5	25	-	88	65	56	52	48	40	31	20
785 05	22	30	-	110	81	70	66	60	50	39	26
785 06	26,5	35	-	132	97	84	79	72	60	47	31
785 07	30	40	-	154	114	98	92	84	70	54	36
785 08	37	50	-	176	130	112	105	96	80	62	41
785 09	37	50	-	199	146	126	118	109	90	70	46
785 10	45	60	-	221	162	139	131	121	99	78	51
785 11	45	60	-	243	178	153	144	133	109	86	56
785 12	55	75	-	265	195	167	157	145	119	93	61
785 13	55	75	-	287	211	181	170	157	129	101	66
785 14	60	80	-	309	227	195	184	169	139	109	72
785 15	60	80	-	331	243	209	197	181	149	117	77
785 16	67	90	-	353	260	223	210	193	159	124	82
785 17	67	90	-	375	276	237	223	205	169	132	87
785 18	75	100	-	397	292	251	236	217	179	140	92
785 19	75	100	-	419	308	265	249	229	189	148	97
785 20	93	125	-	441	324	279	262	241	199	156	102
785 21	93	125	-	463	341	293	275	253	209	163	107
785 22	93	125	-	485	357	307	288	265	219	171	112

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 795 · 7″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
795 01	4"	543	-	32
795 02	4"	678	-	41
795 03	4"	813	-	51
795 04	4"	948	-	60
795 05	4"	1083	-	70
795 06	4"	1218	-	79
795 07	4"	1353	-	89
795 08	4"	1488	-	98
795 09	4"	1623	-	108

Model	DN	A (mm)	B (mm)	Weight (kg)
795 10	4"	1758	-	117
795 11	4"	1893	-	127
795 12	4"	2028	-	136
795 13	4"	2163	-	146
795 14	4"	2298	-	155
795 15	4"	2433	-	165
795 16	4"	2568	-	174
795 17	4"	2703	-	184
795 18	4"	2838	-	193

