

# Submersible

Pumps • Motors

50Hz **4"**  
**Submersible Pump**

Pumping Solution

# Product data

## Submersible bore well pumps

# 4"

### Construction

- Submersible motor & pumps for deep wells of 4" (DN 100 mm).
- Sized for connection to the motor according to NEMA standards.
- Delivery casing with built-in non-return valve.
- Impellers:**
  - Radial flow impellers**  
N4A, N12
  - Mixed flow impellers**  
N6A, N8H, N10H, N15A, N15H, N20A, N25, N31, N40, G30, G50
- Connection: Screwed pipe connection with BSP thread as standard.

### Applications

- Water supply
- Irrigation
- Civil
- Industrial
- Fire fighting

### Performance range

- Flow range: Max. 31.8 m<sup>3</sup>/h
- Head range: Max. 435 metres

### Operating conditions

- Liquid temperature: 0°C to +45°C
- Max. sand content into the water: 50 g/m<sup>3</sup>
- Max. starts per hour: 30 at regular intervals
- Direction of rotation: Clockwise as seen from the pump coupling side

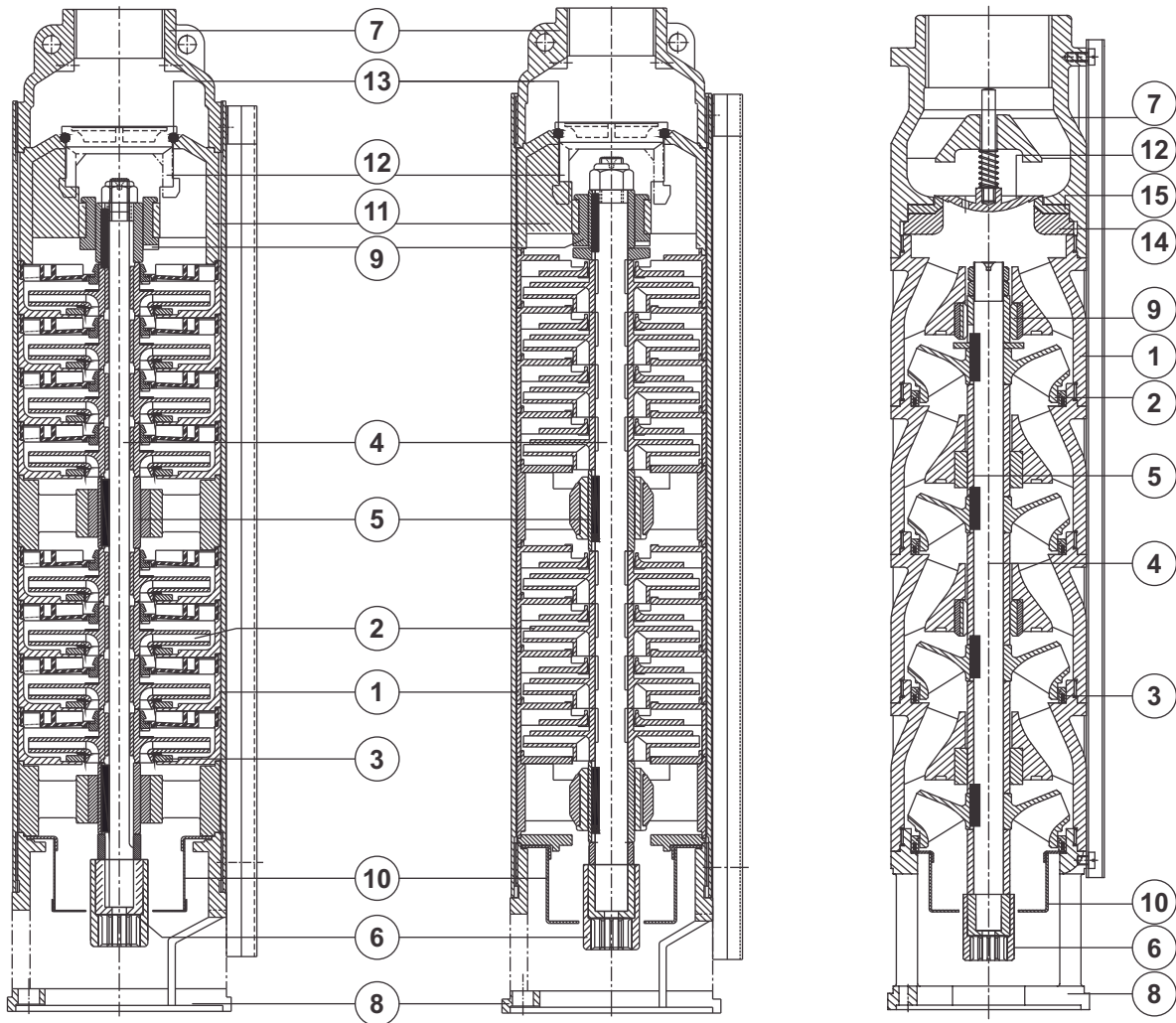


# Construction

## Submersible bore well pumps

# 4''

### Sectional drawing



“N” type pump  
N25

“N” type pump  
N4A, N6A, N8H, N10H, N12,  
N15A, N15H, N20A, N31, N40

“G” type pump  
G30, G50

### Materials

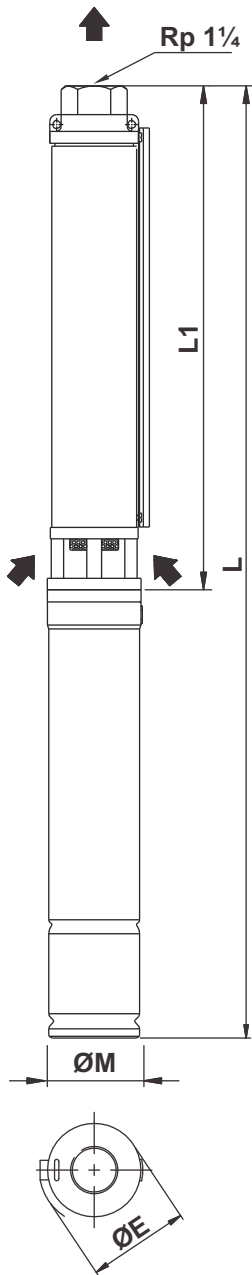
Pos.	Component	“N” type pump	“G” type pump
1	Bowl / Diffuser	Noryl GFN3V*	Grey iron 200 ISO 185
2	Impeller	Noryl GFN3V*	S.S AISI 410
3	Neck ring	S.S AISI 304	Nitrile rubber
4	Shaft	S.S AISI 410	S.S AISI 410
5	Shaft sleeve	S.S AISI 410	S.S AISI 410
6	Couple	S.S AISI 410	S.S AISI 410
7	Delivery casing	CF8	Grey iron 200 ISO 185
8	Suction case	CF8	Grey iron 200 ISO 185
9	Bearing bush	Nitrile rubber	Nitrile rubber/Bronze
10	Strainer	S.S AISI 304	S.S AISI 304
11	Top support	Noryl GFN3V*	-
12	NRV base	ABS	Grey iron 200 ISO 185
13	‘O’ ring	Nitrile rubber	-
14	NRV ring	-	Grey iron 200 ISO 185
15	NRV rubber ring	-	Nitrile rubber

Note: \* Available in 20% Glass filled polycarbonate on request.

# Technical data

## Radial flow 4" submersible bore well pumps

# N4A



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm						
	Oil filled	Water filled				H mts.						
						0	0.6	0.9	1.4	1.7	2	2.4
N4A/10	H4505	L4505	0.37	0.50	56	52	50	45	41	33	24	
N4A/12	H4505	L4505	0.37	0.50	67	63	60	54	49	40	29	
N4A/14	H4505	L4505	0.37	0.50	78	73	70	63	57	47	34	
N4A/16	H4507	L4507	0.55	0.75	89	84	80	72	65	53	38	
N4A/18	H4507	L4507	0.55	0.75	100	94	90	81	73	60	43	
N4A/20	H4510	L4510	0.75	1.00	111	105	100	90	81	67	48	
N4A/22	H4510	L4510	0.75	1.00	122	115	110	99	89	73	53	
N4A/24	H4510	L4510	0.75	1.00	133	126	120	108	97	80	58	
N4A/26	H4510	L4510	0.75	1.00	144	136	130	117	105	86	62	
N4A/28	H4515	L4515	1.10	1.50	155	147	140	126	113	93	67	
N4A/30	H4515	L4515	1.10	1.50	167	157	150	135	122	100	72	
N4A/32	H4515	L4515	1.10	1.50	178	168	160	144	130	106	77	
N4A/34	H4515	L4515	1.10	1.50	189	178	170	153	138	113	82	
N4A/36	H4515	L4515	1.10	1.50	200	189	180	162	146	120	86	
N4A/38	H4515	L4515	1.10	1.50	211	199	190	171	154	126	91	
N4A/40	H4520	L4520	1.50	2.00	222	210	200	180	162	133	96	

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N4A/10 + H4505	95	101	441	742	742	5.7	14.6	14.8	0.0086	0.0180	0.0180
N4A/12 + H4505	95	101	486	787	787	6.2	15.1	15.3	0.0086	0.0180	0.0180
N4A/14 + H4505	95	101	531	832	832	6.6	15.5	15.7	0.0086	0.0180	0.0180
N4A/16 + H4507	95	101	576	907	892	6.9	17.4	16.9	0.0086	0.0180	0.0180
N4A/18 + H4507	95	101	621	952	937	7.3	17.8	17.3	0.0111	0.0205	0.0205
N4A/20 + H4510	95	101	666	1012	997	7.7	18.7	18.5	0.0111	0.0205	0.0205
N4A/22 + H4510	95	101	711	1057	1042	8.1	19.1	18.9	0.0111	0.0205	0.0205
N4A/24 + H4510	95	101	756	1102	1087	8.7	19.7	19.5	0.0111	0.0205	0.0205
N4A/26 + H4510	95	101	801	1147	1132	9.2	20.2	20.0	0.0111	0.0205	0.0205
N4A/28 + H4515	95	101	846	1227	1197	9.7	22.3	21.7	0.0128	0.0222	0.0222
N4A/30 + H4515	95	101	926	1307	1277	10.1	22.7	22.1	0.0128	0.0222	0.0222
N4A/32 + H4515	95	101	971	1352	1322	10.8	23.4	22.8	0.0136	0.0230	0.0230
N4A/34 + H4515	95	101	1016	1397	1367	11.1	23.7	23.1	0.0160	0.0254	0.0254
N4A/36 + H4515	95	101	1061	1442	1412	11.5	24.1	23.5	0.0160	0.0254	0.0254
N4A/38 + H4515	95	101	1106	1487	1457	12.0	24.6	24.0	0.0160	0.0254	0.0254
N4A/40 + H4520	95	101	1151	1572	1522	12.4	26.6	26.2	0.0160	0.0254	0.0254

### Dimensions & weights of pump with Water filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N4A/10 + L4505	95	101	441	872	882	5.7	20.0	21.7	0.0086	0.0180	0.0180
N4A/12 + L4505	95	101	486	917	927	6.2	20.5	22.2	0.0086	0.0180	0.0180
N4A/14 + L4505	95	101	531	962	972	6.6	20.9	22.6	0.0086	0.0180	0.0180
N4A/16 + L4507	95	101	576	1022	1032	6.9	22.1	23.7	0.0086	0.0180	0.0180
N4A/18 + L4507	95	101	621	1067	1077	7.3	22.5	24.1	0.0111	0.0205	0.0205
N4A/20 + L4510	95	101	666	1122	1137	7.7	24.4	25.3	0.0111	0.0205	0.0205
N4A/22 + L4510	95	101	711	1167	1182	8.1	24.8	25.7	0.0111	0.0205	0.0205
N4A/24 + L4510	95	101	756	1212	1227	8.7	25.4	26.3	0.0111	0.0205	0.0205
N4A/26 + L4510	95	101	801	1257	1272	9.2	25.9	26.8	0.0111	0.0205	0.0205
N4A/28 + L4515	95	101	846	1357	1367	9.7	28.8	30.0	0.0128	0.0222	0.0245
N4A/30 + L4515	95	101	926	1437	1447	10.1	29.2	30.4	0.0128	0.0222	0.0245
N4A/32 + L4515	95	101	971	1482	1492	10.8	29.9	31.1	0.0136	0.0230	0.0253
N4A/34 + L4515	95	101	1016	1527	1537	11.1	30.2	31.4	0.0160	0.0254	0.0277
N4A/36 + L4515	95	101	1061	1572	1582	11.5	30.6	31.8	0.0160	0.0254	0.0277
N4A/38 + L4515	95	101	1106	1617	1627	12.0	31.1	32.3	0.0160	0.0254	0.0277
N4A/40 + L4520	95	101	1151	1762	1722	12.4	35.0	34.9	0.0160	0.0277	0.0277

Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.

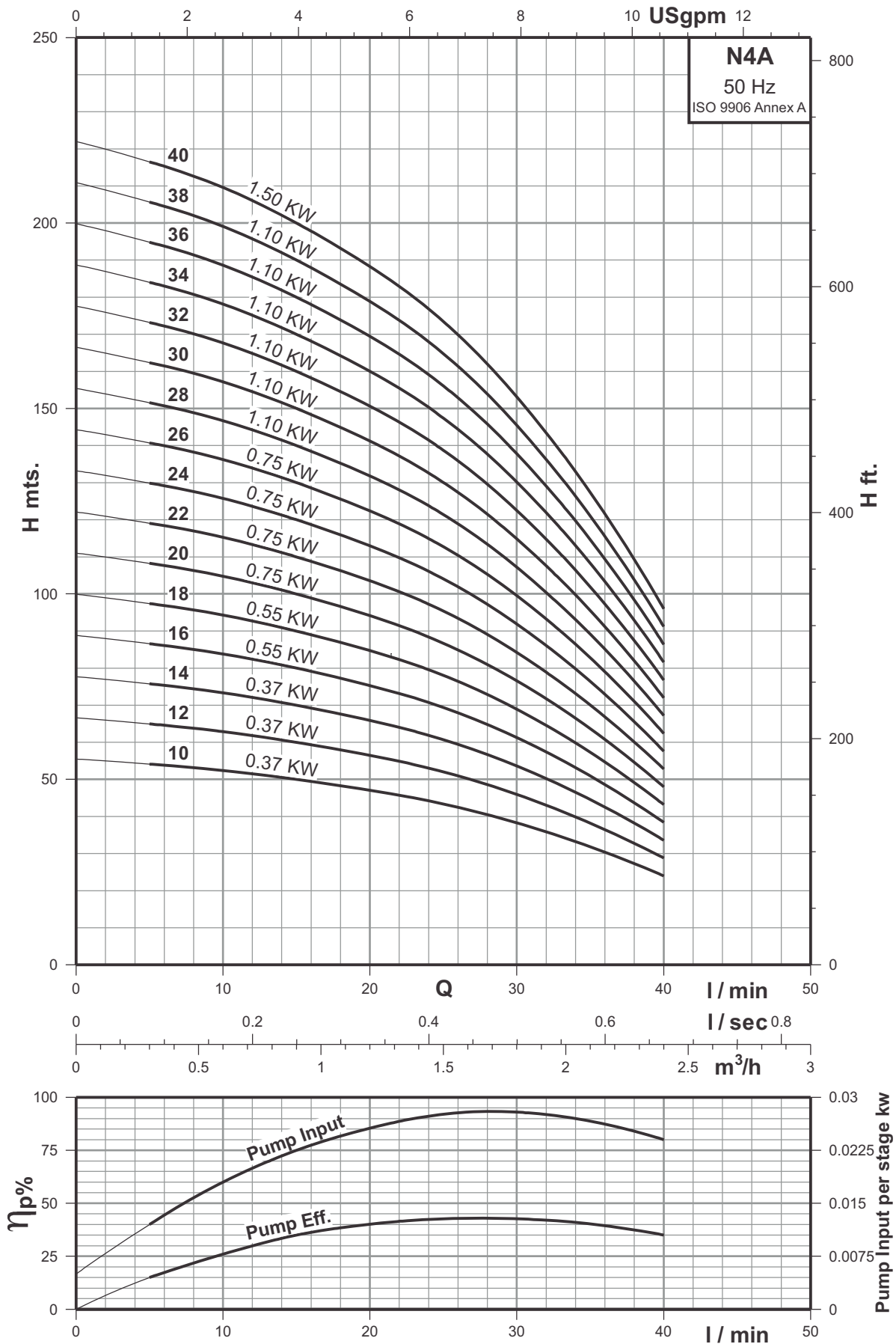
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.

All dimensions in mm unless otherwise noted.

# Performance curves

Radial flow 4" submersible bore well pumps

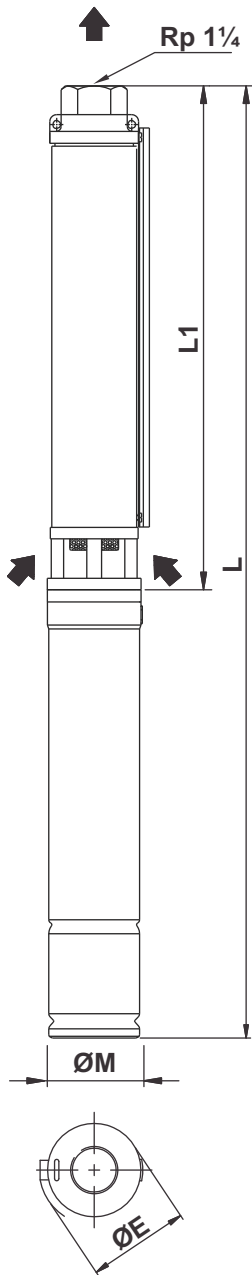
N4A



# Technical data

## Radial flow 4" submersible bore well pumps

# N4A



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm						
	Oil filled	Water filled				H mts.						
						0	0.6	0.9	1.4	1.7	2	2.4
N4A/42	H4520	L4520	1.50	2.00	233	220	210	189	170	140	101	
N4A/44	H4520	L4520	1.50	2.00	244	231	220	198	178	146	106	
N4A/46	H4520	L4520	1.50	2.00	255	241	230	207	186	153	110	
N4A/48	H4520	L4520	1.50	2.00	266	252	240	216	194	160	115	
N4A/50	H4520	L4520	1.50	2.00	278	262	250	225	203	166	120	
N4A/52	H4520	L4520	1.50	2.00	289	272	260	234	211	173	125	
N4A/54	H4520	L4520	1.50	2.00	300	283	270	243	219	180	130	
N4A/56	H4530	L4530	2.20	3.00	311	293	280	252	227	186	134	
N4A/58	H4530	L4530	2.20	3.00	322	304	290	261	235	193	139	
N4A/60	H4530	L4530	2.20	3.00	333	314	300	270	243	200	144	
N4A/62	H4530	L4530	2.20	3.00	344	325	310	279	251	206	149	
N4A/64	H4530	L4530	2.20	3.00	355	335	320	288	259	213	154	
N4A/66	H4530	L4530	2.20	3.00	366	346	330	297	267	219	158	
N4A/68	H4530	L4530	2.20	3.00	377	356	340	306	275	226	163	

