



Submersible multistage centrifugal pumps for 4" wells, featuring independent floating impellers that reduce axial load on the motor and prevent wear in case of dry running. The motor bracket and coupling are made according to NEMA standards.

Common applications include civil and agricultural use. The pump materials are certified for drinking water, and due to their high efficiency and reliability, these pumps are highly recommended for residential applications and irrigation. The pumps are ideal for automatic water distribution in combination with pressure tanks, irrigation systems, and other uses.

Construction features	
Suction and delivery outlet	stainless steel AISI 304
External jacket	stainless steel AISI 304
Impellers	polyoxymethylene
Diffusers	polyoxymethylene and AISI 304
Support bush with sleeve	polyoxymethylene and ceramic
Shaft	stainless steel AISI 431B
Coupling	stainless steel AISI 316L
Quantity of sand in the water	250 g/m³
Max liquid temperature	45 °C



4E 20

50 Hz - 2900 rpm							Q						
TYPE	P2		SUITABLE MOTOR			l/min	0	15	20	25	30	35	40
			1~ 230V	3~ 400V	l/sec	0	0,25	0,33	0,42	0,50	0,58	0,67	
	HP	Kw	A	μF	A	m³/h	0	0,9	1,2	1,5	1,8	2,1	2,4
4E 20/09-05	0,5	0,37	3,6	20	1,6	H (m)	60	56	50	43	35	26	15
4E 20/14-07	0,75	0,55	4,5	25	2		92	85	76	66	54	40	23
4E 20/19-10	1	0,75	6	35	2,6		122	112	101	86	71	53	30
4E 20/28-15	1,5	1,1	8,2	40	3,4		176	161	145	125	103	77	44
4E 20/38-20	2	1,5	11	50	4,6		231	212	191	164	135	101	58
Max Eff. %	52,5		MEI ≥ 0,7 (regulation EU N. 547/2012)										
Max kW / St.	0,039												

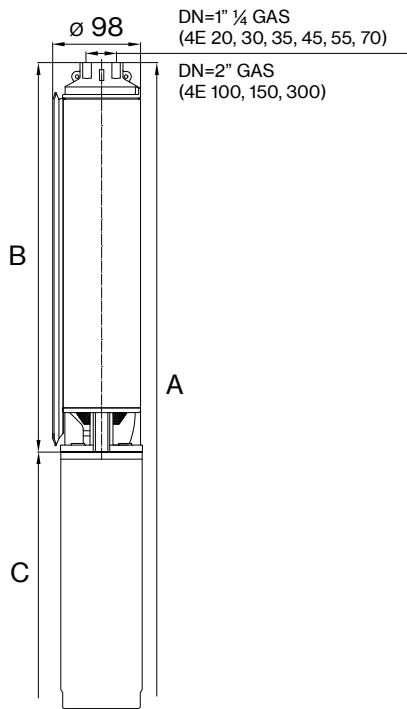
4E 30

50 Hz - 2900 rpm							Q								
TYPE	P2		SUITABLE MOTOR			l/min	0	15	20	25	30	35	40	45	50
			1~ 230V	3~ 400V	l/sec	0	0,25	0,33	0,42	0,50	0,58	0,67	0,75	0,83	
	HP	Kw	A	µF	A	m³/h	0	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3,0
4E 30/08-05	0,5	0,37	3,6	20	1,6	H (m)	55	51	48	44	39	33	26	18	8
4E 30/12-07	0,75	0,55	4,5	25	2		83	76	72	66	58	49	39	27	12
4E 30/16-10	1	0,75	6	35	2,6		110	101	96	88	78	66	52	36	16
4E 30/23-15	1,5	1,1	8,2	40	3,4		154	141	133	123	109	92	72	51	23
4E 30/32-20	2	1,5	11	50	4,6		214	197	186	171	151	128	101	70	32
4E 30/45-30	3	2,2	14,8	70	6,2		302	277	261	241	213	180	142	99	45
4E 30/60-40	4	3	-	-	7,8		402	369	348	321	284	240	189	132	60
Max Eff. %		MEI ≥ 0,7 (regulation EU N. 547/2012)													
Max kW / St.		0,047													