Series 795 · 7″

Hydraulic performance

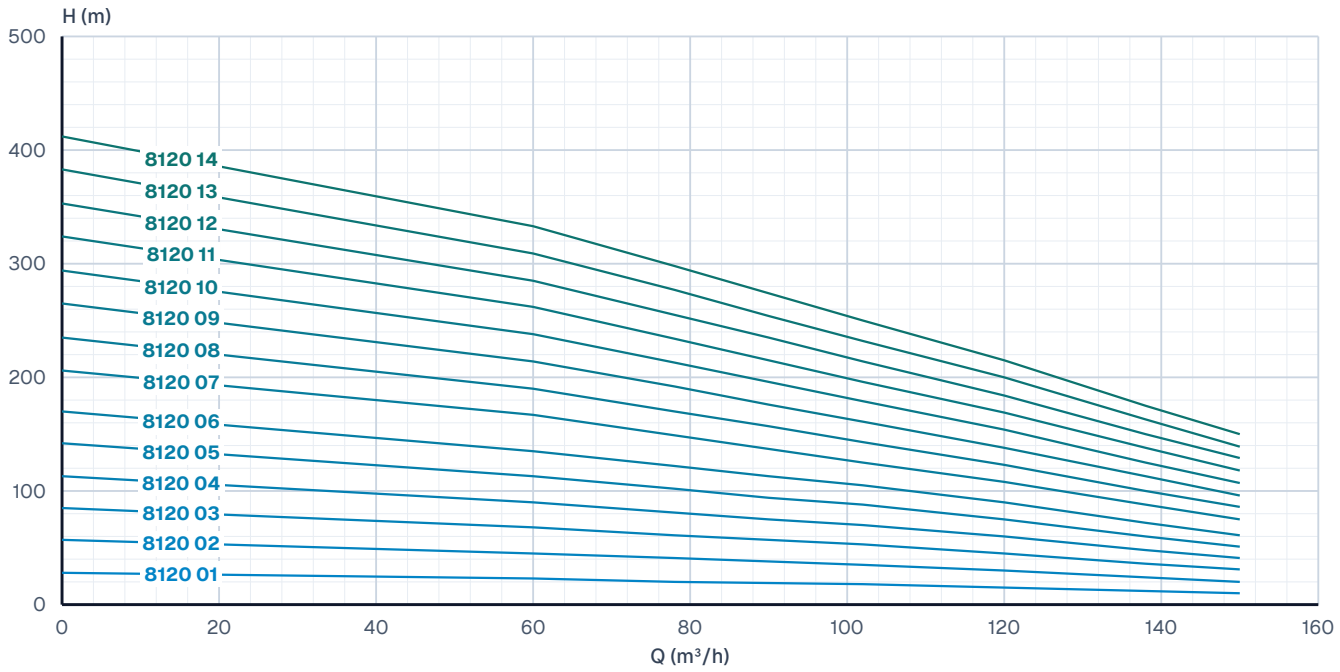
Total head H in metres

				Q · Flow (m³/h)							
Model	Motor		Ø	0	54	72	90	102	120	132	144
	kW	HP									
795 01	5,5	7,5	-	22	17	15	14	12	10	8	6
795 02	11	15	-	44	35	31	27	24	19	15	11
795 03	15	20	-	66	52	46	41	36	29	23	17
795 04	22	30	-	88	69	62	55	48	38	31	22
795 05	26,5	35	-	111	87	77	68	61	48	38	28
795 06	30	40	-	133	104	93	82	73	57	46	33
795 07	37	50	-	155	121	108	96	85	67	54	39
795 08	45	60	-	177	139	124	109	97	76	61	44
795 09	45	60	-	199	156	139	123	109	86	69	50
795 10	55	75	-	229	183	163	143	127	101	83	61
795 11	55	75	-	252	201	180	157	140	111	91	67
795 12	60	80	-	275	219	196	171	153	121	99	73
795 13	67	90	-	298	238	212	186	165	131	108	79
795 14	75	100	-	321	256	229	200	178	142	116	86
795 15	75	100	-	344	274	245	214	191	152	124	92
795 16	93	125	-	367	292	261	228	204	162	132	98
795 17	93	125	-	390	311	278	243	216	172	141	104
795 18	93	125	-	413	329	294	257	229	182	149	110

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 8120 · 8″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
8120 01	5"	560	-	37
8120 02	5"	705	-	49
8120 03	5"	850	-	61
8120 04	5"	995	-	74
8120 05	5"	1140	-	86
8120 06	5"	1285	-	98
8120 07	5"	1430	-	110

Model	DN	A (mm)	B (mm)	Weight (kg)
8120 08	5"	1575	-	122
8120 09	5"	1720	-	135
8120 10	5"	1865	-	147
8120 11	5"	2010	-	159
8120 12	5"	2155	-	171
8120 13	5"	2300	-	184
8120 14	5"	2445	-	196