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N4A/42 + H4520	95	101	1196	1617	1567	12.8	27.0	26.6	0.0160	0.0254	0.0254
N4A/44 + H4520	95	101	1241	1662	1612	13.2	27.4	27.0	0.0185	0.0279	0.0279
N4A/46 + H4520	95	101	1321	1742	1692	13.9	28.1	27.7	0.0185	0.0279	0.0279
N4A/48 + H4520	95	101	1366	1787	1737	14.3	28.5	28.1	0.0185	0.0279	0.0279
N4A/50 + H4520	95	101	1411	1832	1782	14.8	29.0	28.6	0.0185	0.0279	0.0279
N4A/52 + H4520	95	101	1456	1877	1827	15.2	29.4	29.0	0.0196	0.0290	0.0290
N4A/54 + H4520	95	101	1501	1922	1872	15.7	29.9	29.5	0.0209	0.0303	0.0303
N4A/56 + H4530	95	101	1546	2027	1977	16.2	35.8	33.4	0.0209	0.0303	0.0303
N4A/58 + H4530	95	101	1591	2072	2022	16.6	36.2	33.8	0.0209	0.0303	0.0303
N4A/60 + H4530	95	101	1636	2117	2067	17.0	36.6	34.2	0.0234	0.0328	0.0328
N4A/62 + H4530	95	101	1681	2162	2112	17.5	37.1	34.7	0.0234	0.0328	0.0328
N4A/64 + H4530	95	101	1726	2207	2157	18.0	37.6	35.2	0.0234	0.0328	0.0328
N4A/66 + H4530	95	101	1771	2252	2202	18.5	38.1	35.7	0.0234	0.0328	0.0328
N4A/68 + H4530	95	101	1816	2297	2247	18.9	38.5	36.1	0.0246	0.0340	0.0340

### Dimensions & weights of pump with Water filled motor

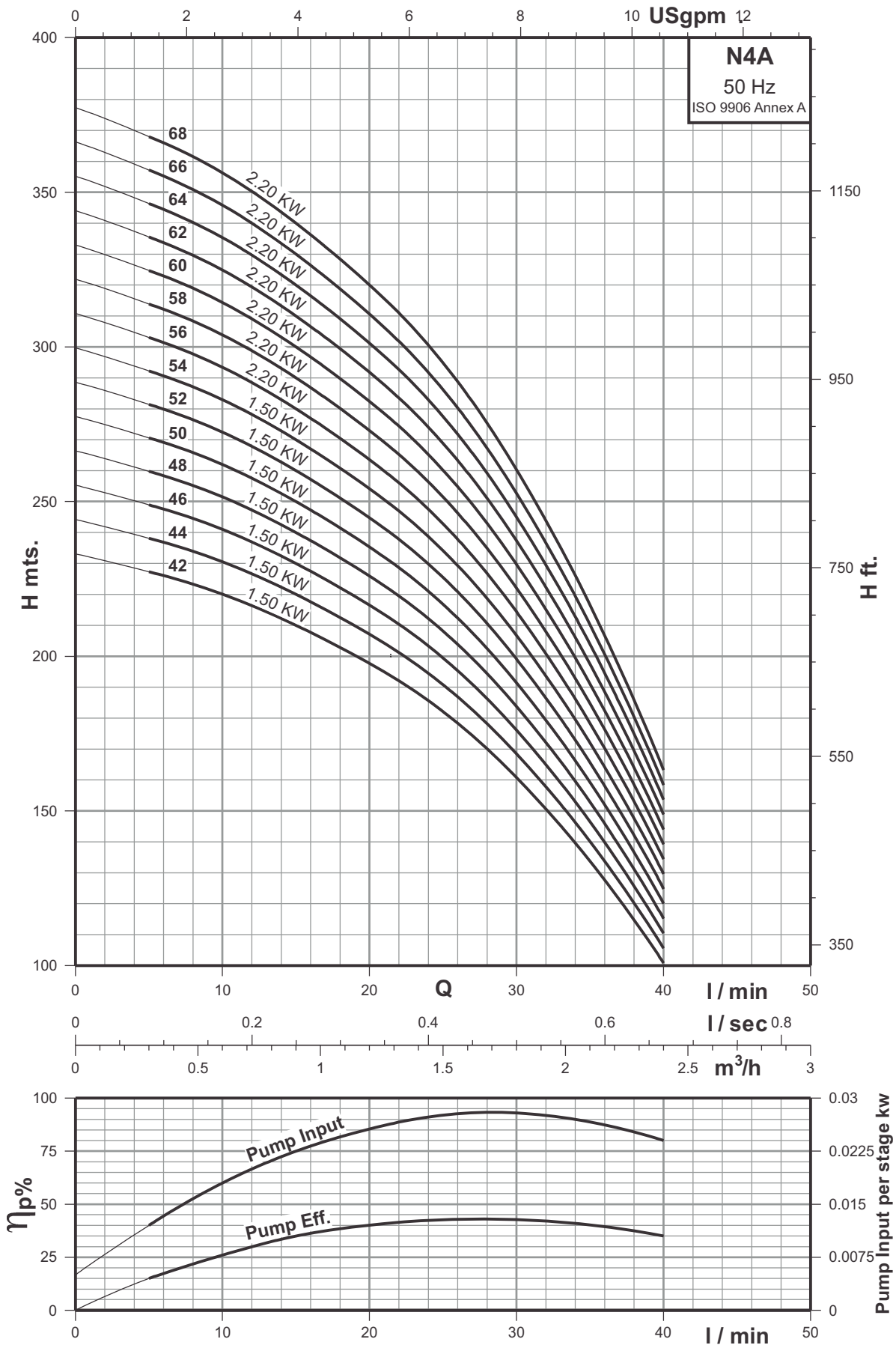
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N4A/42 + L4520	95	101	1196	1807	1767	12.8	35.4	35.3	0.0160	0.0277	0.0277
N4A/44 + L4520	95	101	1241	1852	1812	13.2	35.8	35.7	0.0185	0.0302	0.0302
N4A/46 + L4520	95	101	1321	1932	1892	13.9	36.5	36.4	0.0185	0.0302	0.0302
N4A/48 + L4520	95	101	1366	1977	1937	14.3	36.9	36.8	0.0185	0.0302	0.0302
N4A/50 + L4520	95	101	1411	2022	1982	14.8	37.4	37.3	0.0185	0.0302	0.0302
N4A/52 + L4520	95	101	1456	2067	2027	15.2	37.8	37.7	0.0196	0.0313	0.0313
N4A/54 + L4520	95	101	1501	2112	2072	15.7	38.3	38.2	0.0209	0.0326	0.0326
N4A/56 + L4530	95	101	1546	2257	2217	16.2	42.6	41.7	0.0209	0.0356	0.0356
N4A/58 + L4530	95	101	1591	2302	2262	16.6	43.0	42.1	0.0209	0.0356	0.0356
N4A/60 + L4530	95	101	1636	2347	2307	17.0	43.4	42.5	0.0234	0.0381	0.0381
N4A/62 + L4530	95	101	1681	2392	2352	17.5	43.9	43.0	0.0234	0.0381	0.0381
N4A/64 + L4530	95	101	1726	2437	2397	18.0	44.4	43.5	0.0234	0.0381	0.0381
N4A/66 + L4530	95	101	1771	2482	2442	18.5	44.9	44.0	0.0234	0.0381	0.0381
N4A/68 + L4530	95	101	1816	2527	2487	18.9	45.3	44.4	0.0246	0.0393	0.0393

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Radial flow 4" submersible bore well pumps

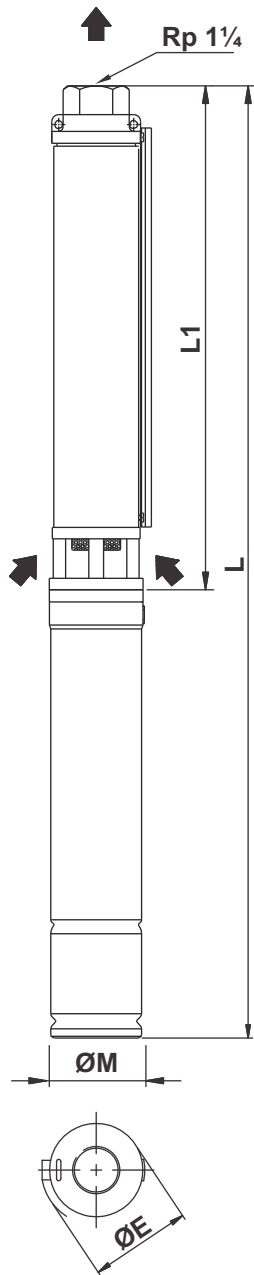
N4A



# Technical data

## Radial flow 4" submersible bore well pumps

# N12



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm					
	Oil filled	Water filled				H mts.					
						0	2.1	3.1	4.1	5.1	6.1
N12/4	H4505	L4505	0.37	0.50	29	25	22	20	17	12	
N12/6	H4507	L4507	0.55	0.75	44	37	33	30	25	18	
N12/8	H4510	L4510	0.75	1.00	58	49	44	39	33	24	
N12/10	H4515	L4515	1.10	1.50	73	62	56	49	41	30	
N12/12	H4515	L4515	1.10	1.50	87	74	67	59	50	36	
N12/14	H4520	L4520	1.50	2.00	102	86	78	69	58	42	
N12/16	H4520	L4520	1.50	2.00	116	99	89	79	66	48	
N12/18	H4520	L4520	1.50	2.00	131	111	100	89	74	54	
N12/20	H4530	L4530	2.20	3.00	145	123	111	98	83	60	
N12/22	H4530	L4530	2.20	3.00	160	136	122	108	91	66	
N12/24	H4530	L4530	2.20	3.00	174	148	133	118	99	72	
N12/26	H4530	L4530	2.20	3.00	189	160	144	128	107	78	
N12/28	H4540	L4540	3.00	4.00	203	173	155	138	116	84	
N12/30	H4540	L4540	3.00	4.00	218	185	167	148	124	90	
N12/32	H4540	L4540	3.00	4.00	232	197	178	157	132	96	
N12/34	H4540	L4540	3.00	4.00	247	210	189	167	141	101	

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N12/4 + H4505	95	101	318	619	619	4.3	13.2	13.4	0.0061	0.0155	0.0155
N12/6 + H4507	95	101	368	699	684	4.8	15.3	14.8	0.0061	0.0155	0.0155
N12/8 + H4510	95	101	418	764	749	5.4	16.4	16.2	0.0086	0.0180	0.0180
N12/10 + H4515	95	101	468	849	819	5.7	18.3	17.7	0.0086	0.0180	0.0180
N12/12 + H4515	95	101	518	899	869	6.5	19.1	18.5	0.0086	0.0180	0.0180
N12/14 + H4520	95	101	568	989	939	6.8	21.0	20.6	0.0086	0.0180	0.0180
N12/16 + H4520	95	101	618	1039	989	7.2	21.4	21.0	0.0111	0.0205	0.0205
N12/18 + H4520	95	101	668	1089	1039	7.7	21.9	21.5	0.0111	0.0205	0.0205
N12/20 + H4530	95	101	718	1199	1149	8.1	27.7	25.3	0.0111	0.0205	0.0205
N12/22 + H4530	95	101	768	1249	1199	8.6	28.2	25.8	0.0111	0.0205	0.0205
N12/24 + H4530	95	101	818	1299	1249	9.0	28.6	26.2	0.0128	0.0222	0.0222
N12/26 + H4530	95	101	868	1349	1299	9.5	29.1	26.7	0.0128	0.0222	0.0222
N12/28 + H4540	95	101	953	-	1434	10.1	-	28.6	0.0128	-	0.0222
N12/30 + H4540	95	101	1003	-	1484	10.5	-	29.0	0.0136	-	0.0230
N12/32 + H4540	95	101	1053	-	1534	11.2	-	29.7	0.0160	-	0.0254
N12/34 + H4540	95	101	1103	-	1584	11.4	-	29.9	0.0160	-	0.0254

### Dimensions & weights of pump with Water filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N12/4 + L4505	95	101	318	749	759	4.3	18.6	20.3	0.0061	0.0155	0.0155
N12/6 + L4507	95	101	368	814	824	4.8	20.0	21.6	0.0061	0.0155	0.0155
N12/8 + L4510	95	101	418	874	889	5.4	22.1	23.0	0.0086	0.0180	0.0180
N12/10 + L4515	95	101	468	979	989	5.7	24.8	26.0	0.0086	0.0180	0.0203
N12/12 + L4515	95	101	518	1029	1039	6.5	25.6	26.8	0.0086	0.0180	0.0203
N12/14 + L4520	95	101	568	1179	1139	6.8	29.4	29.3	0.0086	0.0203	0.0203
N12/16 + L4520	95	101	618	1229	1189	7.2	29.8	29.7	0.0111	0.0228	0.0228
N12/18 + L4520	95	101	668	1279	1239	7.7	30.3	30.2	0.0111	0.0228	0.0228
N12/20 + L4530	95	101	718	1429	1389	8.1	34.5	33.6	0.0111	0.0258	0.0258
N12/22 + L4530	95	101	768	1479	1439	8.6	35.0	34.1	0.0111	0.0258	0.0258
N12/24 + L4530	95	101	818	1529	1489	9.0	35.4	34.5	0.0128	0.0275	0.0275
N12/26 + L4530	95	101	868	1579	1539	9.5	35.9	35.0	0.0128	0.0275	0.0275
N12/28 + L4540	95	101	953	-	1704	10.1	-	39.6	0.0128	-	0.0275
N12/30 + L4540	95	101	1003	-	1754	10.5	-	40.0	0.0136	-	0.0283
N12/32 + L4540	95	101	1053	-	1804	11.2	-	40.7	0.0160	-	0.0307
N12/34 + L4540	95	101	1103	-	1854	11.4	-	40.9	0.0160	-	0.0307

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.

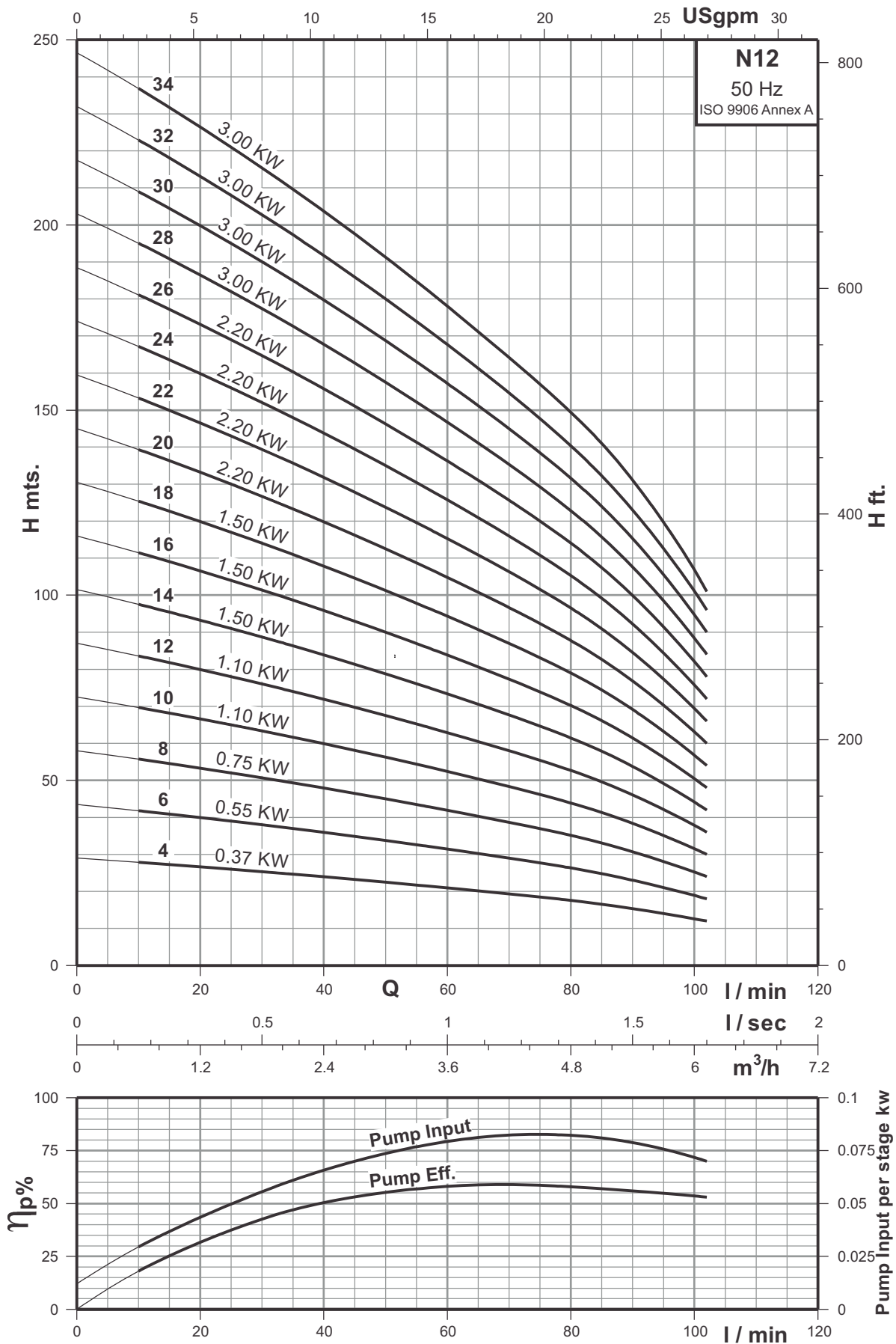
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.

All dimensions in mm unless otherwise noted.