4E 35

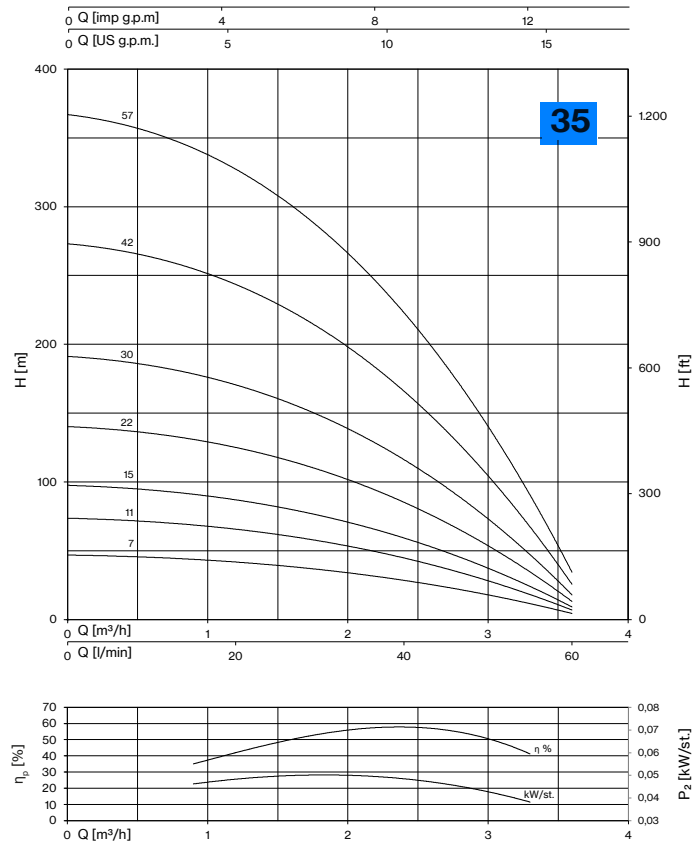
50 Hz - 2900 rpm							Q								
TYPE	P2		SUITABLE MOTOR			l/min	0	20	25	30	35	40	45	50	55
			1~ 230V	3~ 400V	l/sec	0	0,33	0,42	0,50	0,58	0,67	0,75	0,83	0,92	
	HP	Kw	A	µF	A	m³/h	0	1,2	1,5	1,8	2,1	2,4	2,7	3,0	3,3
4E 35/07-05	0,5	0,37	3,6	20	1,6	H (m)	47	42	39	36	33	28	23	18	12
4E 35/11-07	0,75	0,55	4,5	25	2		74	66	62	57	52	45	37	28	18
4E 35/15-10	1	0,75	6	35	2,6		98	87	82	76	68	59	49	37	24
4E 35/22-15	1,5	1,1	8,2	40	3,4		140	125	118	109	98	85	70	54	35
4E 35/30-20	2	1,5	11	50	4,6		191	171	161	148	134	116	96	73	47
4E 35/42-30	3	2,2	14,8	70	6,2		273	244	229	212	191	166	137	104	67
4E 35/57-40	4	3	-	-	7,8		367	327	308	285	257	223	184	140	91
							MEI ≥ 0,7 (regulation EU N. 547/2012)								
Max Eff. %		57,8													
Max kW / St.		0,05													