Series 8120 · 8″

Hydraulic performance

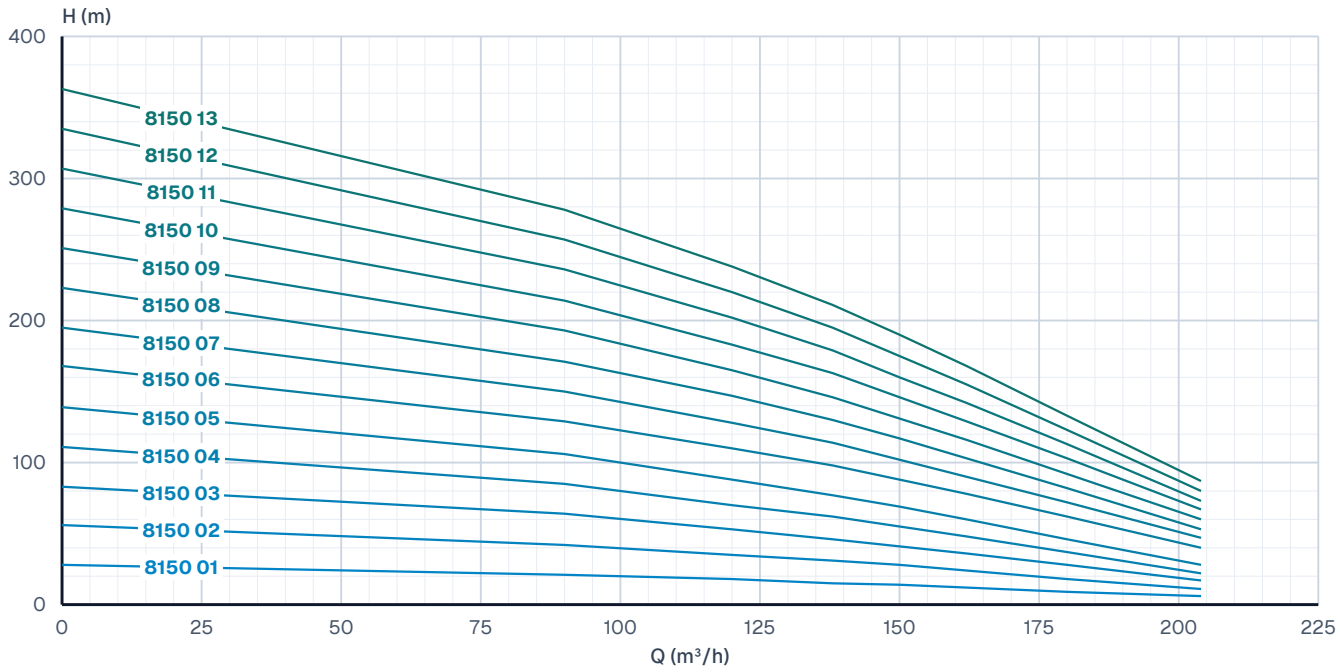
Total head H in metres

Model	Motor kW	Motor HP	Ø	Q · Flow (m³/h) 0	60	78	90	102	120	138	150
8120 01	7,5	10	-	28	23	20	19	18	15	12	10
8120 02	15	20	-	57	45	41	38	35	30	24	20
8120 03	22	30	-	85	68	61	57	53	45	36	31
8120 04	30	40	-	113	90	81	75	70	60	48	41
8120 05	37	50	-	142	113	102	94	88	75	60	51
8120 06	45	60	-	170	135	122	113	105	90	72	61
8120 07	55	75	-	206	167	149	137	125	108	88	75
8120 08	60	80	-	235	190	170	157	143	123	100	86
8120 09	67	90	-	265	214	192	176	161	138	113	96
8120 10	75	100	-	294	238	213	196	179	154	125	107
8120 11	75	100	-	324	262	234	215	196	169	138	118
8120 12	93	125	-	353	285	255	235	214	184	150	129
8120 13	93	125	-	383	309	277	254	232	200	163	139
8120 14	93	125	-	412	333	298	274	250	215	175	150

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 8150 · 8″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
8150 01	5"	560	-	37
8150 02	5"	705	-	49
8150 03	5"	850	-	61
8150 04	5"	995	-	74
8150 05	5"	1140	-	86
8150 06	5"	1285	-	98
8150 07	5"	1430	-	110

Model	DN	A (mm)	B (mm)	Weight (kg)
8150 08	5"	1575	-	122
8150 09	5"	1720	-	135
8150 10	5"	1865	-	147
8150 11	5"	2010	-	159
8150 12	5"	2155	-	171
8150 13	5"	2300	-	184