# Performance curves

Radial flow 4" submersible bore well pumps

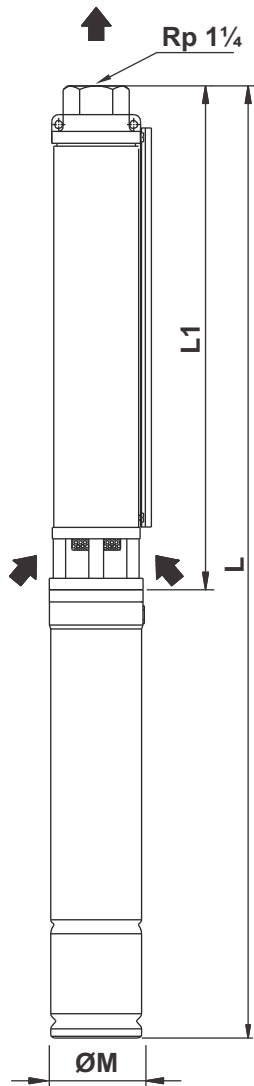
N12



# Technical data

## Radial flow 4" submersible bore well pumps

# N12



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm					
	Oil filled	Water filled				H mts.					
						0	2.1	3.1	4.1	5.1	6.1
N12/36	H4540	L4540	3.00	4.00	261	222	200	177	149	108	
N12/38	H4555	L4555	4.00	5.50	276	234	211	187	157	114	
N12/40	H4555	L4555	4.00	5.50	290	247	222	197	165	120	
N12/42	H4555	L4555	4.00	5.50	305	259	233	207	174	126	
N12/44	H4555	L4555	4.00	5.50	319	271	244	216	182	132	
N12/46	H4555	L4555	4.00	5.50	334	284	255	226	190	138	
N12/48	H4555	L4555	4.00	5.50	348	296	266	236	198	144	
N12/50	H4575	L4575	5.50	7.50	363	308	278	246	207	150	
N12/52	H4575	L4575	5.50	7.50	377	321	289	256	215	156	
N12/54	H4575	L4575	5.50	7.50	392	333	300	266	223	162	
N12/56	H4575	L4575	5.50	7.50	406	345	311	275	231	168	
N12/58	H4575	L4575	5.50	7.50	421	358	322	285	240	174	
N12/60	H4575	L4575	5.50	7.50	435	370	333	295	248	180	

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
N12/36 + H4540	95	101	1153	-	1634	11.9	-	30.4	0.0160	-	0.0254
N12/38 + H4555	95	101	1203	1868	1818	12.3	34.8	33.7	0.0160	0.0307	0.0277
N12/40 + H4555	95	101	1253	1918	1868	12.7	35.2	34.1	0.0185	0.0332	0.0302
N12/42 + H4555	95	101	1303	1968	1918	13.1	35.6	34.5	0.0185	0.0332	0.0302
N12/44 + H4555	95	101	1353	2018	1968	13.5	36.0	34.9	0.0185	0.0332	0.0302
N12/46 + H4555	95	101	1403	2068	2018	13.9	36.4	35.3	0.0185	0.0332	0.0302
N12/48 + H4555	95	101	1453	2118	2068	14.3	36.8	35.7	0.0196	0.0343	0.0313
N12/50 + H4575	95	101	1503	-	2208	14.7	-	41.2	0.0209	-	0.0356
N12/52 + H4575	95	101	1553	-	2258	15.1	-	41.6	0.0209	-	0.0356
N12/54 + H4575	95	101	1603	-	2308	15.5	-	42.0	0.0209	-	0.0356
N12/56 + H4575	95	101	1688	-	2393	16.1	-	42.6	0.0234	-	0.0381
N12/58 + H4575	95	101	1738	-	2443	16.8	-	43.3	0.0234	-	0.0381
N12/60 + H4575	95	101	1788	-	2493	17.6	-	44.1	0.0234	-	0.0381

### Dimensions & weights of pump with Water filled motor

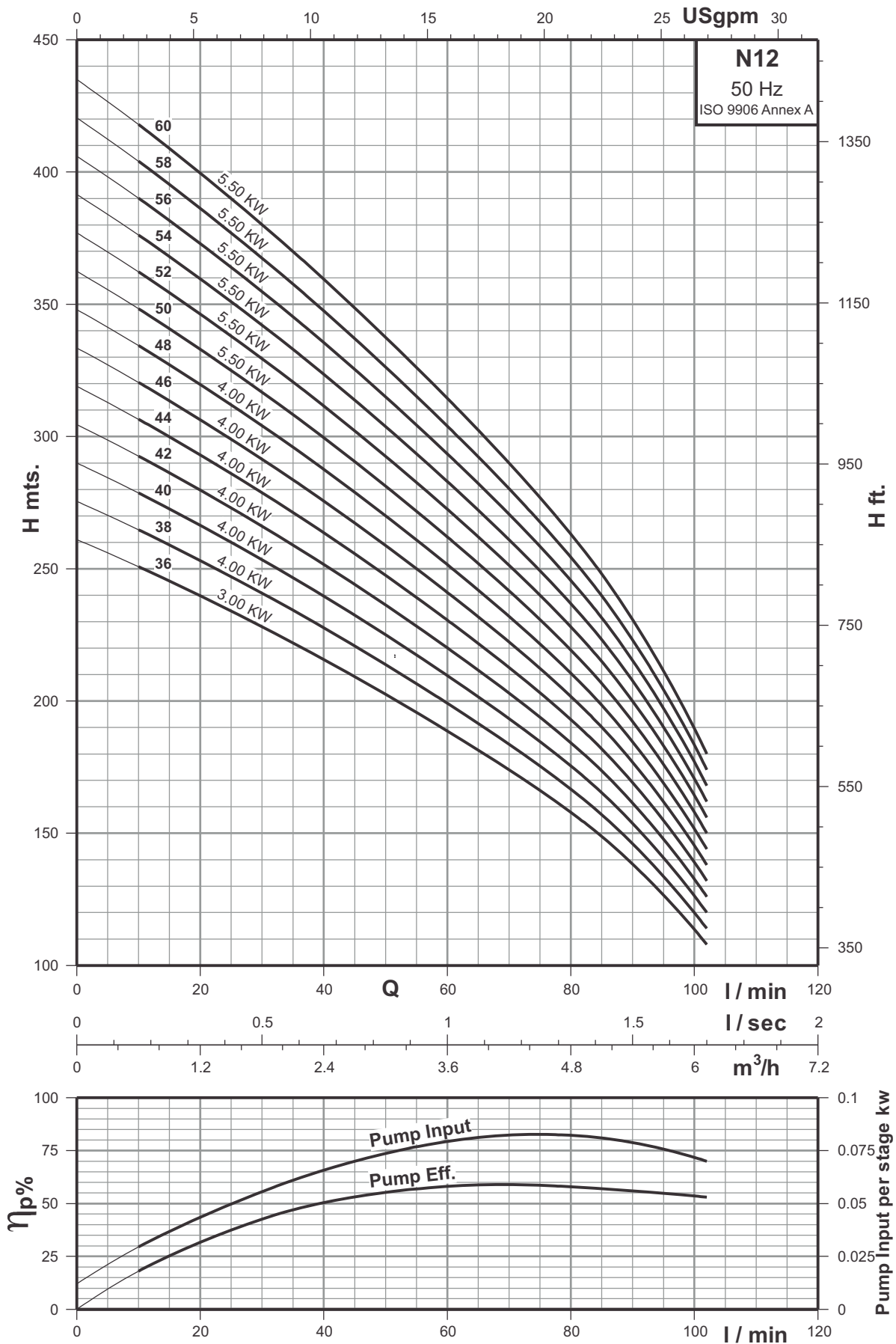
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
N12/36 + L4540	95	101	1153	-	1904	11.9	-	41.4	0.0160	-	0.0307
N12/38 + L4555	95	101	1203	2044	2024	12.3	42.6	45.7	0.0160	0.0307	0.0307
N12/40 + L4555	95	101	1253	2094	2074	12.7	43.0	46.1	0.0185	0.0332	0.0332
N12/42 + L4555	95	101	1303	2144	2124	13.1	43.4	46.5	0.0185	0.0332	0.0332
N12/44 + L4555	95	101	1353	2194	2174	13.5	43.8	46.9	0.0185	0.0332	0.0332
N12/46 + L4555	95	101	1403	2244	2224	13.9	44.2	47.3	0.0185	0.0332	0.0332
N12/48 + L4555	95	101	1453	2294	2274	14.3	44.6	47.7	0.0196	0.0343	0.0343
N12/50 + L4575	95	101	1503	-	2394	14.7	-	49.0	0.0209	-	0.0356
N12/52 + L4575	95	101	1553	-	2444	15.1	-	49.4	0.0209	-	0.0356
N12/54 + L4575	95	101	1603	-	2494	15.5	-	49.8	0.0209	-	0.0356
N12/56 + L4575	95	101	1688	-	2579	16.1	-	50.4	0.0234	-	0.0381
N12/58 + L4575	95	101	1738	-	2629	16.8	-	51.1	0.0234	-	0.0381
N12/60 + L4575	95	101	1788	-	2679	17.6	-	51.9	0.0234	-	0.0381

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Radial flow 4" submersible bore well pumps

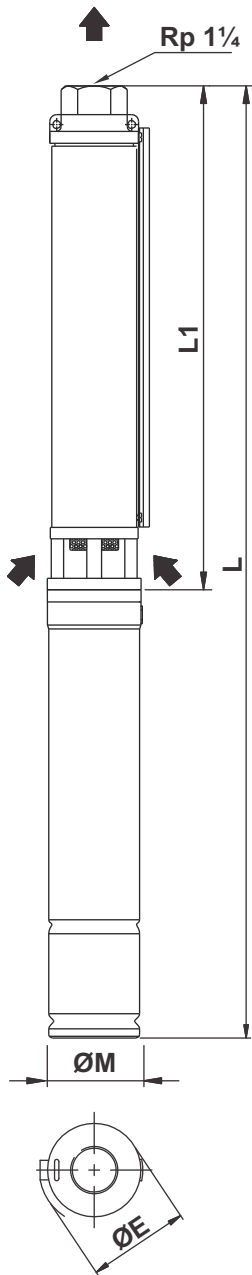
N12



# Technical data

## Mixed flow 4" submersible bore well pumps

# N6A



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm							
	Oil filled	Water filled				0	0.5	1.1	1.6	2.1	2.6	2.8	3.2
						0	8	18	26	35	43	46	54
N6A/8	H4505	L4505	0.37	0.50	H mts.	58	55	50	45	37	27	23	12
N6A/10	H4507	L4507	0.55	0.75		72	69	63	56	46	34	29	15
N6A/12	H4507	L4507	0.55	0.75		87	83	76	68	55	41	35	18
N6A/14	H4510	L4510	0.75	1.00		101	96	88	79	64	48	41	21
N6A/16	H4510	L4510	0.75	1.00		116	110	101	90	73	54	46	24
N6A/18	H4515	L4515	1.10	1.50		130	124	113	101	82	61	52	27
N6A/20	H4515	L4515	1.10	1.50		145	138	126	113	92	68	58	30
N6A/22	H4520	L4520	1.50	2.00		159	151	139	124	101	75	64	33
N6A/24	H4520	L4520	1.50	2.00		173	165	151	135	110	82	70	36
N6A/28	H4520	L4520	1.50	2.00		202	193	176	158	128	95	81	42
N6A/30	H4520	L4520	1.50	2.00		217	206	189	169	137	102	87	45
N6A/34	H4530	L4530	2.20	3.00		246	234	214	191	156	116	99	51
N6A/38	H4530	L4530	2.20	3.00		275	261	239	214	174	129	110	57
N6A/40	H4530	L4530	2.20	3.00		289	275	252	225	183	136	116	60

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N6A/8 + H4505	95	101	408	709	709	5.5	14.4	14.6	0.0086	0.0180	0.0180
N6A/10 + H4507	95	101	456	787	772	6.0	16.5	16.0	0.0086	0.0180	0.0180
N6A/12 + H4507	95	101	504	835	820	6.5	17.0	16.5	0.0086	0.0180	0.0180
N6A/14 + H4510	95	101	552	898	883	7.0	18.0	17.8	0.0086	0.0180	0.0180
N6A/16 + H4510	95	101	600	946	931	7.5	18.5	18.3	0.0086	0.0180	0.0180
N6A/18 + H4515	95	101	648	1029	999	8.0	20.6	20.0	0.0086	0.0180	0.0180
N6A/20 + H4515	95	101	696	1077	1047	8.5	21.1	20.5	0.0111	0.0205	0.0205
N6A/22 + H4520	95	101	744	1165	1115	9.2	23.4	23.0	0.0111	0.0205	0.0205
N6A/24 + H4520	95	101	792	1213	1163	9.7	23.9	23.5	0.0111	0.0205	0.0205
N6A/28 + H4520	95	101	923	1344	1294	10.7	24.9	24.5	0.0136	0.0230	0.0230
N6A/30 + H4520	95	101	971	1392	1342	11.2	25.4	25.0	0.0136	0.0230	0.0230
N6A/34 + H4530	95	101	1067	1548	1498	12.2	31.8	29.4	0.0136	0.0230	0.0230
N6A/38 + H4530	95	101	1163	1644	1594	13.2	32.8	30.4	0.0160	0.0254	0.0254
N6A/40 + H4530	95	101	1211	1692	1642	14.7	34.3	31.9	0.0160	0.0254	0.0254

### Dimensions & weights of pump with Water filled motor

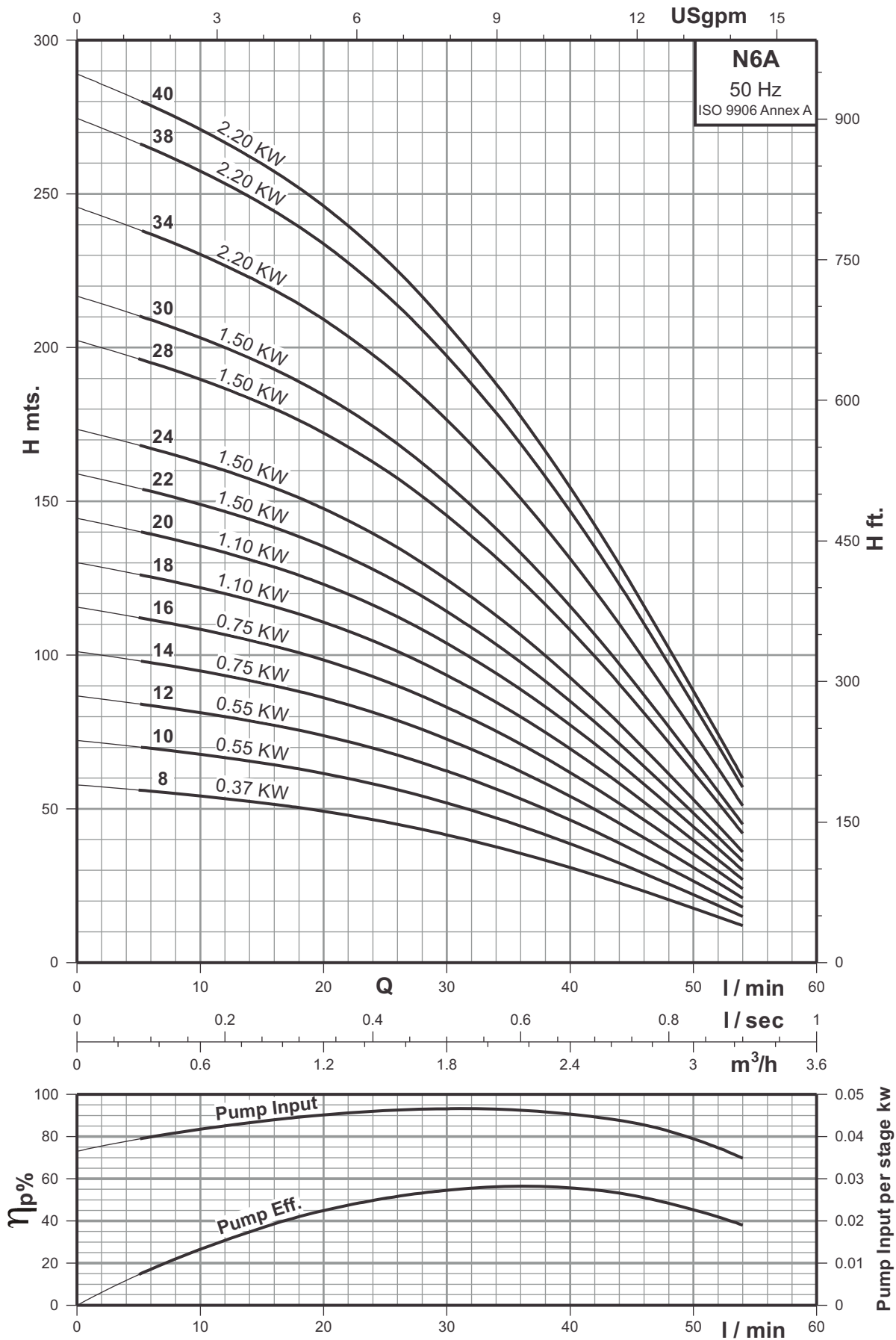
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N6A/8 + L4505	95	101	408	839	849	5.5	19.8	21.5	0.0086	0.0180	0.0180
N6A/10 + L4507	95	101	456	902	912	6.0	21.2	22.8	0.0086	0.0180	0.0180
N6A/12 + L4507	95	101	504	950	960	6.5	21.7	23.3	0.0086	0.0180	0.0180
N6A/14 + L4510	95	101	552	1008	1023	7.0	23.7	24.6	0.0086	0.0180	0.0180
N6A/16 + L4510	95	101	600	1056	1071	7.5	24.2	25.1	0.0086	0.0180	0.0180
N6A/18 + L4515	95	101	648	1159	1169	8.0	27.1	28.3	0.0086	0.0180	0.0203
N6A/20 + L4515	95	101	696	1207	1217	8.5	27.6	28.8	0.0111	0.0205	0.0228
N6A/22 + L4520	95	101	744	1355	1315	9.2	31.8	31.7	0.0111	0.0228	0.0228
N6A/24 + L4520	95	101	792	1403	1363	9.7	32.3	32.2	0.0111	0.0228	0.0228
N6A/28 + L4520	95	101	923	1534	1494	10.7	33.3	33.2	0.0136	0.0253	0.0253
N6A/30 + L4520	95	101	971	1582	1542	11.2	33.8	33.7	0.0136	0.0253	0.0253
N6A/34 + L4530	95	101	1067	1778	1738	12.2	38.6	37.7	0.0136	0.0283	0.0283
N6A/38 + L4530	95	101	1163	1874	1834	13.2	39.6	38.7	0.0160	0.0307	0.0307
N6A/40 + L4530	95	101	1211	1922	1882	14.7	41.1	40.2	0.0160	0.0307	0.0307

Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

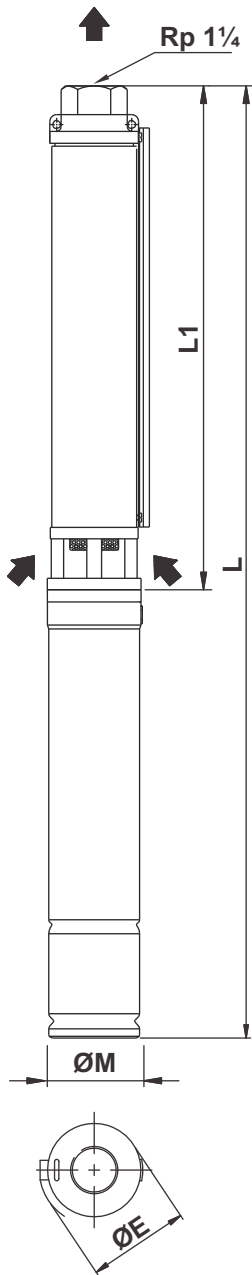
N6A



# Technical data

## Mixed flow 4" submersible bore well pumps

# N8H



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm							
	Oil filled	Water filled				H mts.							
						0	1.2	1.8	2.4	3.0	3.6	4.8	5.8
N8H/6	H4505	L4505	0.37	0.50	38	34	31	29	26	23	16	8	
N8H/8	H4507	L4507	0.55	0.75	51	45	42	38	35	31	21	11	
N8H/10	H4510	L4510	0.75	1.00	63	56	52	48	43	38	26	14	
N8H/12	H4515	L4515	1.10	1.50	76	68	63	58	52	46	32	16	
N8H/14	H4515	L4515	1.10	1.50	88	79	73	67	61	54	37	19	
N8H/16	H4515	L4515	1.10	1.50	101	90	84	77	69	61	42	22	
N8H/18	H4520	L4520	1.50	2.00	114	101	94	86	78	69	47	25	
N8H/20	H4520	L4520	1.50	2.00	126	113	105	96	87	77	53	27	
N8H/22	H4520	L4520	1.50	2.00	139	124	115	106	96	85	58	30	
N8H/24	H4520	L4520	1.50	2.00	152	135	125	115	104	92	63	33	
N8H/26	H4530	L4530	2.20	3.00	164	147	136	125	113	100	69	35	
N8H/28	H4530	L4530	2.20	3.00	177	158	146	134	122	108	74	38	
N8H/30	H4530	L4530	2.20	3.00	190	169	157	144	130	115	79	41	
N8H/32	H4530	L4530	2.20	3.00	202	180	167	153	139	123	84	44	