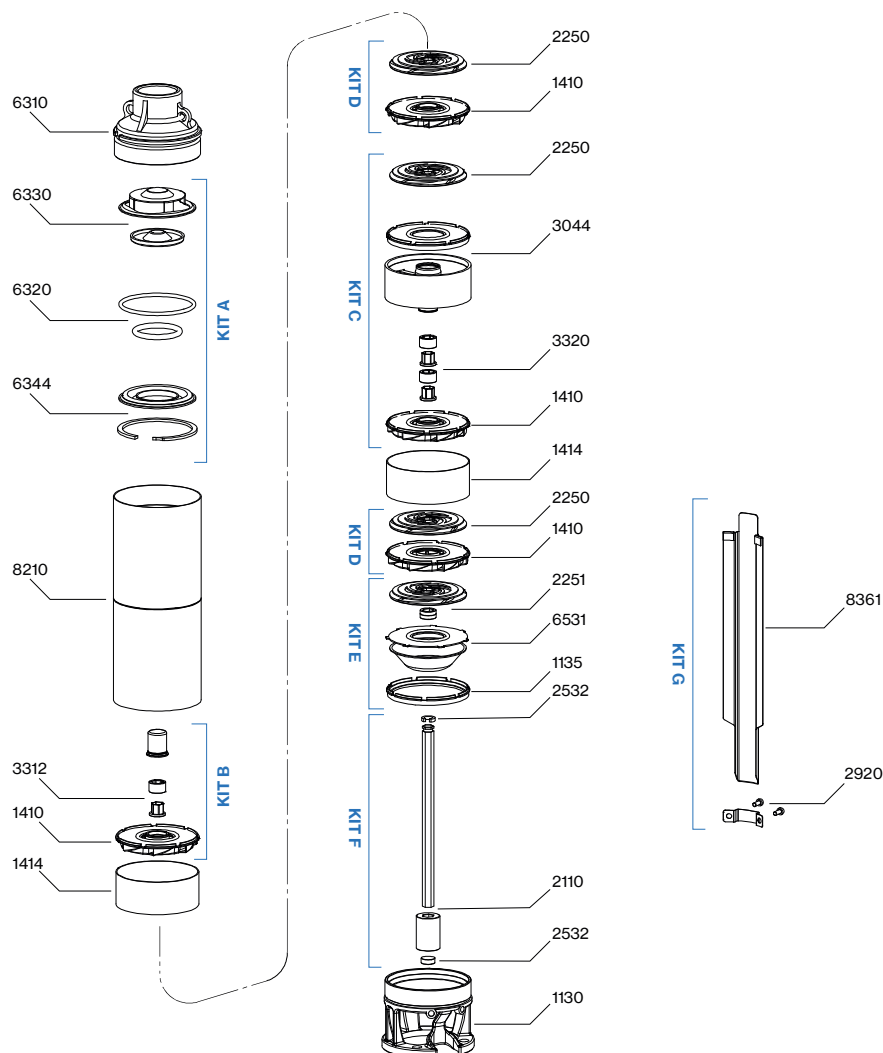




4E 35

TYPE	DIMENSIONS (mm)					WEIGHT (kg)				
	A (1-)	A (3-)	B	C (1-)	C (3-)	A (1-)	A (3-)	B	C (1-)	C (3-)
4E 35/07-05	602	602	277	325	325	9,9	9,4	2,9	7	6,5
4E 35/11-07	681	681	356	325	325	11,3	10,7	3,7	7,6	7
4E 35/15-10	786	761	436	350	325	13,2	12,1	4,5	8,7	7,6
4E 35/22-15	960	925	575	385	350	16,2	14,6	5,9	10,3	8,7
4E 35/30-20	1190	1155	770	420	385	20	18,4	8	12	10,4
4E 35/42-30	1478	1428	1008	470	420	24,6	22,4	10,4	14,2	12
4E 35/57-40	-	1762	1344	-	418	-	28,1	13,9	-	14,2



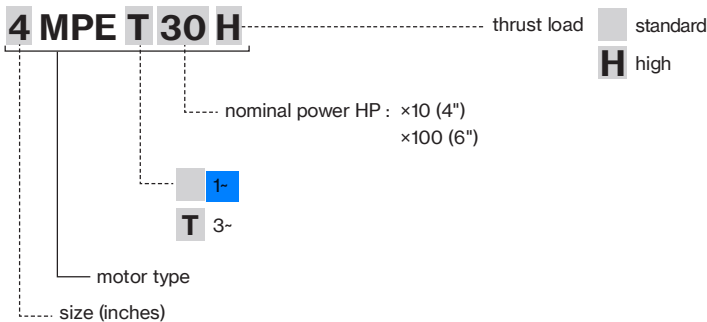


N. CODE	KIT	DESCRIPTION	MATERIAL
6320	KIT A <i>check valve</i>	O-RINGS	NBR
6330		WING VALVE WITH COVER	AISI 304
6340		WING VALVE ALIGNER	POM-C
6344		SUPPORT WING VALVE AND SEEGER	AISI 304
1410	KIT B <i>upper support</i>	COMPLETE DIFFUSER WITH DISC	POM-C + CERAMIC AI203 + AISI 304
3312		SUPPORT BUSH WITH SLEEVE	POM-C + CERAMIC AI203
2531		SEEGER	POM-C
1410	KIT C <i>intermediate support</i>	COMPLETE DIFFUSER WITH DISC	POM-C + CERAMIC AI203 + AISI 304
2250		IMPELLER	POM-C
3320		SUPPORT BUSH WITH 2X SLEEVE	POM-C + CERAMIC AI203
3044		INTERMEDIATE SUPPORT	AISI 304
1410	KIT D <i>stage</i>	COMPLETE DIFFUSER WITH DISC	POM-C + CERAMIC AI203 + AISI 304
2250		IMPELLER	POM-C
1135	KIT E <i>first stage</i>	CENTERING RING	POM-C
6531		DISC AND GRID	AISI 304
2251		FIRST IMPELLER WITH SPACERS	POM-C
2110	KIT F <i>shaft with coupling</i>	SHAFT WITH COUPLING	AISI 431B
2532		SEEGER WITH SHOCK SUPPORT	POM-C
2920	KIT G <i>cable cover</i>	SCREWS	AISI 304
8361		CABLE COVER	AISI 304
1130	-	BOTTOM CASING	AISI 304
1414		SPACER PIPE	AISI 304
6310		TOP CASING	AISI 304
8210		EXTERNAL PIPE	AISI 304

4" and 6" rewindable oil filled submersible motors characterized by high torque, strong mechanical structure, high reliability. Suitable for vertical and horizontal operations.

Construction features

Upper support	nickel plated cast iron
External jacket, shaft and cup	stainless steel AISI 304
Mechanical seal	ceramic-graphite
Ball bearings	axial and radial oil lubricated
Number of startups/hr	max 30
Coolant	non-toxic dielectric lubricant
Cable	1,75 to 4 m according to motor size (3 wires + ground)
Shaft extension and coupling	NEMA standard
Voltage	1~ 220/230V - 50Hz 3~ 380/415V - 50Hz
Insulation class	F
Protection degree	IPX8
Max liquid temperature	35° C
Max depth immersion	150 m



4MPE



6MPE