Series 8150 · 8″

Hydraulic performance

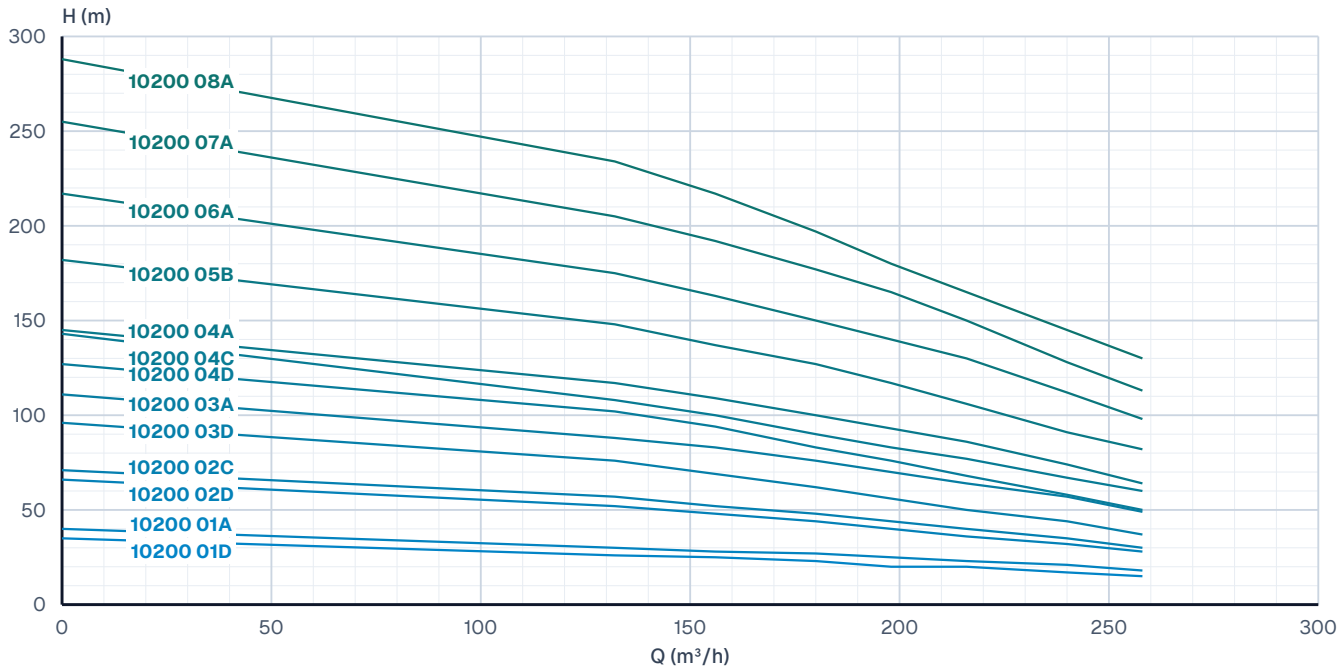
Total head H in metres

Model	Motor		Ø	Q · Flow (m³/h)							
	kW	HP		0	90	120	138	150	162	180	204
8150 01	9,3	12,5	-	28	21	18	15	14	12	9	6
8150 02	18,5	25	-	56	42	35	31	28	24	18	11
8150 03	30	40	-	83	64	53	46	41	36	28	17
8150 04	37	50	-	111	85	70	62	55	48	37	22
8150 05	45	60	-	139	106	88	77	69	60	46	28
8150 06	55	75	-	168	129	110	98	88	78	62	40
8150 07	67	90	-	195	150	128	114	102	90	72	47
8150 08	75	100	-	223	171	147	130	117	103	82	53
8150 09	83	110	-	251	193	165	146	131	116	92	60
8150 10	93	125	-	279	214	183	163	146	129	103	67
8150 11	110	150	-	307	236	202	179	160	142	113	73
8150 12	130	175	-	335	257	220	195	175	155	123	80
8150 13	130	175	-	363	278	238	211	190	168	133	87

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 10200 · 10″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
10200 01D	6"	770	-	70
10200 01A	6"	770	-	70
10200 02D	6"	950	-	92
10200 02C	6"	950	-	92
10200 03D	6"	1130	-	114
10200 03A	6"	1130	-	114
10200 04D	6"	1310	-	136

Model	DN	A (mm)	B (mm)	Weight (kg)
10200 04C	6"	1310	-	136
10200 04A	6"	1310	-	136
10200 05B	6"	1490	-	158
10200 06A	6"	1670	-	180
10200 07A	6"	1850	-	202
10200 08A	6"	2030	-	224