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N8H/6 + H4505	95	101	366	667	667	5.0	13.9	14.1	0.0086	0.0180	0.0180
N8H/8 + H4507	95	101	416	747	732	5.5	16.0	15.5	0.0086	0.0180	0.0180
N8H/10 + H4510	95	101	466	812	797	6.0	17.0	16.8	0.0086	0.0180	0.0180
N8H/12 + H4515	95	101	516	897	867	6.5	19.1	18.5	0.0086	0.0180	0.0180
N8H/14 + H4515	95	101	566	947	917	7.0	19.6	19.0	0.0086	0.0180	0.0180
N8H/16 + H4515	95	101	616	997	967	7.5	20.1	19.5	0.0111	0.0205	0.0205
N8H/18 + H4520	95	101	666	1087	1037	8.0	22.2	21.8	0.0111	0.0205	0.0205
N8H/20 + H4520	95	101	716	1137	1087	8.5	22.7	22.3	0.0111	0.0205	0.0205
N8H/22 + H4520	95	101	766	1187	1137	9.2	23.4	23.0	0.0111	0.0205	0.0205
N8H/24 + H4520	95	101	816	1237	1187	9.7	23.9	23.5	0.0136	0.0230	0.0230
N8H/26 + H4530	95	101	866	1347	1297	10.2	29.8	27.4	0.0136	0.0230	0.0230
N8H/28 + H4530	95	101	951	1432	1382	10.7	30.3	27.9	0.0136	0.0230	0.0230
N8H/30 + H4530	95	101	1001	1482	1432	11.2	30.8	28.4	0.0136	0.0230	0.0230
N8H/32 + H4530	95	101	1051	1532	1482	11.7	31.3	28.9	0.0160	0.0254	0.0254

### Dimensions & weights of pump with Water filled motor

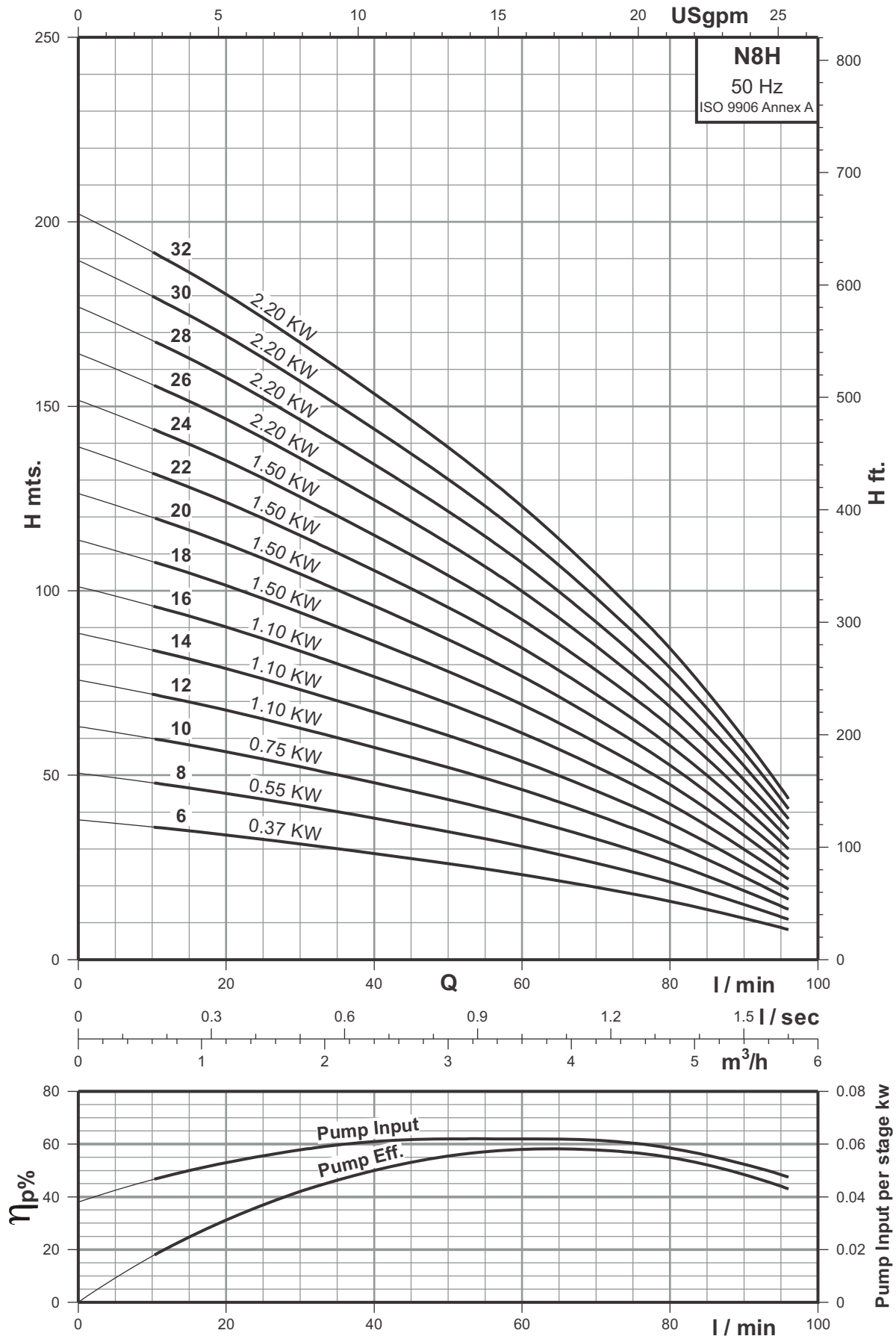
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N8H/6 + L4505	95	101	366	797	807	5.0	19.3	21.0	0.0086	0.0180	0.0180
N8H/8 + L4507	95	101	416	862	872	5.5	20.7	22.3	0.0086	0.0180	0.0180
N8H/10 + L4510	95	101	466	922	937	6.0	22.7	23.6	0.0086	0.0180	0.0180
N8H/12 + L4515	95	101	516	1027	1037	6.5	25.6	26.8	0.0086	0.0180	0.0203
N8H/14 + L4515	95	101	566	1077	1087	7.0	26.1	27.3	0.0086	0.0180	0.0203
N8H/16 + L4515	95	101	616	1127	1137	7.5	26.6	27.8	0.0111	0.0205	0.0228
N8H/18 + L4520	95	101	666	1277	1237	8.0	30.6	30.5	0.0111	0.0228	0.0228
N8H/20 + L4520	95	101	716	1327	1287	8.5	31.1	31.0	0.0111	0.0228	0.0228
N8H/22 + L4520	95	101	766	1377	1337	9.2	31.8	31.7	0.0111	0.0228	0.0228
N8H/24 + L4520	95	101	816	1427	1387	9.7	32.3	32.2	0.0136	0.0253	0.0253
N8H/26 + L4530	95	101	866	1577	1537	10.2	36.6	35.7	0.0136	0.0283	0.0283
N8H/28 + L4530	95	101	951	1662	1622	10.7	37.1	36.2	0.0136	0.0283	0.0283
N8H/30 + L4530	95	101	1001	1712	1672	11.2	37.6	36.7	0.0136	0.0283	0.0283
N8H/32 + L4530	95	101	1051	1762	1722	11.7	38.1	37.2	0.0160	0.0307	0.0307

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

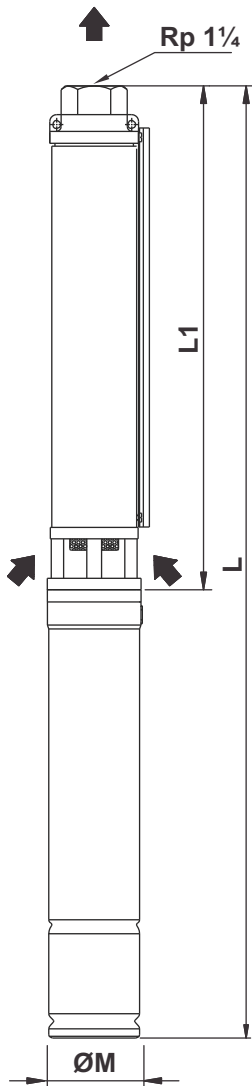
N8H



# Technical data

## Mixed flow 4" submersible bore well pumps

## N10H



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm						
	Oil filled	Water filled				0	0.6	1.2	2.4	3.6	4.8	5.9
						0	10	20	40	60	80	98
N10H/4	H4505	L4505	0.37	0.50	H mts.	25	24	23	20	17	12	6
N10H/6	H4507	L4507	0.55	0.75		37	36	35	31	25	18	9
N10H/8	H4510	L4510	0.75	1.00		50	48	46	41	34	24	12
N10H/10	H4510	L4510	0.75	1.00		62	60	58	51	42	30	15
N10H/12	H4515	L4515	1.10	1.50		75	72	69	61	50	35	18
N10H/14	H4515	L4515	1.10	1.50		87	84	81	71	59	41	21
N10H/16	H4520	L4520	1.50	2.00		99	96	92	81	67	47	24
N10H/18	H4520	L4520	1.50	2.00		112	108	104	92	76	53	27
N10H/20	H4530	L4530	2.20	3.00		124	120	115	102	84	59	30
N10H/22	H4530	L4530	2.20	3.00		137	132	127	112	92	65	33
N10H/24	H4530	L4530	2.20	3.00		149	144	138	122	101	71	36
N10H/26	H4530	L4530	2.20	3.00		162	156	150	132	109	77	39

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
N10H/4 + H4505	95	101	316	617	617	4.5	13.4	13.6	0.0086	0.0180	0.0180
N10H/6 + H4507	95	101	366	697	682	5.0	15.5	15.0	0.0086	0.0180	0.0180
N10H/8 + H4510	95	101	416	762	747	5.5	16.5	16.3	0.0086	0.0180	0.0180
N10H/10 + H4510	95	101	466	812	797	6.0	17.0	16.8	0.0086	0.0180	0.0180
N10H/12 + H4515	95	101	516	897	867	6.5	19.1	18.5	0.0086	0.0180	0.0180
N10H/14 + H4515	95	101	566	947	917	7.0	19.6	19.0	0.0086	0.0180	0.0180
N10H/16 + H4520	95	101	616	1037	987	7.5	21.7	21.3	0.0111	0.0205	0.0205
N10H/18 + H4520	95	101	666	1087	1037	8.0	22.2	21.8	0.0111	0.0205	0.0205
N10H/20 + H4530	95	101	716	1197	1147	8.5	28.1	25.7	0.0111	0.0205	0.0205
N10H/22 + H4530	95	101	766	1247	1197	9.2	28.8	26.4	0.0111	0.0205	0.0205
N10H/24 + H4530	95	101	816	1297	1247	9.7	29.3	26.9	0.0136	0.0230	0.0230
N10H/26 + H4530	95	101	866	1347	1297	10.1	29.7	27.3	0.0136	0.0230	0.0230

### Dimensions & weights of pump with Water filled motor

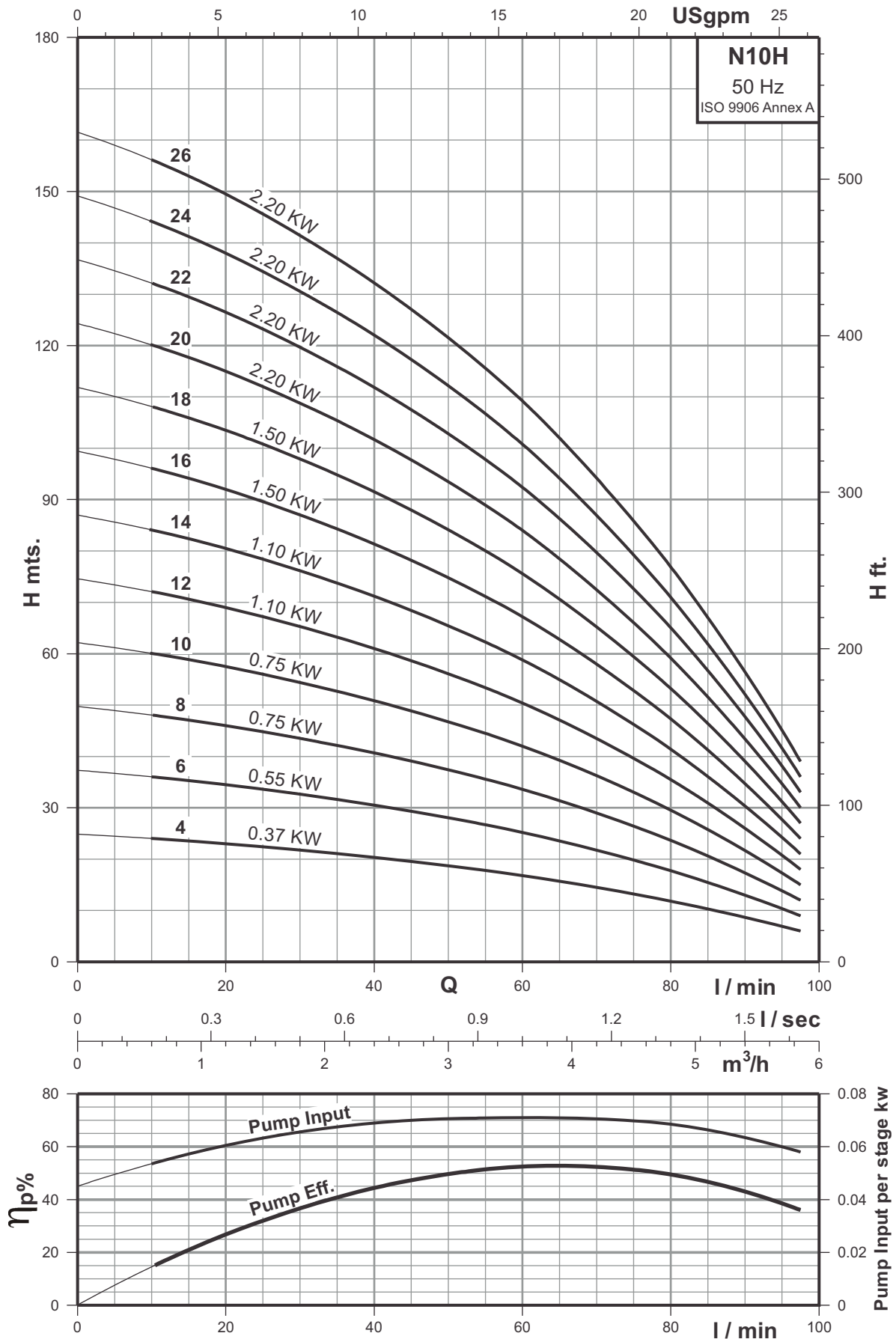
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
N10H/4 + L4505	95	101	316	747	757	4.5	18.8	20.5	0.0086	0.0180	0.0180
N10H/6 + L4507	95	101	366	812	822	5.0	20.2	21.8	0.0086	0.0180	0.0180
N10H/8 + L4510	95	101	416	872	887	5.5	22.2	23.1	0.0086	0.0180	0.0180
N10H/10 + L4510	95	101	466	922	937	6.0	22.7	23.6	0.0086	0.0180	0.0180
N10H/12 + L4515	95	101	516	1027	1037	6.5	25.6	26.8	0.0086	0.0180	0.0203
N10H/14 + L4515	95	101	566	1077	1087	7.0	26.1	27.3	0.0086	0.0180	0.0203
N10H/16 + L4520	95	101	616	1227	1187	7.5	30.1	30.0	0.0111	0.0228	0.0228
N10H/18 + L4520	95	101	666	1277	1237	8.0	30.6	30.5	0.0111	0.0228	0.0228
N10H/20 + L4530	95	101	716	1427	1387	8.5	34.9	34.0	0.0111	0.0258	0.0258
N10H/22 + L4530	95	101	766	1477	1437	9.2	35.6	34.7	0.0111	0.0258	0.0258
N10H/24 + L4530	95	101	816	1527	1487	9.7	36.1	35.2	0.0136	0.0283	0.0283
N10H/26 + L4530	95	101	866	1577	1537	10.1	36.5	35.6	0.0136	0.0283	0.0283

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
 Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
 All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

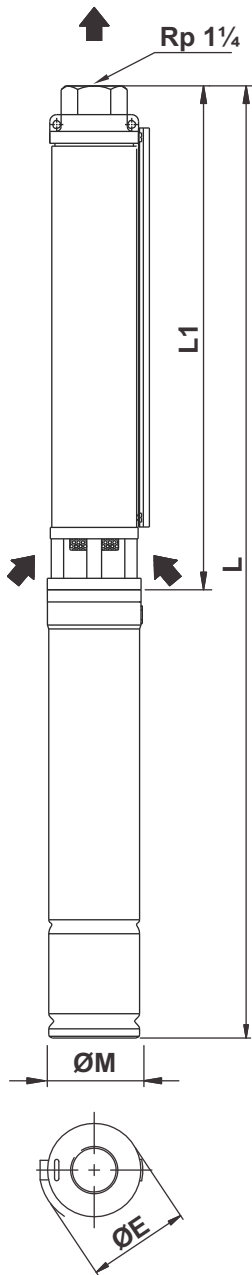
**N10H**



# Technical data

## Mixed flow 4" submersible bore well pumps

## N10H



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm						
	Oil filled	Water filled				0	0.6	1.2	2.4	3.6	4.8	5.9
						0	10	20	40	60	80	98
N10H/28	H4530	L4530	2.20	3.00	H mts.	174	168	161	142	118	83	42
N10H/30	H4530	L4530	2.20	3.00		186	180	173	153	126	89	45
N10H/32	H4540	L4540	3.00	4.00		199	192	184	163	134	95	48
N10H/34	H4540	L4540	3.00	4.00		211	204	196	173	143	101	51
N10H/36	H4540	L4540	3.00	4.00		224	216	207	183	151	106	54
N10H/38	H4540	L4540	3.00	4.00		236	228	219	193	160	112	57
N10H/40	H4555	L4555	4.00	5.50		249	240	230	203	168	118	60
N10H/42	H4555	L4555	4.00	5.50		261	252	242	214	176	124	63
N10H/44	H4555	L4555	4.00	5.50		273	264	253	224	185	130	66
N10H/46	H4555	L4555	4.00	5.50		286	276	265	234	193	136	69
N10H/48	H4555	L4555	4.00	5.50		298	288	276	244	202	142	72
N10H/50	H4555	L4555	4.00	5.50		311	300	288	254	210	148	75
N10H/52	H4575	L4575	5.50	7.50		323	312	299	264	218	154	78
N10H/54	H4575	L4575	5.50	7.50		336	324	311	275	227	160	81
N10H/56	H4575	L4575	5.50	7.50		348	336	322	285	235	166	84

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N10H/28 + H4530	95	101	951	1432	1382	10.7	30.3	27.9	0.0136	0.0230	0.0230
N10H/30 + H4530	95	101	1001	1482	1432	11.2	30.8	28.4	0.0136	0.0230	0.0230
N10H/32 + H4540	95	101	1051	-	1532	11.7	-	30.2	0.0160	-	0.0254
N10H/34 + H4540	95	101	1101	-	1582	12.2	-	30.7	0.0160	-	0.0254
N10H/36 + H4540	95	101	1151	-	1632	12.7	-	31.2	0.0160	-	0.0254
N10H/38 + H4540	95	101	1201	-	1682	13.2	-	31.7	0.0185	-	0.0279
N10H/40 + H4555	95	101	1286	1951	1901	14.7	37.2	36.1	0.0185	0.0332	0.0302
N10H/42 + H4555	95	101	1336	2001	1951	15.2	37.7	36.6	0.0185	0.0332	0.0302
N10H/44 + H4555	95	101	1386	2051	2001	15.7	38.2	37.1	0.0185	0.0332	0.0302
N10H/46 + H4555	95	101	1436	2101	2051	16.2	38.7	37.6	0.0209	0.0356	0.0326
N10H/48 + H4555	95	101	1486	2151	2101	16.7	39.2	38.1	0.0209	0.0356	0.0326
N10H/50 + H4555	95	101	1536	2201	2151	17.2	39.7	38.6	0.0209	0.0356	0.0326
N10H/52 + H4575	95	101	1586	-	2291	17.7	-	44.2	0.0209	-	0.0356
N10H/54 + H4575	95	101	1636	-	2341	18.2	-	44.7	0.0234	-	0.0381
N10H/56 + H4575	95	101	1686	-	2391	18.7	-	45.2	0.0234	-	0.0381

