

4 SD BOREHOLE RANGE (4")



Applications

For water supply from boreholes, wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature: up to 35 °C
Maximum sand content: 0.25%
Minimum well diameter: 4"

Motor and Pump

Single-phase: 220 ~240V/50Hz
Three-phase: 380 ~415V/50Hz
Solar: 220v-3phase
Equipped with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 9906

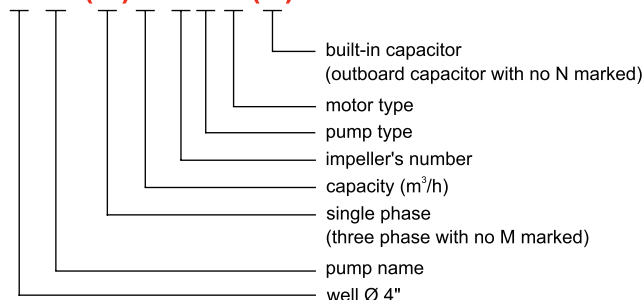
Warranty: 1year

(according to our general sales conditions).

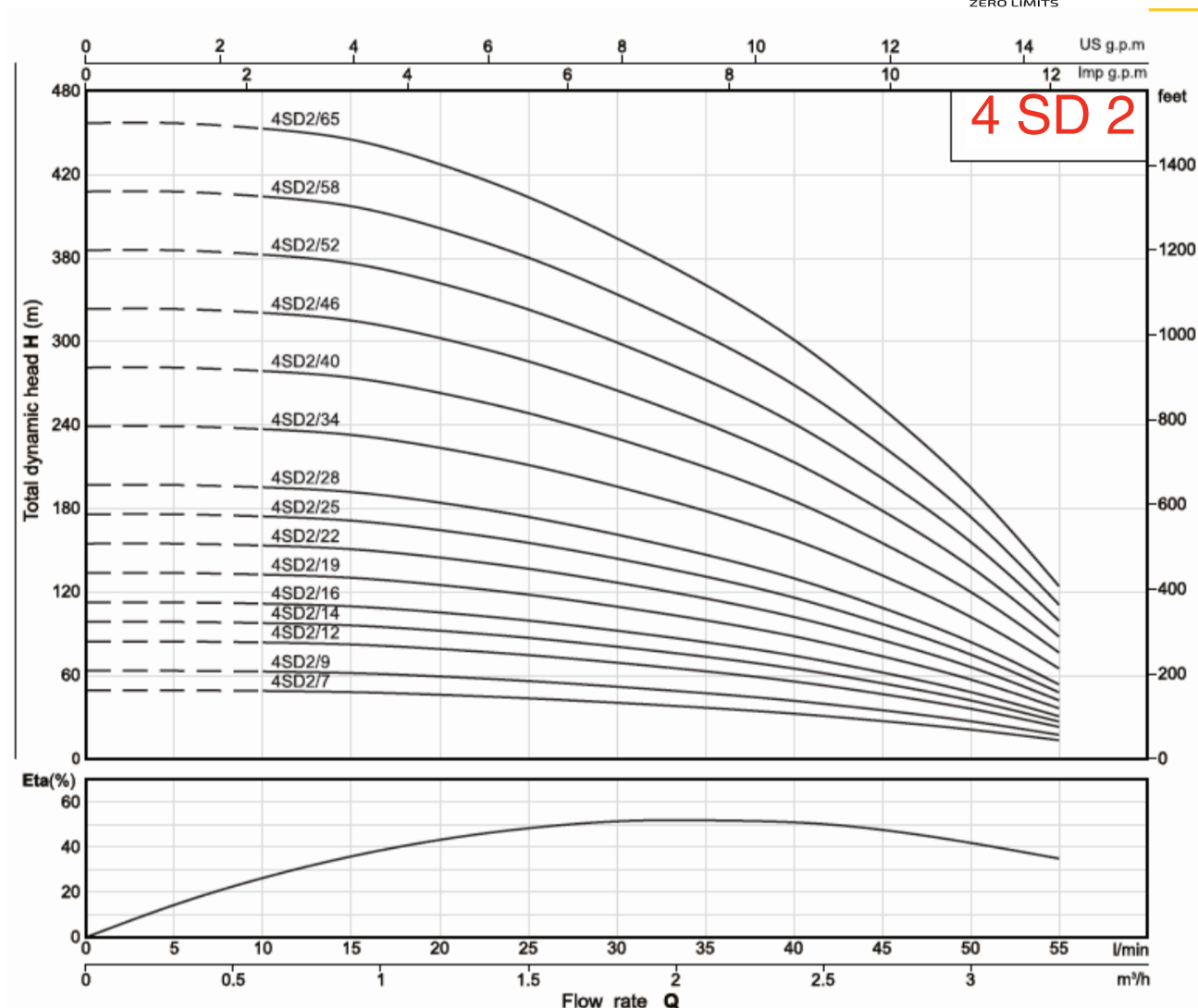


Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS ③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4 SD (M) 3 / 5 A C (N)



4 SD 2



Performance Data 50Hz

MODEL (50Hz)		P2		Delivery n≈2850 1/min												
1 - 220-240V	3 - 380 - 415V	kW	HP	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
				l/min	0	5	10	15	20	25	30	35	40	45	50	55
4SDM2/9	4SD2/9	0.37	0.5	HEAD (m)	63	63	63	62	59	56	52	47	42	35	27	17
4SDM2/12	4SD2/12	0.55	0.75		84	84	84	82	79	75	69	63	56	47	36	23
4SDM2/14	4SD2/14	0.75	1		98	98	98	96	92	87	81	73	65	54	42	27
4SDM2/16	4SD2/16	0.75	1		112	112	112	110	105	99	92	84	74	62	48	31
4SDM2/19	4SD2/19	1.1	1.5		134	134	132	130	125	118	109	100	88	74	57	36
4SDM2/22	4SD2/22	1.1	1.5		155	155	153	151	145	137	127	115	102	85	66	42
4SDM2/25	4SD2/25	1.5	2		176	176	174	171	164	155	144	131	116	97	75	48
4SDM2/28	4SD2/28	1.5	2		197	197	195	192	184	174	161	147	130	109	84	53
4SDM2/34	4SD2/34	2.2	3		239	239	237	233	223	211	196	178	157	132	102	65
4SDM2/40	4SD2/40	2.2	3		281	281	279	274	263	249	230	210	185	155	120	76
-	4SD2/46	3	4		323	323	321	315	302	286	265	241	213	178	138	88
-	4SD2/52	3	4		366	366	362	356	342	323	299	273	241	202	156	99
-	4SD2/58	4	5.5		408	408	404	397	381	360	334	304	269	225	174	111
-	4SD2/65	4	5.5		457	457	453	445	427	404	374	341	301	252	195	124