Series 10200 · 10″

Hydraulic performance

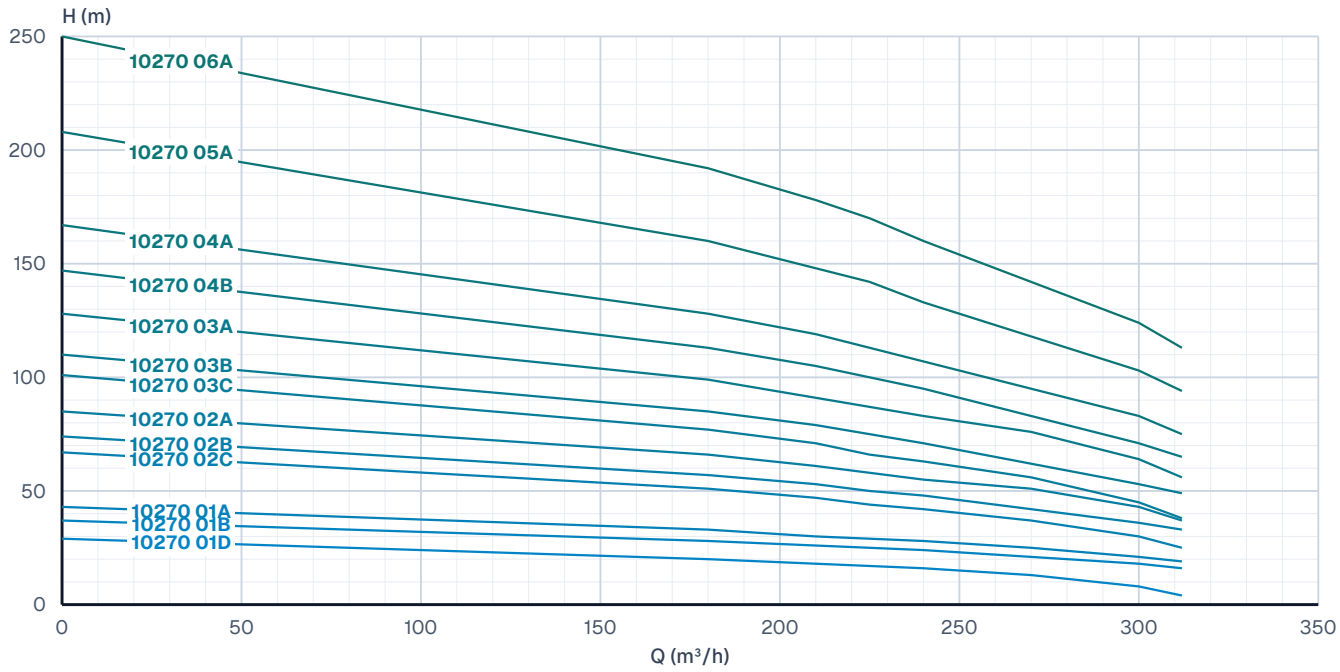
Total head H in metres

Model	Motor		Ø	Q · Flow (m³/h)							
	kW	HP		0	132	156	180	198	216	240	258
10200 01D	15	20	-	35	26	25	23	20	20	17	15
10200 01A	18,5	25	-	40	30	28	27	25	23	21	18
10200 02D	30	40	-	66	52	48	44	40	36	32	28
10200 02C	37	50	-	71	57	52	48	44	40	35	30
10200 03D	45	60	-	96	76	69	62	56	50	44	37
10200 03A	55	75	-	111	88	83	76	70	64	57	49
10200 04D	60	80	-	127	102	94	83	76	68	58	50
10200 04C	67	90	-	143	108	100	90	83	77	67	60
10200 04A	75	100	-	145	117	109	100	93	86	74	64
10200 05B	93	125	-	182	148	137	127	117	106	91	82
10200 06A	110	150	-	217	175	163	150	140	130	112	98
10200 07A	130	175	-	255	205	192	177	165	150	128	113
10200 08A	150	200	-	288	234	217	197	180	165	145	130

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 10270 · 10″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
10270 05A	6"	1490	-	158
10270 06B	6"	1670	-	180
10270 06A	6"	1670	-	180
10270 07A	6"	1850	-	202
10270 08A	6"	2030	-	224