### Dimensions & weights of pump with Water filled motor

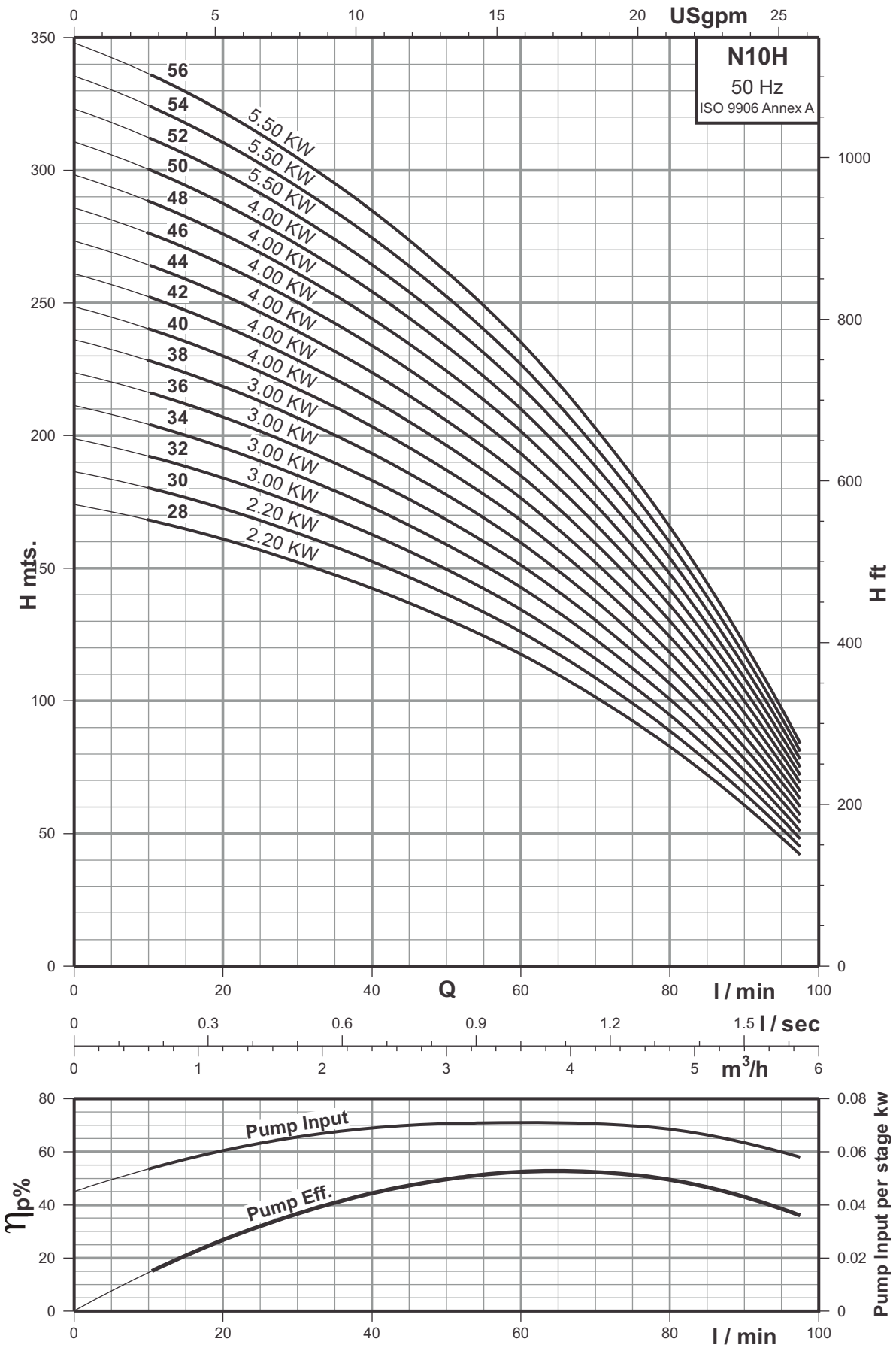
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N10H/28 + L4530	95	101	951	1662	1622	10.7	37.1	36.2	0.0136	0.0283	0.0283
N10H/30 + L4530	95	101	1001	1712	1672	11.2	37.6	36.7	0.0136	0.0283	0.0283
N10H/32 + L4540	95	101	1051	-	1802	11.7	-	41.2	0.0160	-	0.0307
N10H/34 + L4540	95	101	1101	-	1852	12.2	-	41.7	0.0160	-	0.0307
N10H/36 + L4540	95	101	1151	-	1902	12.7	-	42.2	0.0160	-	0.0307
N10H/38 + L4540	95	101	1201	-	1952	13.2	-	42.7	0.0185	-	0.0332
N10H/40 + L4555	95	101	1286	2127	2107	14.7	45.0	48.1	0.0185	0.0332	0.0332
N10H/42 + L4555	95	101	1336	2177	2157	15.2	45.5	48.6	0.0185	0.0332	0.0332
N10H/44 + L4555	95	101	1386	2227	2207	15.7	46.0	49.1	0.0185	0.0332	0.0332
N10H/46 + L4555	95	101	1436	2277	2257	16.2	46.5	49.6	0.0209	0.0356	0.0356
N10H/48 + L4555	95	101	1486	2327	2307	16.7	47.0	50.1	0.0209	0.0356	0.0356
N10H/50 + L4555	95	101	1536	2377	2357	17.2	47.5	50.6	0.0209	0.0356	0.0356
N10H/52 + L4575	95	101	1586	-	2477	17.7	-	52.0	0.0209	-	0.0356
N10H/54 + L4575	95	101	1636	-	2527	18.2	-	52.5	0.0234	-	0.0381
N10H/56 + L4575	95	101	1686	-	2577	18.7	-	53.0	0.0234	-	0.0381

Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

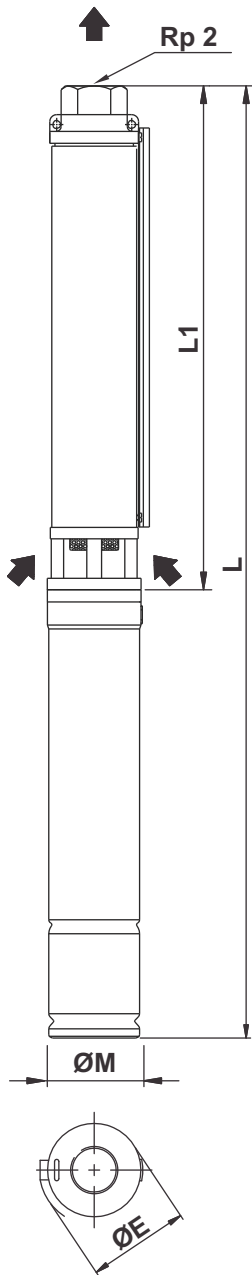
**N10H**



# Technical data

## Mixed flow 4" submersible bore well pumps

# N15A



### Performance chart

Pump type	Motor type		kW	HP	Q m <sup>3</sup> /h l/min	n = 2900 rpm							
	Oil filled	Water filled				0	2.7	3.6	4.8	6	7.2	8.4	
						0	45	60	80	100	120	140	
N15A/5	H4507	L4507	0.55	0.75	H mts.	35	30	28	25	21	16	10	
N15A/7	H4510	L4510	0.75	1.00		49	42	39	35	29	23	14	
N15A/10	H4515	L4515	1.10	1.50		70	60	56	50	42	32	20	
N15A/12	H4520	L4520	1.50	2.00		84	72	67	60	50	39	24	
N15A/14	H4520	L4520	1.50	2.00		98	84	79	70	59	45	28	
N15A/16	H4530	L4530	2.20	3.00		112	96	90	80	67	52	32	
N15A/18	H4530	L4530	2.20	3.00		126	109	101	90	76	58	36	
N15A/20	H4530	L4530	2.20	3.00		140	121	112	99	84	64	40	
N15A/22	H4530	L4530	2.20	3.00		154	133	123	109	92	71	44	
N15A/24	H4540	L4540	3.00	4.00		168	145	135	119	101	77	48	
N15A/26	H4540	L4540	3.00	4.00		182	157	146	129	109	84	52	
N15A/28	H4540	L4540	3.00	4.00		196	169	157	139	117	90	56	
N15A/30	H4555	L4555	4.00	5.50		210	181	168	149	126	97	60	
N15A/32	H4555	L4555	4.00	5.50		224	193	180	159	134	103	64	
N15A/34	H4555	L4555	4.00	5.50		238	205	191	169	143	110	68	
N15A/36	H4555	L4555	4.00	5.50		252	217	202	179	151	116	72	

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m <sup>3</sup> ]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N15A/5 + H4507	95	101	391	722	707	5.2	15.7	15.2	0.0061	0.0155	0.0155
N15A/7 + H4510	95	101	459	805	790	5.7	16.7	16.5	0.0086	0.0180	0.0180
N15A/10 + H4515	95	101	561	942	912	6.6	19.2	18.6	0.0086	0.0180	0.0180
N15A/12 + H4520	95	101	629	1050	1000	6.9	21.1	20.7	0.0111	0.0205	0.0205
N15A/14 + H4520	95	101	697	1118	1068	7.7	21.9	21.5	0.0111	0.0205	0.0205
N15A/16 + H4530	95	101	765	1246	1196	8.3	27.9	25.5	0.0111	0.0205	0.0205
N15A/18 + H4530	95	101	833	1314	1264	9.1	28.7	26.3	0.0128	0.0222	0.0222
N15A/20 + H4530	95	101	936	1417	1367	9.9	29.5	27.1	0.0128	0.0222	0.0222
N15A/22 + H4530	95	101	1004	1485	1435	10.6	30.2	27.8	0.0136	0.0230	0.0230
N15A/24 + H4540	95	101	1072	-	1553	11.2	-	29.7	0.0160	-	0.0254
N15A/26 + H4540	95	101	1140	-	1621	11.9	-	30.4	0.0160	-	0.0254
N15A/28 + H4540	95	101	1208	-	1689	12.6	-	31.1	0.0160	-	0.0254
N15A/30 + H4555	95	101	1276	1941	1891	13.2	35.7	34.6	0.0185	0.0332	0.0302
N15A/32 + H4555	95	101	1344	2009	1959	14.0	36.5	35.4	0.0185	0.0332	0.0302
N15A/34 + H4555	95	101	1412	2077	2027	14.6	37.1	36.0	0.0196	0.0343	0.0313
N15A/36 + H4555	95	101	1480	2145	2095	15.4	37.9	36.8	0.0196	0.0343	0.0313

### Dimensions & weights of pump with Water filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m <sup>3</sup> ]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N15A/5 + L4507	95	101	391	837	847	5.2	20.4	22.0	0.0061	0.0155	0.0155
N15A/7 + L4510	95	101	459	915	930	5.7	22.4	23.3	0.0086	0.0180	0.0180
N15A/10 + L4515	95	101	561	1072	1082	6.6	25.7	26.9	0.0086	0.0180	0.0203
N15A/12 + L4520	95	101	629	1240	1200	6.9	29.5	29.4	0.0111	0.0228	0.0228
N15A/14 + L4520	95	101	697	1308	1268	7.7	30.3	30.2	0.0111	0.0228	0.0228
N15A/16 + L4530	95	101	765	1476	1436	8.3	34.7	33.8	0.0111	0.0258	0.0258
N15A/18 + L4530	95	101	833	1544	1504	9.1	35.5	34.6	0.0128	0.0275	0.0275
N15A/20 + L4530	95	101	936	1647	1607	9.9	36.3	35.4	0.0128	0.0275	0.0275
N15A/22 + L4530	95	101	1004	1715	1675	10.6	37.0	36.1	0.0136	0.0283	0.0283
N15A/24 + L4540	95	101	1072	-	1823	11.2	-	40.7	0.0160	-	0.0307
N15A/26 + L4540	95	101	1140	-	1891	11.9	-	41.4	0.0160	-	0.0307
N15A/28 + L4540	95	101	1208	-	1959	12.6	-	42.1	0.0160	-	0.0307
N15A/30 + L4555	95	101	1276	2117	2097	13.2	43.5	46.6	0.0185	0.0332	0.0332
N15A/32 + L4555	95	101	1344	2185	2165	14.0	44.3	47.4	0.0185	0.0332	0.0332
N15A/34 + L4555	95	101	1412	2253	2233	14.6	44.9	48.0	0.0196	0.0343	0.0343
N15A/36 + L4555	95	101	1480	2321	2301	15.4	45.7	48.8	0.0196	0.0343	0.0343

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.

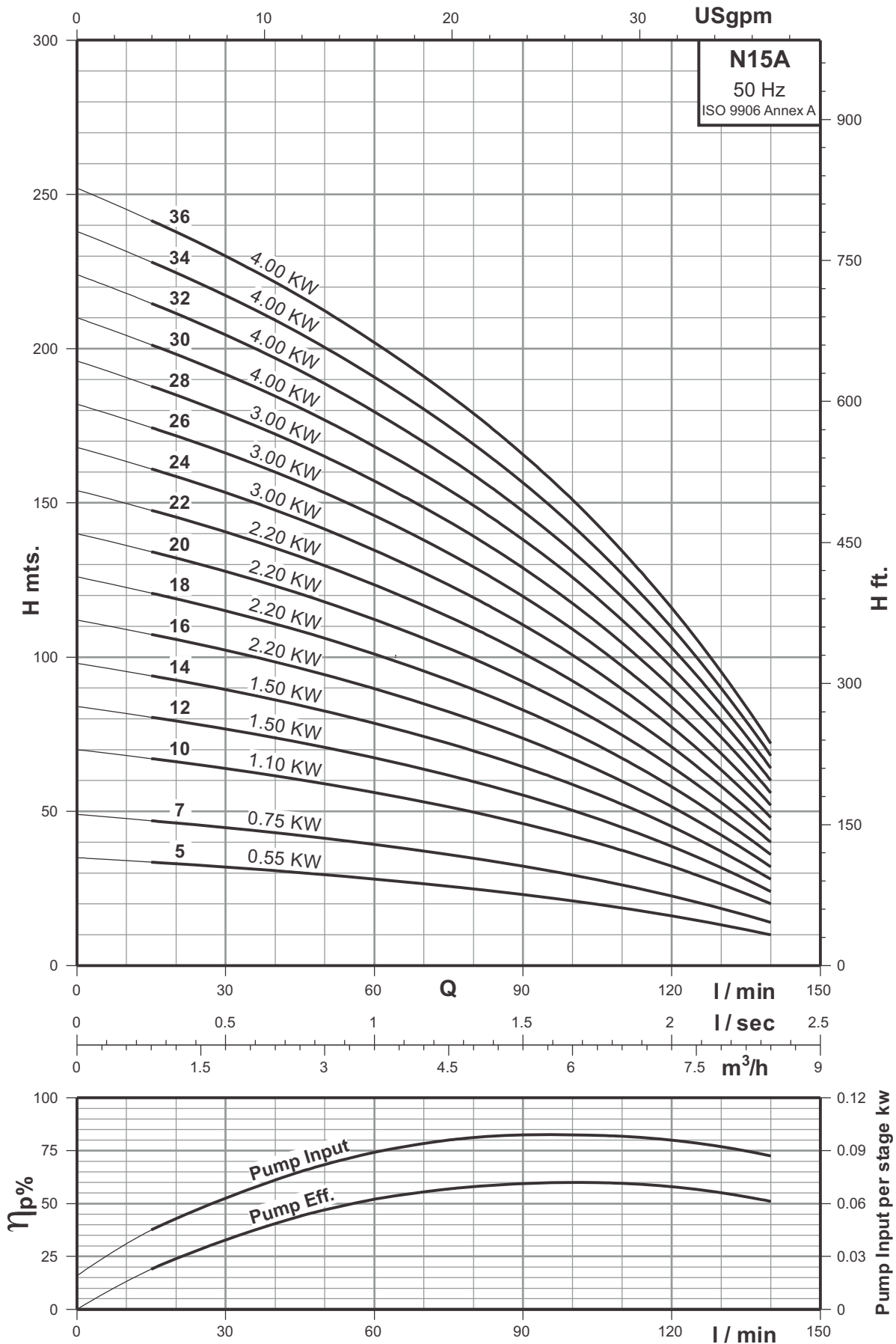
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.

All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

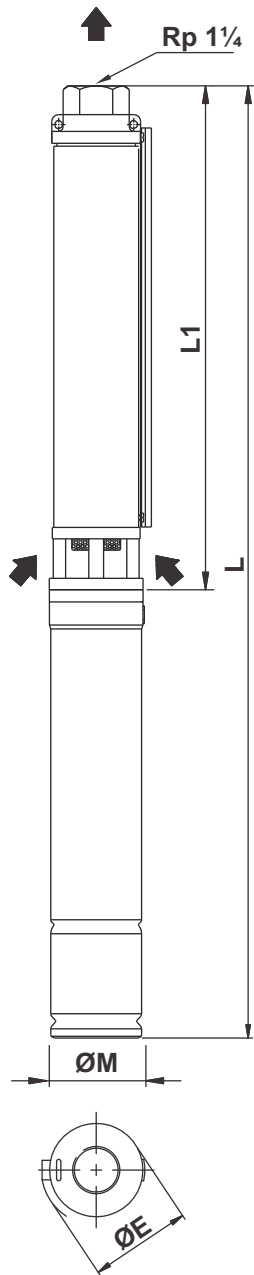
N15A



# Technical data

## Mixed flow 4" submersible bore well pumps

## N15H



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm						
	Oil filled	Water filled				0	1.8	2.7	3.6	4.5	5.4	6.3
						0	30	45	60	75	90	105
N15H/3	H4505	L4505	0.37	0.50	H mts.	27	24	22	20	17	13	9
N15H/5	H4507	L4507	0.55	0.75		45	40	37	33	28	22	16
N15H/7	H4510	L4510	0.75	1.00		63	57	52	46	39	30	22
N15H/9	H4515	L4515	1.10	1.50		82	73	67	59	50	39	28
N15H/11	H4520	L4520	1.50	2.00		100	89	82	72	61	48	34
N15H/13	H4520	L4520	1.50	2.00		118	105	97	85	72	56	40
N15H/15	H4520	L4520	1.50	2.00		136	121	111	99	83	65	47
N15H/17	H4530	L4530	2.20	3.00		154	137	126	112	94	74	53
N15H/19	H4530	L4530	2.20	3.00		172	154	141	125	105	83	59
N15H/21	H4530	L4530	2.20	3.00		190	170	156	138	116	91	65
N15H/23	H4540	L4540	3.00	4.00		208	186	171	151	127	100	72
N15H/25	H4540	L4540	3.00	4.00		226	202	186	164	139	109	78
N15H/27	H4540	L4540	3.00	4.00		245	218	201	177	150	117	84
N15H/29	H4555	L4555	4.00	5.50		263	234	215	191	161	126	90
N15H/31	H4555	L4555	4.00	5.50		281	251	230	204	172	135	97
N15H/33	H4555	L4555	4.00	5.50		299	267	245	217	183	143	103
N15H/35	H4555	L4555	4.00	5.50		317	283	260	230	194	152	109
N15H/37	H4555	L4555	4.00	5.50		335	299	275	243	205	161	115

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N15H/3 + H4505	95	101	300	601	601	4.5	13.4	13.6	0.0061	0.0155	0.0155
N15H/5 + H4507	95	101	356	687	672	4.9	15.4	14.9	0.0061	0.0155	0.0155
N15H/7 + H4510	95	101	412	758	743	5.2	16.2	16.0	0.0086	0.0180	0.0180
N15H/9 + H4515	95	101	468	849	819	5.7	18.3	17.7	0.0086	0.0180	0.0180
N15H/11 + H4520	95	101	524	945	895	6.2	20.4	20.0	0.0086	0.0180	0.0180
N15H/13 + H4520	95	101	580	1001	951	6.7	20.9	20.5	0.0086	0.0180	0.0180
N15H/15 + H4520	95	101	636	1057	1007	7.3	21.5	21.1	0.0111	0.0205	0.0205
N15H/17 + H4530	95	101	692	1173	1123	7.8	27.4	25.0	0.0111	0.0205	0.0205
N15H/19 + H4530	95	101	748	1229	1179	8.3	27.9	25.5	0.0111	0.0205	0.0205
N15H/21 + H4530	95	101	804	1285	1235	8.9	28.5	26.1	0.0111	0.0205	0.0205
N15H/23 + H4540	95	101	860	-	1341	9.4	-	27.9	0.0128	-	0.0222
N15H/25 + H4540	95	101	916	-	1397	9.9	-	28.4	0.0128	-	0.0222
N15H/27 + H4540	95	101	972	-	1453	10.4	-	28.9	0.0136	-	0.0230
N15H/29 + H4555	95	101	1063	1728	1678	10.9	33.4	32.3	0.0160	0.0307	0.0277
N15H/31 + H4555	95	101	1119	1784	1734	11.4	33.9	32.8	0.0160	0.0307	0.0277
N15H/33 + H4555	95	101	1175	1840	1790	11.9	34.4	33.3	0.0160	0.0307	0.0277
N15H/35 + H4555	95	101	1231	1896	1846	12.4	34.9	33.8	0.0185	0.0332	0.0302
N15H/37 + H4555	95	101	1287	1952	1902	12.9	35.4	34.3	0.0185	0.0332	0.0302

### Dimensions & weights of pump with Water filled motor

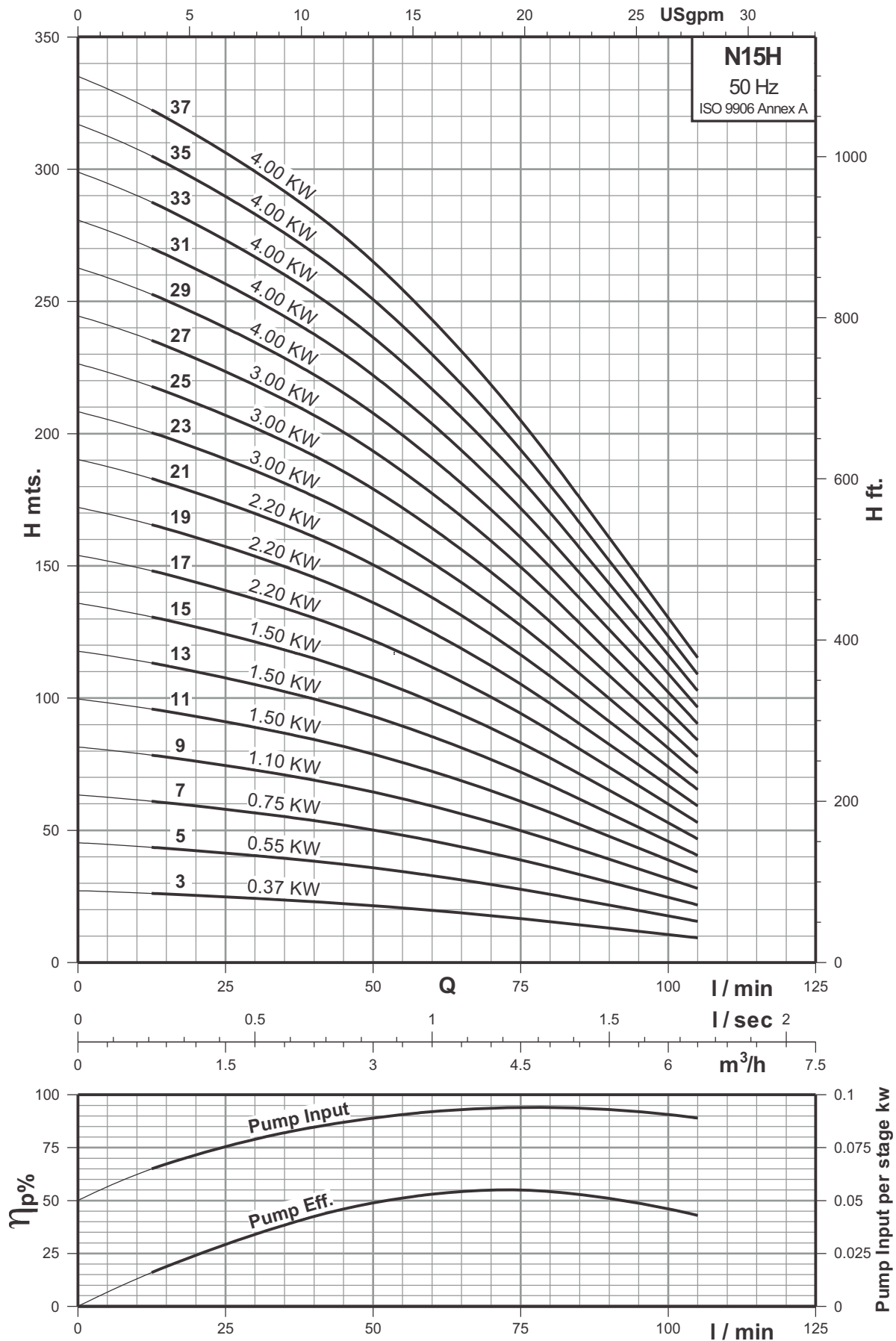
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N15H/3 + L4505	95	101	300	731	741	4.5	18.8	20.5	0.0061	0.0155	0.0155
N15H/5 + L4507	95	101	356	802	812	4.9	20.1	21.7	0.0061	0.0155	0.0155
N15H/7 + L4510	95	101	412	868	883	5.2	21.9	22.8	0.0086	0.0180	0.0180
N15H/9 + L4515	95	101	468	979	989	5.7	24.8	26.0	0.0086	0.0180	0.0203
N15H/11 + L4520	95	101	524	1135	1095	6.2	28.8	28.7	0.0086	0.0203	0.0203
N15H/13 + L4520	95	101	580	1191	1151	6.7	29.3	29.2	0.0086	0.0203	0.0203
N15H/15 + L4520	95	101	636	1247	1207	7.3	29.9	29.8	0.0111	0.0228	0.0228
N15H/17 + L4530	95	101	692	1403	1363	7.8	34.2	33.3	0.0111	0.0258	0.0258
N15H/19 + L4530	95	101	748	1459	1419	8.3	34.7	33.8	0.0111	0.0258	0.0258
N15H/21 + L4530	95	101	804	1515	1475	8.9	35.3	34.4	0.0111	0.0258	0.0258
N15H/23 + L4540	95	101	860	-	1611	9.4	-	38.9	0.0128	-	0.0275
N15H/25 + L4540	95	101	916	-	1667	9.9	-	39.4	0.0128	-	0.0275
N15H/27 + L4540	95	101	972	-	1723	10.4	-	39.9	0.0136	-	0.0283
N15H/29 + L4555	95	101	1063	1904	1884	10.9	41.2	44.3	0.0160	0.0307	0.0307
N15H/31 + L4555	95	101	1119	1960	1940	11.4	41.7	44.8	0.0160	0.0307	0.0307
N15H/33 + L4555	95	101	1175	2016	1996	11.9	42.2	45.3	0.0160	0.0307	0.0307
N15H/35 + L4555	95	101	1231	2072	2052	12.4	42.7	45.8	0.0185	0.0332	0.0332
N15H/37 + L4555	95	101	1287	2128	2108	12.9	43.2	46.3	0.0185	0.0332	0.0332

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

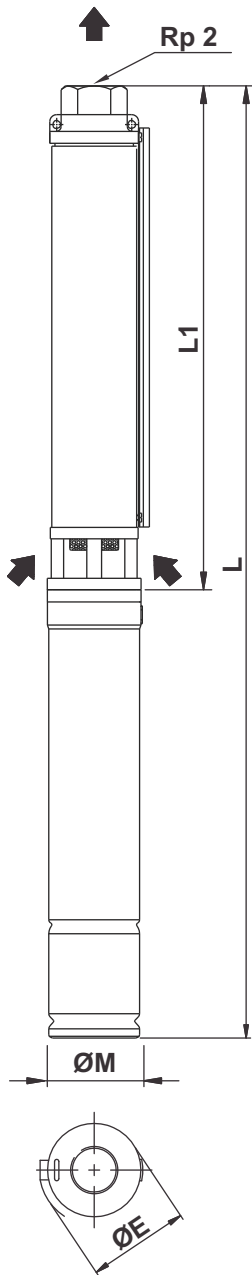
**N15H**



# Technical data

## Mixed flow 4" submersible bore well pumps

# N20A



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm					
	Oil filled	Water filled				0	4	5	6	7	8
						0	66	83	100	116	133
N20A/5	H4510	L4510	0.75	1.00	H mts.	35	31	28	26	23	19
N20A/6	H4515	L4515	1.10	1.50		42	37	34	31	28	23
N20A/8	H4515	L4515	1.10	1.50		56	49	45	41	37	31
N20A/10	H4520	L4520	1.50	2.00		71	61	57	52	46	39
N20A/12	H4530	L4530	2.20	3.00		85	73	68	62	55	47
N20A/14	H4530	L4530	2.20	3.00		99	85	80	73	64	55
N20A/16	H4530	L4530	2.20	3.00		113	98	91	83	74	62
N20A/18	H4540	L4540	3.00	4.00		127	110	102	93	83	70
N20A/20	H4540	L4540	3.00	4.00		141	122	114	104	92	78
N20A/22	H4555	L4555	4.00	5.50		155	134	125	114	101	86
N20A/24	H4555	L4555	4.00	5.50		169	147	136	124	111	93
N20A/26	H4555	L4555	4.00	5.50		183	159	148	135	120	101
N20A/28	H4555	L4555	4.00	5.50		197	171	159	145	129	109
N20A/30	H4575	L4575	5.50	7.50		212	183	171	156	138	117
N20A/32	H4575	L4575	5.50	7.50		226	195	182	166	147	125
N20A/34	H4575	L4575	5.50	7.50		240	208	193	176	157	132
N20A/36	H4575	L4575	5.50	7.50		254	220	205	187	166	140
N20A/38	H4575	L4575	5.50	7.50		268	232	216	197	175	148

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
N20A/5 + H4510	95	101	391	737	722	5.0	16.0	15.8	0.0061	0.0155	0.0155
N20A/6 + H4515	95	101	425	806	776	5.4	18.0	17.4	0.0086	0.0180	0.0180
N20A/8 + H4515	95	101	493	874	844	6.0	18.6	18.0	0.0086	0.0180	0.0180
N20A/10 + H4520	95	101	561	982	932	6.6	20.8	20.4	0.0086	0.0180	0.0180
N20A/12 + H4530	95	101	629	1110	1060	7.1	26.7	24.3	0.0111	0.0205	0.0205
N20A/14 + H4530	95	101	697	1178	1128	7.8	27.4	25.0	0.0111	0.0205	0.0205
N20A/16 + H4530	95	101	765	1246	1196	8.5	28.1	25.7	0.0111	0.0205	0.0205
N20A/18 + H4540	95	101	833	-	1314	9.1	-	27.6	0.0128	-	0.0222
N20A/20 + H4540	95	101	936	-	1417	9.8	-	28.3	0.0136	-	0.0230
N20A/22 + H4555	95	101	1004	1669	1619	10.3	32.8	31.7	0.0160	0.0307	0.0277
N20A/24 + H4555	95	101	1072	1737	1687	10.8	33.3	32.2	0.0160	0.0307	0.0277
N20A/26 + H4555	95	101	1140	1805	1755	11.5	34.0	32.9	0.0160	0.0307	0.0277
N20A/28 + H4555	95	101	1208	1873	1823	12.2	34.7	33.6	0.0185	0.0332	0.0302
N20A/30 + H4575	95	101	1276	-	1981	12.7	-	39.2	0.0185	-	0.0332
N20A/32 + H4575	95	101	1344	-	2049	13.2	-	39.7	0.0185	-	0.0332
N20A/34 + H4575	95	101	1412	-	2117	14.0	-	40.5	0.0196	-	0.0343
N20A/36 + H4575	95	101	1480	-	2185	14.5	-	41.0	0.0209	-	0.0356
N20A/38 + H4575	95	101	1548	-	2253	15.3	-	41.8	0.0209	-	0.0356

### Dimensions & weights of pump with Water filled motor

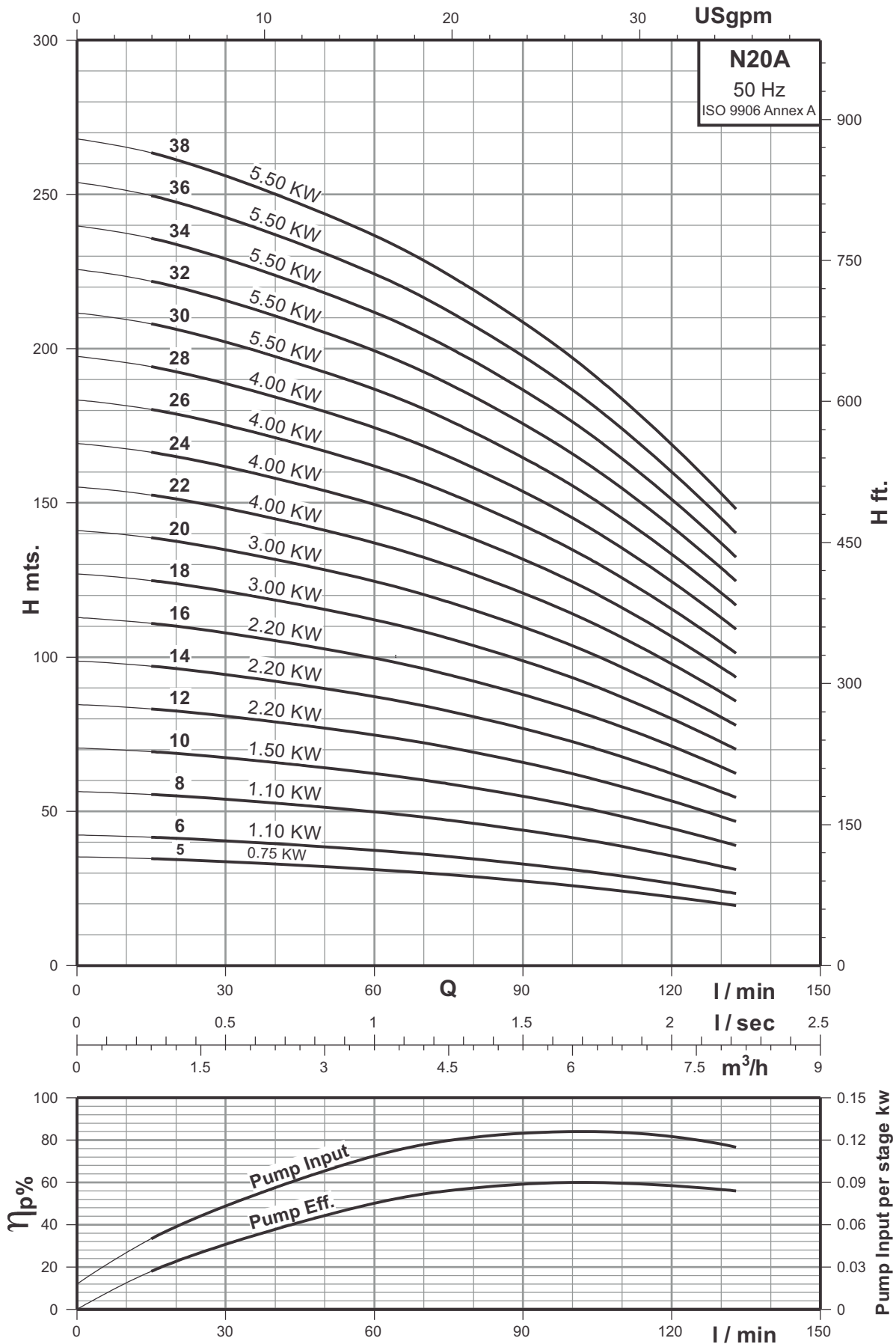
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
N20A/5 + L4510	95	101	391	847	862	5.0	21.7	22.6	0.0061	0.0155	0.0155
N20A/6 + L4515	95	101	425	936	946	5.4	24.5	25.7	0.0086	0.0180	0.0203
N20A/8 + L4515	95	101	493	1004	1014	6.0	25.1	26.3	0.0086	0.0180	0.0203
N20A/10 + L4520	95	101	561	1172	1132	6.6	29.2	29.1	0.0086	0.0203	0.0203
N20A/12 + L4530	95	101	629	1340	1300	7.1	33.5	32.6	0.0111	0.0258	0.0258
N20A/14 + L4530	95	101	697	1408	1368	7.8	34.2	33.3	0.0111	0.0258	0.0258
N20A/16 + L4530	95	101	765	1476	1436	8.5	34.9	34.0	0.0111	0.0258	0.0258
N20A/18 + L4540	95	101	833	-	1584	9.1	-	38.6	0.0128	-	0.0275
N20A/20 + L4540	95	101	936	-	1687	9.8	-	39.3	0.0136	-	0.0283
N20A/22 + L4555	95	101	1004	1845	1825	10.3	40.6	43.7	0.0160	0.0307	0.0307
N20A/24 + L4555	95	101	1072	1913	1893	10.8	41.1	44.2	0.0160	0.0307	0.0307
N20A/26 + L4555	95	101	1140	1981	1961	11.5	41.8	44.9	0.0160	0.0307	0.0307
N20A/28 + L4555	95	101	1208	2049	2029	12.2	42.5	45.6	0.0185	0.0332	0.0332
N20A/30 + L4575	95	101	1276	-	2167	12.7	-	47.0	0.0185	-	0.0332
N20A/32 + L4575	95	101	1344	-	2235	13.2	-	47.5	0.0185	-	0.0332
N20A/34 + L4575	95	101	1412	-	2303	14.0	-	48.3	0.0196	-	0.0343
N20A/36 + L4575	95	101	1480	-	2371	14.5	-	48.8	0.0209	-	0.0356
N20A/38 + L4575	95	101	1548	-	2439	15.3	-	49.6	0.0209	-	0.0356