Series 10270 · 10″

Hydraulic performance

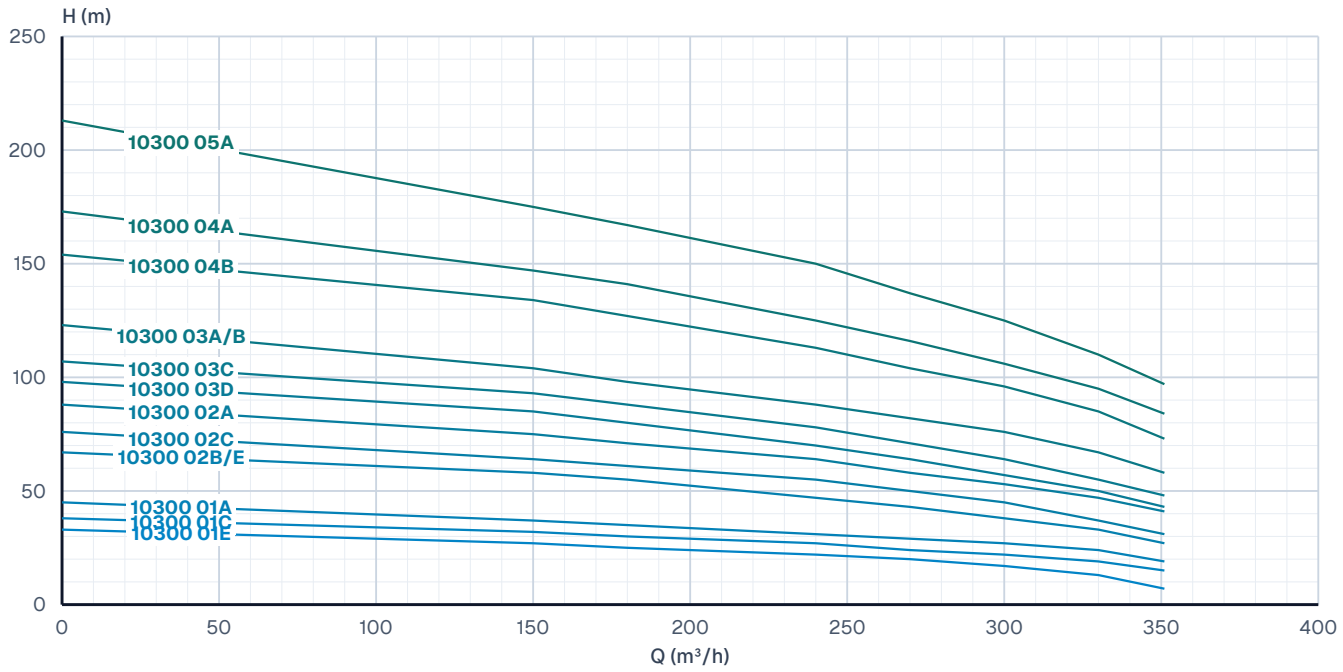
Total head H in metres

Model	Motor		Ø	Q · Flow (m³/h)							
	kW	HP		0	180	210	225	240	270	300	312
10270 01D	18,5	25	-	29	20	18	17	16	13	8	4
10270 01B	26,5	35	-	37	28	26	25	24	21	18	16
10270 01A	30	40	-	43	33	30	29	28	25	21	19
10270 02C	45	60	-	67	51	47	44	42	37	30	25
10270 02B	55	75	-	74	57	53	50	48	42	36	33
10270 02A	60	80	-	85	66	61	58	55	51	43	37
10270 03C	66	90	-	101	77	71	66	63	56	45	38
10270 03B	75	100	-	110	85	79	75	71	62	53	49
10270 03A	81	110	-	128	99	91	87	83	76	64	56
10270 04B	93	125	-	147	113	105	100	95	83	71	65
10270 04A	110	150	-	167	128	119	113	107	95	83	75
10270 05A	130	175	-	208	160	148	142	133	118	103	94
10270 06A	150	200	-	250	192	178	170	160	142	124	113

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.

Series 10300 · 10″

Performance curve and dimensions



Dimensions and models

Diagrams on page 2 · values in mm and kg

Model	DN	A (mm)	B (mm)	Weight (kg)
10300 01E	6"	770	-	71
10300 01C	6"	770	-	71
10300 01A	6"	770	-	71
10300 02D	6"	950	-	94
10300 02C	6"	950	-	94
10300 02A	6"	950	-	94
10300 03E	6"	1130	-	117
10300 03D	6"	1130	-	117

Model	DN	A (mm)	B (mm)	Weight (kg)
10300 03B	6"	1130	-	117
10300 03A	6"	1130	-	117
10300 04C	6"	1275	-	129
10300 04A	6"	1275	-	129
10300 05B	6"	1420	-	141
10300 05A	6"	1420	-	141
10300 06B	6"	1565	-	153

Series 10300 · 10″

Hydraulic performance

Total head H in metres

Model	Motor		Ø	Q · Flow (m³/h)							
	kW	HP		0	150	180	240	270	300	330	351
10300 01E	26,5	35	-	33	27	25	22	20	17	13	7
10300 01C	30	40	-	38	32	30	27	24	22	19	15
10300 01A	45	60	-	45	37	35	31	29	27	24	19
10300 02B/E	52	70	-	67	58	55	47	43	38	33	27
10300 02C	55	75	-	76	64	61	55	50	45	37	31
10300 02A	67	90	-	88	75	71	64	58	53	47	41
10300 03D	75	100	-	98	85	80	70	64	57	50	43
10300 03C	83	110	-	107	93	88	78	71	64	55	48
10300 03A/B	93	125	-	123	104	98	88	82	76	67	58
10300 04B	110	150	-	154	134	127	113	104	96	85	73
10300 04A	130	175	-	173	147	141	125	116	106	95	84
10300 05A	150	200	-	213	175	167	150	137	125	110	97

Values reproduced from the supplied technical documentation. Select the duty point at the intersection of Q and H.