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

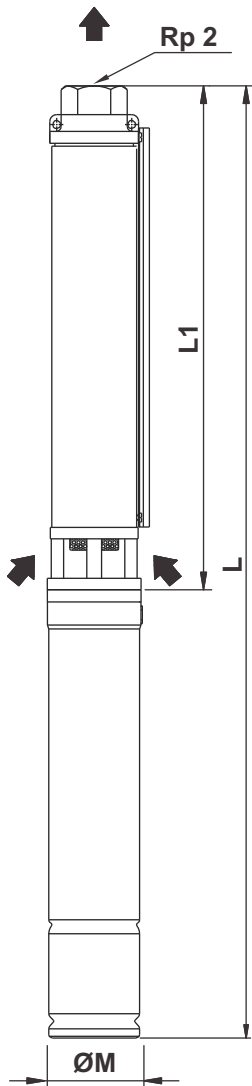
N20A



# Technical data

## Mixed flow 4" submersible bore well pumps

# N25

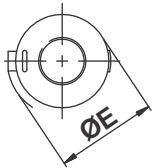


### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm						
	Oil filled	Water filled				0	4.8	6.6	7.8	9	10.8	12.6
						0	80	110	130	150	180	210
N25/6	H4515	L4515	1.10	1.50	H mts.	39	33	30	27	24	19	13
N25/8	H4520	L4520	1.50	2.00		52	43	39	36	32	25	17
N25/10	H4530	L4530	2.20	3.00		65	54	49	45	40	31	21
N25/12	H4530	L4530	2.20	3.00		77	65	59	54	48	37	25
N25/14	H4540	L4540	3.00	4.00		90	76	69	63	56	43	29
N25/16	H4540	L4540	3.00	4.00		102	87	79	72	64	49	33
N25/18	H4555	L4555	4.00	5.50		117	98	88	81	72	56	38
N25/20	H4555	L4555	4.00	5.50		130	108	98	90	80	62	42
N25/22	H4555	L4555	4.00	5.50		143	119	108	99	88	68	46
N25/24	H4575	L4575	5.50	7.50		156	130	118	108	96	74	50
N25/26	H4575	L4575	5.50	7.50		169	141	127	117	104	81	55
N25/28	H4575	L4575	5.50	7.50		182	152	137	125	112	86	58
N25/30	H4575	L4575	5.50	7.50		195	163	147	135	120	93	63

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N25/6 + H4515	95	101	557	938	908	6.6	19.2	18.6	0.0086	0.0180	0.0180
N25/8 + H4520	95	101	671	1092	1042	7.6	21.8	21.4	0.0111	0.0205	0.0205
N25/10 + H4530	95	101	785	1266	1216	8.7	28.3	25.9	0.0111	0.0205	0.0205
N25/12 + H4530	95	101	899	1380	1330	10.3	29.9	27.5	0.0128	0.0222	0.0222
N25/14 + H4540	95	101	1043	-	1524	11.5	-	30.0	0.0136	-	0.0230
N25/16 + H4540	95	101	1157	-	1638	13.1	-	31.6	0.0160	-	0.0254
N25/18 + H4555	95	101	1271	1936	1886	14.0	36.5	35.4	0.0185	0.0332	0.0302
N25/20 + H4555	95	101	1385	2050	2000	15.2	37.7	36.6	0.0185	0.0332	0.0302
N25/22 + H4555	95	101	1499	2164	2114	16.2	38.7	37.6	0.0196	0.0343	0.0313
N25/24 + H4575	95	101	1643	-	2348	17.1	-	43.6	0.0234	-	0.0381
N25/26 + H4575	95	101	1757	-	2462	18.0	-	44.5	0.0234	-	0.0381
N25/28 + H4575	95	101	1871	-	2576	19.4	-	45.9	0.0259	-	0.0406
N25/30 + H4575	95	101	1985	-	2690	20.5	-	47.0	0.0259	-	0.0406



### Dimensions & weights of pump with Water filled motor

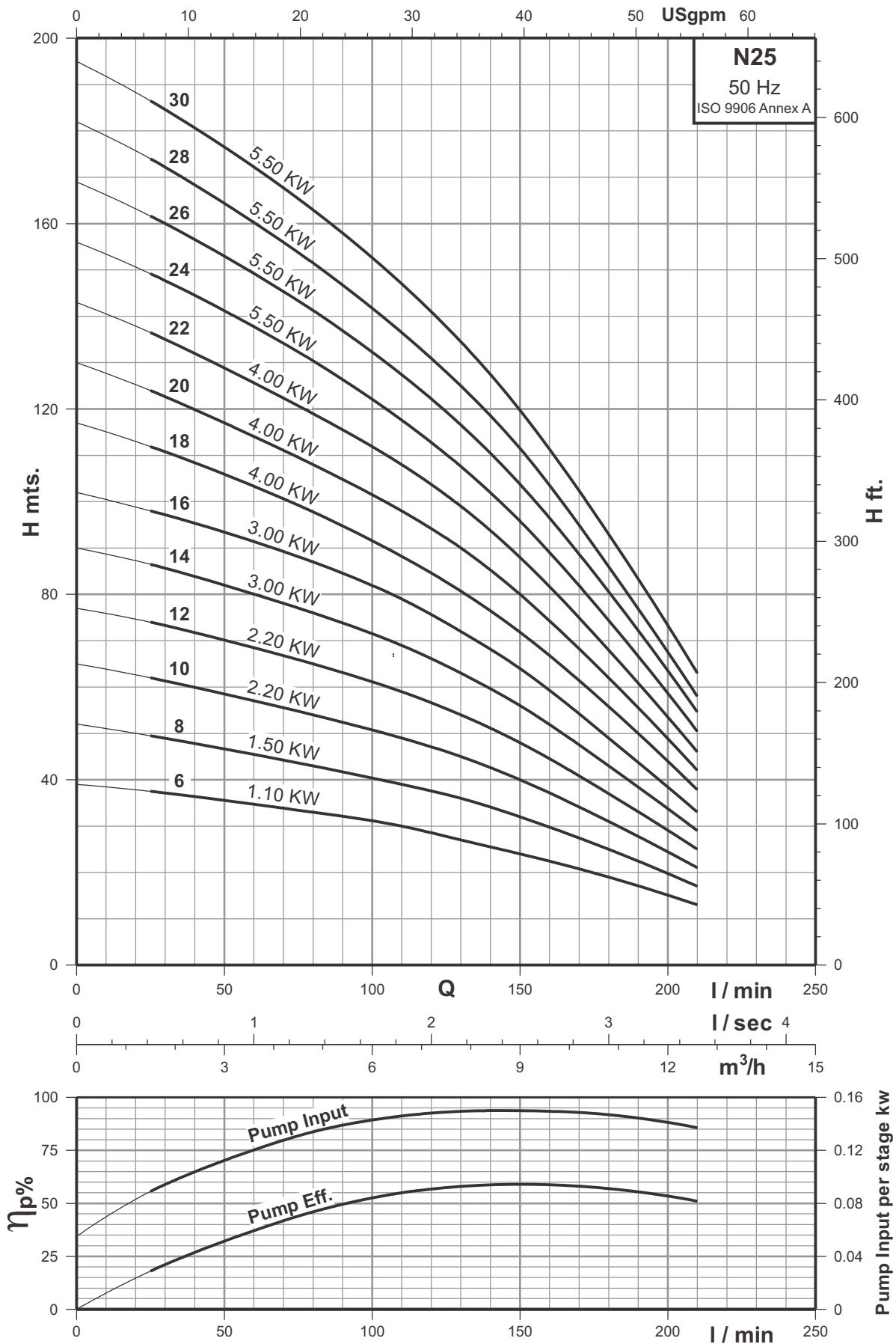
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N25/6 + L4515	95	101	557	1068	1078	6.6	25.7	26.9	0.0086	0.0180	0.0203
N25/8 + L4520	95	101	671	1282	1242	7.6	30.2	30.1	0.0111	0.0228	0.0228
N25/10 + L4530	95	101	785	1496	1456	8.7	35.1	34.2	0.0111	0.0258	0.0258
N25/12 + L4530	95	101	899	1610	1570	10.3	36.7	35.8	0.0128	0.0275	0.0275
N25/14 + L4540	95	101	1043	-	1794	11.5	-	41.0	0.0136	-	0.0283
N25/16 + L4540	95	101	1157	-	1908	13.1	-	42.6	0.0160	-	0.0307
N25/18 + L4555	95	101	1271	2112	2092	14.0	44.3	47.4	0.0185	0.0332	0.0332
N25/20 + L4555	95	101	1385	2226	2206	15.2	45.5	48.6	0.0185	0.0332	0.0332
N25/22 + L4555	95	101	1499	2340	2320	16.2	46.5	49.6	0.0196	0.0343	0.0343
N25/24 + L4575	95	101	1643	-	2534	17.1	-	51.4	0.0234	-	0.0381
N25/26 + L4575	95	101	1757	-	2648	18.0	-	52.3	0.0234	-	0.0381
N25/28 + L4575	95	101	1871	-	2762	19.4	-	53.7	0.0259	-	0.0406
N25/30 + L4575	95	101	1985	-	2876	20.5	-	54.8	0.0259	-	0.0406

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

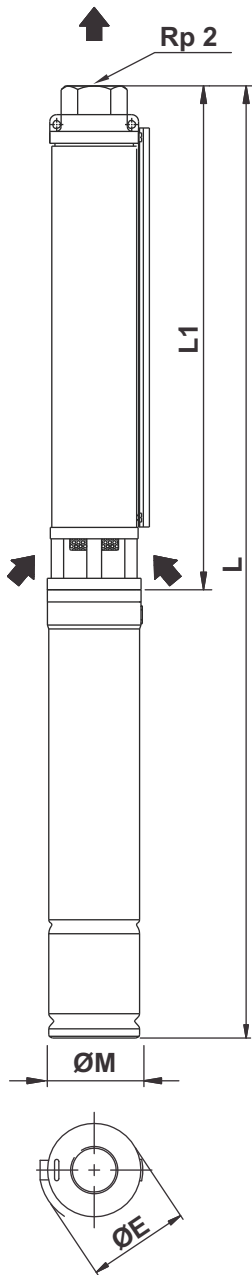
N25



# Technical data

## Mixed flow 4" submersible bore well pumps

# N31



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm									
	Oil filled	Water filled				H mts.									
						0	8.1	10.2	13.8	15	17.4	21	22.5	24	
N31/4	H4515	L4515	1.10	1.50	19	16	15	13	13	11	8	7	5		
N31/6	H4520	L4520	1.50	2.00	30	25	23	20	19	16	12	10	8		
N31/8	H4530	L4530	2.20	3.00	39	33	31	27	26	22	16	14	10		
N31/10	H4530	L4530	2.20	3.00	50	41	38	34	32	28	20	17	12		
N31/12	H4540	L4540	3.00	4.00	60	50	47	41	39	34	25	20	16		
N31/14	H4540	L4540	3.00	4.00	69	58	54	47	45	39	29	24	18		
N31/16	H4555	L4555	4.00	5.50	80	66	62	53	50	43	32	27	21		
N31/18	H4555	L4555	4.00	5.50	90	75	70	61	58	51	37	31	23		
N31/20	H4575	L4575	5.50	7.50	98	83	78	68	64	56	41	34	26		
N31/22	H4575	L4575	5.50	7.50	108	91	85	75	71	62	45	37	29		
N31/24	H4575	L4575	5.50	7.50	118	99	93	82	77	67	49	41	31		

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N31/4 + H4515	95	101	480	861	831	6.3	18.9	18.3	0.0086	0.0180	0.0180
N31/6 + H4520	95	101	630	1051	1001	7.9	22.1	21.7	0.0111	0.0205	0.0205
N31/8 + H4530	95	101	780	1261	1211	9.5	29.1	26.7	0.0111	0.0205	0.0205
N31/10 + H4530	95	101	930	1411	1361	11.1	30.7	28.3	0.0128	0.0222	0.0222
N31/12 + H4540	95	101	1080	-	1561	12.7	-	31.2	0.0160	-	0.0254
N31/14 + H4540	95	101	1230	-	1711	14.1	-	32.6	0.0185	-	0.0279
N31/16 + H4555	95	101	1380	2045	1995	15.5	38.0	36.9	0.0185	0.0332	0.0302
N31/18 + H4555	95	101	1530	2195	2145	18.4	40.9	39.8	0.0209	0.0356	0.0326
N31/20 + H4575	95	101	1680	-	2385	19.8	-	46.3	0.0234	-	0.0381
N31/22 + H4575	95	101	1830	-	2535	21.2	-	47.7	0.0246	-	0.0393
N31/24 + H4575	95	101	1980	-	2685	22.6	-	49.1	0.0259	-	0.0406

### Dimensions & weights of pump with Water filled motor

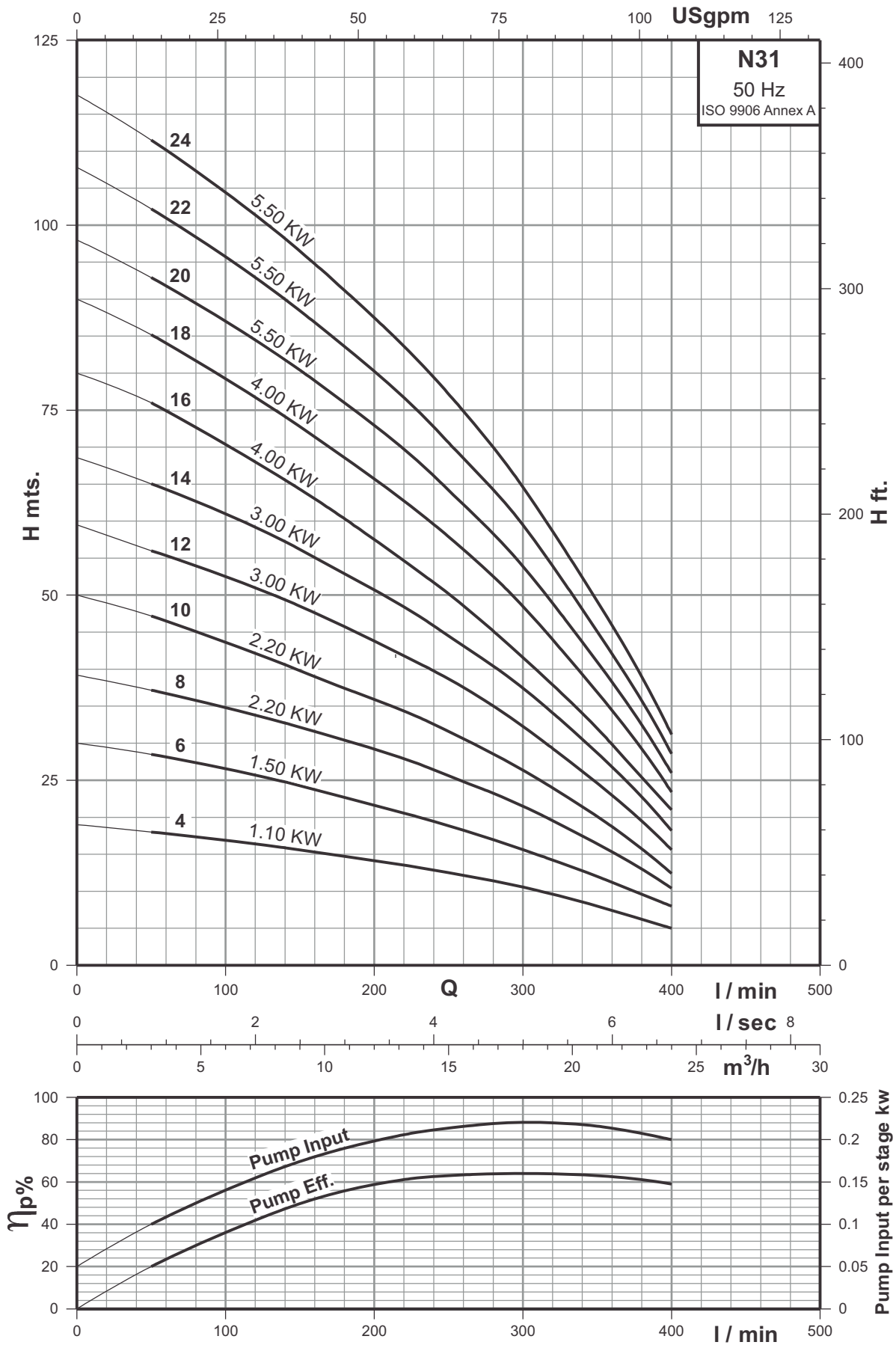
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N31/4 + L4515	95	101	480	991	1001	6.3	25.4	26.6	0.0086	0.0180	0.0203
N31/6 + L4520	95	101	630	1241	1201	7.9	30.5	30.4	0.0111	0.0228	0.0228
N31/8 + L4530	95	101	780	1491	1451	9.5	35.9	35.0	0.0111	0.0258	0.0258
N31/10 + L4530	95	101	930	1641	1601	11.1	37.5	36.6	0.0128	0.0275	0.0275
N31/12 + L4540	95	101	1080	-	1831	12.7	-	42.2	0.0160	-	0.0307
N31/14 + L4540	95	101	1230	-	1981	14.1	-	43.6	0.0185	-	0.0332
N31/16 + L4555	95	101	1380	2221	2201	15.5	45.8	48.9	0.0185	0.0332	0.0332
N31/18 + L4555	95	101	1530	2371	2351	18.4	48.7	51.8	0.0209	0.0356	0.0356
N31/20 + L4575	95	101	1680	-	2571	19.8	-	54.1	0.0234	-	0.0381
N31/22 + L4575	95	101	1830	-	2721	21.2	-	55.5	0.0246	-	0.0393
N31/24 + L4575	95	101	1980	-	2871	22.6	-	56.9	0.0259	-	0.0406

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

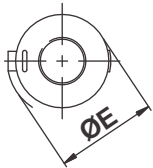
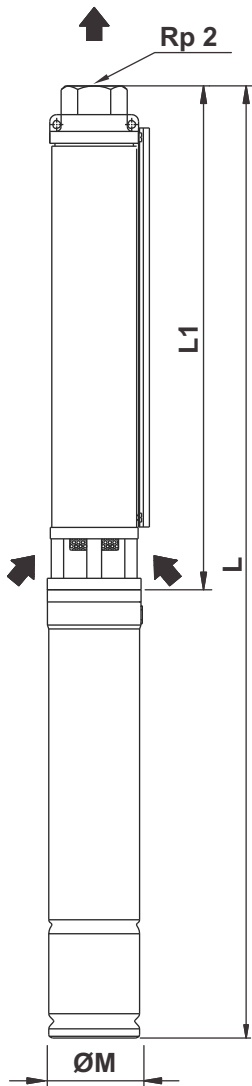
N31



# Technical data

## Mixed flow 4" submersible bore well pumps

# N40



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm						
	Oil filled	Water filled				0	9.6	12.6	15.6	18.6	21.6	24.6
						0	160	210	260	310	360	410
N40/5	H4520	L4520	1.50	2.00	H mts.	25	22	20	19	17	14	12
N40/6	H4520	L4520	1.50	2.00		30	26	24	22	20	17	14
N40/7	H4530	L4530	2.20	3.00		35	31	29	26	24	20	17
N40/8	H4530	L4530	2.20	3.00		40	35	33	30	27	23	19
N40/9	H4540	L4540	3.00	4.00		45	39	37	34	30	26	21
N40/10	H4540	L4540	3.00	4.00		51	44	41	37	34	29	24
N40/11	H4540	L4540	3.00	4.00		56	48	45	41	37	32	26
N40/12	H4555	L4555	4.00	5.50		61	52	49	45	40	35	28
N40/13	H4555	L4555	4.00	5.50		66	57	53	49	44	38	31
N40/14	H4555	L4555	4.00	5.50		71	61	57	52	47	41	33
N40/15	H4575	L4575	5.50	7.50		76	66	61	56	51	43	36
N40/16	H4575	L4575	5.50	7.50		81	70	65	60	54	46	38
N40/17	H4575	L4575	5.50	7.50		86	74	69	64	57	49	40
N40/18	H4575	L4575	5.50	7.50		91	79	73	67	61	52	43
N40/19	H4575	L4575	5.50	7.50		96	83	78	71	64	55	45

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N40/5 + H4520	95	101	557	978	928	7.6	21.8	21.4	0.0086	0.0180	0.0180
N40/6 + H4520	95	101	632	1053	1003	8.3	22.5	22.1	0.0111	0.0205	0.0205
N40/7 + H4530	95	101	707	1188	1138	8.9	28.5	26.1	0.0111	0.0205	0.0205
N40/8 + H4530	95	101	782	1263	1213	9.5	29.1	26.7	0.0111	0.0205	0.0205
N40/9 + H4540	95	101	857	-	1338	10.1	-	28.6	0.0128	-	0.0222
N40/10 + H4540	95	101	932	-	1413	10.7	-	29.2	0.0128	-	0.0222
N40/11 + H4540	95	101	1007	-	1488	11.4	-	29.9	0.0136	-	0.0230
N40/12 + H4555	95	101	1082	1747	1697	12.0	34.5	33.4	0.0160	0.0307	0.0277
N40/13 + H4555	95	101	1157	1822	1772	12.5	35.0	33.9	0.0160	0.0307	0.0277
N40/14 + H4555	95	101	1232	1897	1847	13.2	35.7	34.6	0.0185	0.0332	0.0302
N40/15 + H4575	95	101	1307	-	2012	13.7	-	40.2	0.0185	-	0.0332
N40/16 + H4575	95	101	1382	-	2087	14.2	-	40.7	0.0185	-	0.0332
N40/17 + H4575	95	101	1457	-	2162	14.7	-	41.2	0.0196	-	0.0343
N40/18 + H4575	95	101	1532	-	2237	15.2	-	41.7	0.0209	-	0.0356
N40/19 + H4575	95	101	1607	-	2312	16.3	-	42.8	0.0209	-	0.0356

### Dimensions & weights of pump with Water filled motor

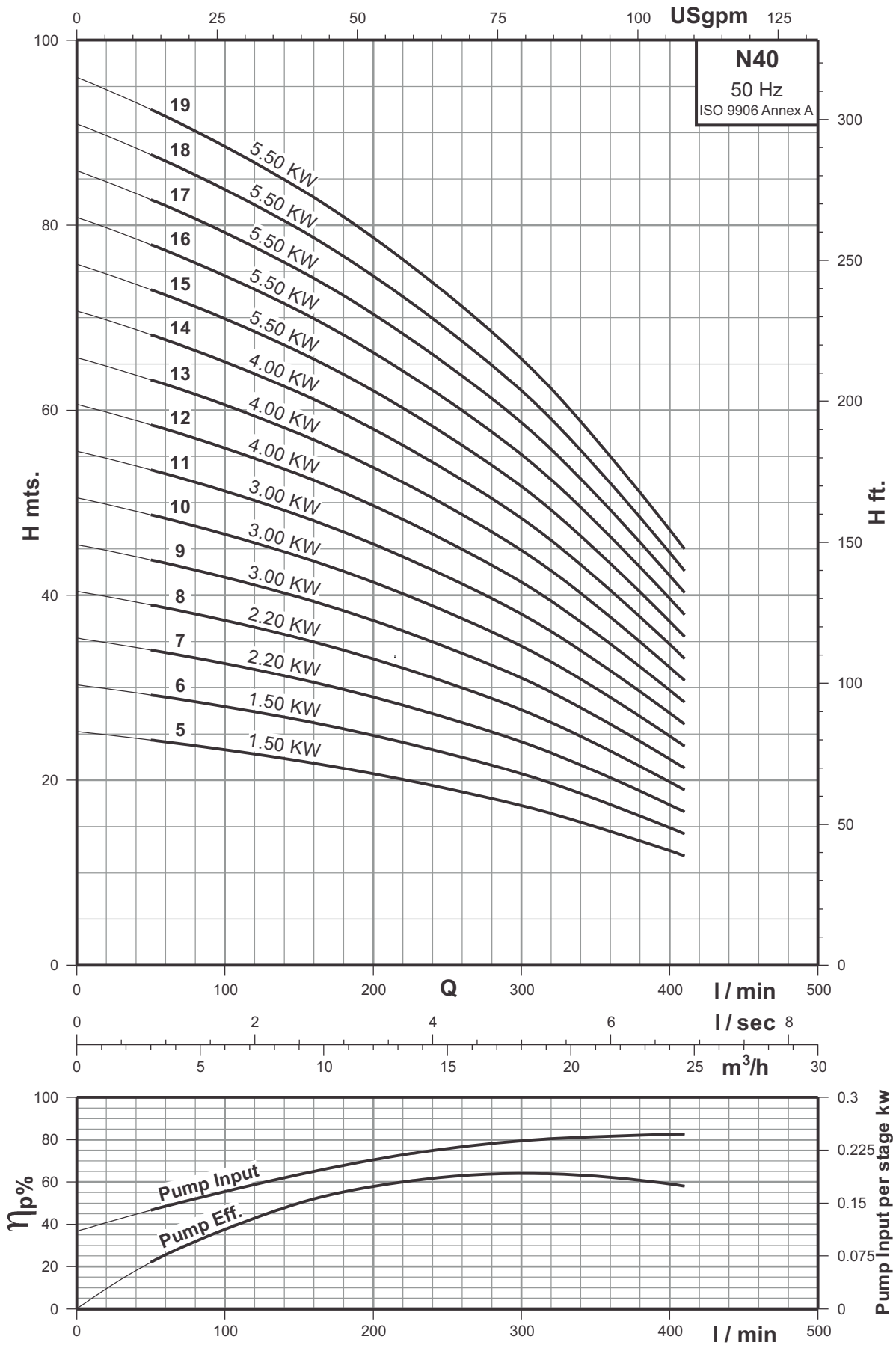
Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1~	3~		1~	3~		1~	3~
N40/5 + L4520	95	101	557	1168	1128	7.6	30.2	30.1	0.0086	0.0203	0.0203
N40/6 + L4520	95	101	632	1243	1203	8.3	30.9	30.8	0.0111	0.0228	0.0228
N40/7 + L4530	95	101	707	1418	1378	8.9	35.3	34.4	0.0111	0.0258	0.0258
N40/8 + L4530	95	101	782	1493	1453	9.5	35.9	35.0	0.0111	0.0258	0.0258
N40/9 + L4540	95	101	857	-	1608	10.1	-	39.6	0.0128	-	0.0275
N40/10 + L4540	95	101	932	-	1683	10.7	-	40.2	0.0128	-	0.0275
N40/11 + L4540	95	101	1007	-	1758	11.4	-	40.9	0.0136	-	0.0283
N40/12 + L4555	95	101	1082	1923	1903	12.0	42.3	45.4	0.0160	0.0307	0.0307
N40/13 + L4555	95	101	1157	1998	1978	12.5	42.8	45.9	0.0160	0.0307	0.0307
N40/14 + L4555	95	101	1232	2073	2053	13.2	43.5	46.6	0.0185	0.0332	0.0332
N40/15 + L4575	95	101	1307	-	2198	13.7	-	48.0	0.0185	-	0.0332
N40/16 + L4575	95	101	1382	-	2273	14.2	-	48.5	0.0185	-	0.0332
N40/17 + L4575	95	101	1457	-	2348	14.7	-	49.0	0.0196	-	0.0343
N40/18 + L4575	95	101	1532	-	2423	15.2	-	49.5	0.0209	-	0.0356
N40/19 + L4575	95	101	1607	-	2498	16.3	-	50.6	0.0209	-	0.0356

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

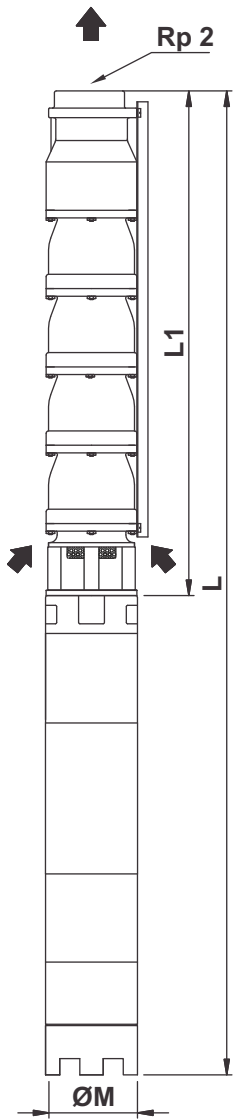
N40



# Technical data

## Mixed flow 4" submersible bore well pumps

# G30



### Performance chart

Pump type	Motor type		kW	HP	Q m <sup>3</sup> /h l/min	n = 2900 rpm						
	Oil filled	Water filled				0	10.5	12	13.5	15	16.5	18
						0	175	200	225	250	275	300
G30/5	H4515	L4515	1.10	1.50	H mts.	28	19	17	15	13	10	8
G30/7	H4520	L4520	1.50	2.00		39	26	24	21	18	14	11
G30/9	H4530	L4530	2.20	3.00		50	34	30	27	23	18	14
G30/11	H4530	L4530	2.20	3.00		61	41	37	33	28	22	17
G30/13	H4540	L4540	3.00	4.00		72	49	44	38	33	26	20

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m <sup>3</sup> ]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
G30/5 + H4515	95	101	632	1013	983	13.8	26.4	25.8	0.0111	0.0205	0.0205
G30/7 + H4520	95	101	796	1217	1167	18.2	32.4	32.0	0.0111	0.0205	0.0205
G30/9 + H4530	95	101	960	1441	1391	22.6	42.2	39.8	0.0136	0.0230	0.0230
G30/11 + H4530	95	101	1124	1605	1555	27.7	47.3	44.9	0.0160	0.0254	0.0254
G30/13 + H4540	95	101	1288	-	1769	31.3	-	49.8	0.0185	-	0.0279

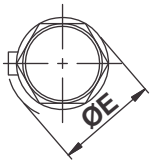
### Dimensions & weights of pump with Water filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m <sup>3</sup> ]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
G30/5 + L4515	95	101	632	1143	1153	13.8	32.9	34.1	0.0111	0.0205	0.0228
G30/7 + L4520	95	101	796	1407	1367	18.2	40.8	40.7	0.0111	0.0228	0.0228
G30/9 + L4530	95	101	960	1671	1631	22.6	49.0	48.1	0.0136	0.0283	0.0283
G30/11 + L4530	95	101	1124	1835	1795	27.7	54.1	53.2	0.0160	0.0307	0.0307
G30/13 + L4540	95	101	1288	-	2039	31.3	-	60.8	0.0185	-	0.0332

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.

Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.

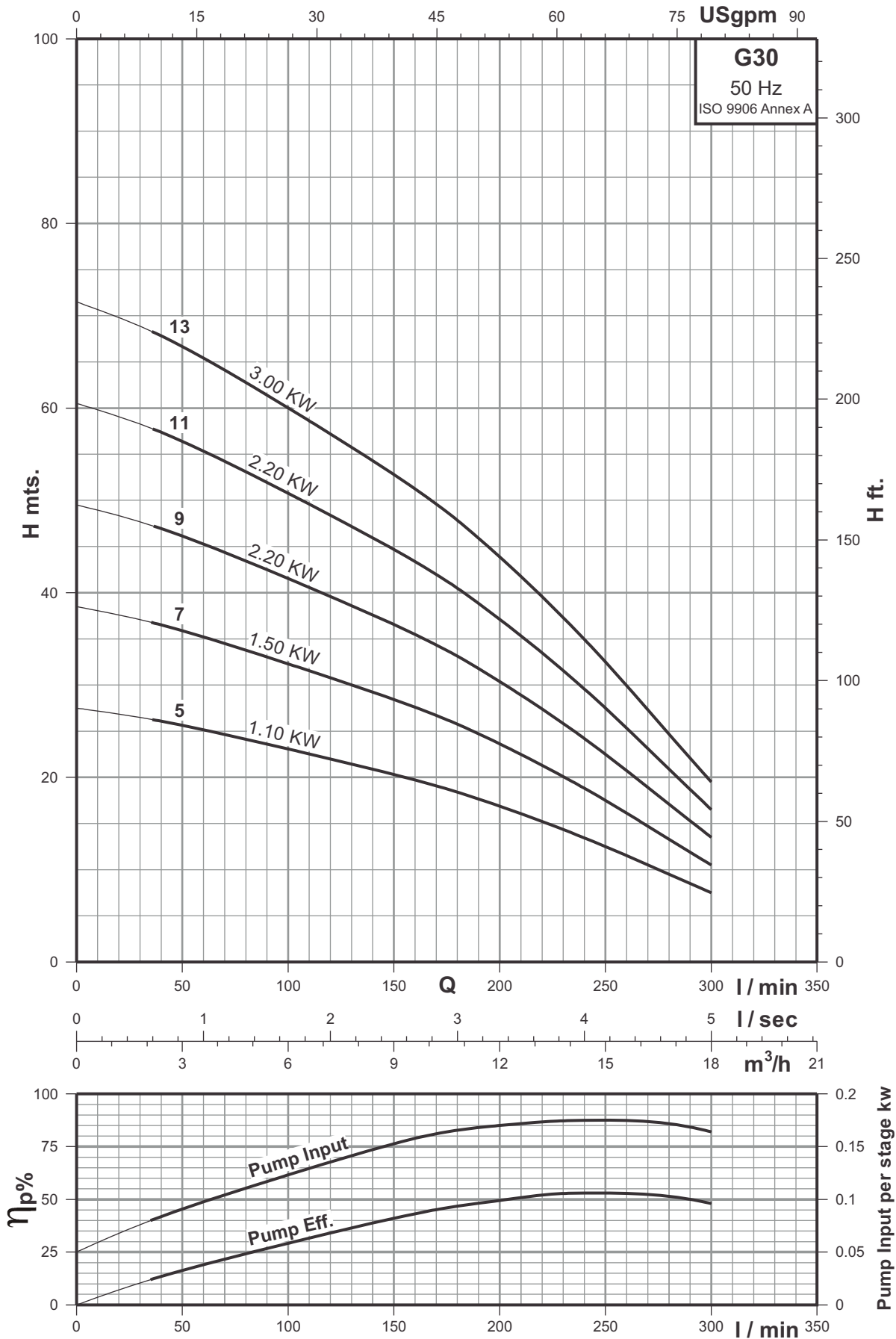
All dimensions in mm unless otherwise noted.



# Performance curves

Mixed flow 4" submersible bore well pumps

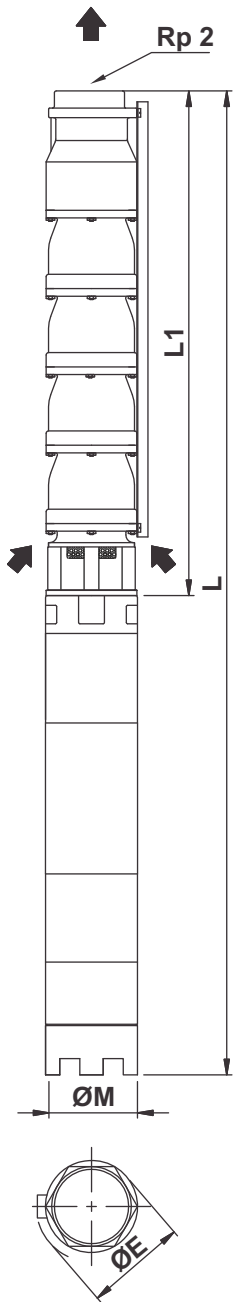
**G30**



# Technical data

## Mixed flow 4" submersible bore well pumps

# G50



### Performance chart

Pump type	Motor type		kW	HP	Q m³/h l/min	n = 2900 rpm						
	Oil filled	Water filled				0	15	20.7	23.3	25.6	27.9	31.8
						0	250	345	388	427	465	530
G50/3	H4515	L4515	1.10	1.50	H mts.	15	11	9	8	7	6	4
G50/4	H4520	L4520	1.50	2.00		20	15	12	11	9	8	5
G50/5	H4530	L4530	2.20	3.00		25	18	15	13	12	10	7
G50/6	H4530	L4530	2.20	3.00		30	22	18	16	14	12	8
G50/7	H4540	L4540	3.00	4.00		35	26	21	19	16	14	9
G50/8	H4540	L4540	3.00	4.00		40	29	24	21	19	16	11
G50/9	H4555	L4555	4.00	5.50		45	33	27	24	21	18	12
G50/10	H4555	L4555	4.00	5.50		50	37	30	27	23	20	13
G50/11	H4555	L4555	4.00	5.50		55	40	33	29	26	22	15
G50/12	H4575	L4575	5.50	7.50		60	44	36	32	28	24	16

### Dimensions & weights of pump with Oil filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
G50/3 + H4515	95	101	460	841	811	13.2	25.8	25.2	0.0086	0.0180	0.0180
G50/4 + H4520	95	101	540	961	911	16.5	30.7	30.3	0.0086	0.0180	0.0180
G50/5 + H4530	95	101	620	1101	1051	19.9	39.5	37.1	0.0111	0.0205	0.0205
G50/6 + H4530	95	101	700	1181	1131	23.2	42.8	40.4	0.0111	0.0205	0.0205
G50/7 + H4540	95	101	780	-	1261	26.7	-	45.2	0.0111	-	0.0205
G50/8 + H4540	95	101	860	-	1341	30.0	-	48.5	0.0128	-	0.0222
G50/9 + H4555	95	101	940	1605	1555	33.5	56.0	54.9	0.0128	0.0275	0.0245
G50/10 + H4555	95	101	1020	1685	1635	36.8	59.3	58.2	0.0136	0.0283	0.0253
G50/11 + H4555	95	101	1100	1765	1715	40.1	62.6	61.5	0.0160	0.0307	0.0277
G50/12 + H4575	95	101	1180	-	1885	43.4	-	69.9	0.0160	-	0.0307

### Dimensions & weights of pump with Water filled motor

Type Pump + Motor	ØM [mm]	ØE [mm]	Length [mm]			Gross weight [kg]			Gross volume [m³]		
			L1	L		Pump	Pump+Motor		Pump	Pump+Motor	
				1 ~	3 ~		1 ~	3 ~		1 ~	3 ~
G50/3 + L4515	95	101	460	971	981	13.2	32.3	33.5	0.0086	0.0180	0.0203
G50/4 + L4520	95	101	540	1151	1111	16.5	39.1	39.0	0.0086	0.0203	0.0203
G50/5 + L4530	95	101	620	1331	1291	19.9	46.3	45.4	0.0111	0.0258	0.0258
G50/6 + L4530	95	101	700	1411	1371	23.2	49.6	48.7	0.0111	0.0258	0.0258
G50/7 + L4540	95	101	780	-	1531	26.7	-	56.2	0.0111	-	0.0258
G50/8 + L4540	95	101	860	-	1611	30.0	-	59.5	0.0128	-	0.0275
G50/9 + L4555	95	101	940	1781	1761	33.5	63.8	66.9	0.0128	0.0275	0.0275
G50/10 + L4555	95	101	1020	1861	1841	36.8	67.1	70.2	0.0136	0.0283	0.0283
G50/11 + L4555	95	101	1100	1941	1921	40.1	70.4	73.5	0.0160	0.0307	0.0307
G50/12 + L4575	95	101	1180	-	2071	43.4	-	77.7	0.0160	-	0.0307

**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
 Add -T subscript to motor type for 4" Oil filled and Water filled 3 ~ motor.  
 All dimensions in mm unless otherwise noted.

# Performance curves

Mixed flow 4" submersible bore well pumps

**G50**

