

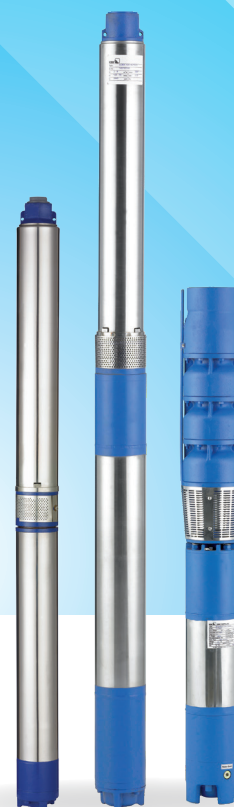
► Our technology. Your success.

Pumps ■ Valves ■ Service



CORA-100 mm (4")

Borewell Submersible Pumpset



Pumps **Made in India**
with trusted German Technology

CORA- 100mm (4”) Borewell Submersible Pumpset

KSB is one of the most trusted brand of Submersible pumpsets in India. With the deep rooted experience of over 150 years, the German company offers round the clock Sales & Service support with its wide spread dealer network in India.

The 100 mm submersible pumpsets have unique features like long lasting Stainless Steel jacket and special thrust bearing arrangement impart amazing power with surprisingly low maintenance cost and low noise. The world renowned German technology promises more force for high-rise buildings, towers etc. A safe, and superior solution to water lifting requirements.

Get a KSB Submersible Pumpsets and let your high rise drench in happiness today !

Special Features : • High efficiency • Lower power consumption • Corrosion and abrasion free internals • Special thrust bearing design • Stainless Steel jacket • Noiseless	Operating range : • Well Diameter : 100 mm • Capacity : up to 140 LPM • Head : up to 400 meter • Power : 1Ø up to 2.2 kW (5HP) 3Ø up to 5.5 kW (7.5HP)
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Applications :

- Domestic water supply
- Drip / Sprinkler irrigation
- Farm house
- High rise buildings
- In-well bore
- Fire fighting
- Industries



CORA 1C + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	0.5	0.9	1.3	1.5	1.8
UMT-O (S) 100	kW	HP	CORA 1C /	mm²	Amp	lpm	0	8	15	22	25	30
0.37 / 2	0.37	0.50	7	1.50	3.7	Head (m)	39	38	33	27	23	16
0.37 / 2	0.37	0.50	10	1.50	3.7		56	55	48	38	33	23
0.37 / 2	0.37	0.50	13	1.50	3.7		73	71	62	50	43	30
0.55 / 2	0.55	0.75	15	1.50	4.7		84	82	71	57	49	35
0.55 / 2	0.55	0.75	18	1.50	4.7		101	99	86	69	59	41
0.75 / 2	0.75	1.00	21	1.50	5.7		117	115	100	80	69	48
0.75 / 2	0.75	1.00	25	1.50	5.7		140	137	119	96	82	58
1.1 / 2	1.10	1.50	30	1.50	8.5		168	165	143	115	98	69
1.1 / 2	1.10	1.50	35	1.50	8.5		196	192	166	134	115	81
1.5 / 2	1.50	2.00	40	1.50	11.5		224	220	190	153	131	92
1.5 / 2	1.50	2.00	45	1.50	11.5		252	247	214	172	148	104
1.5 / 2	1.50	2.00	50	1.50	11.5		280	275	238	192	164	115

CORA 1C + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current		Discharge (m³/hr.)					
							0.0	0.5	0.9	1.3	1.5	1.8
LX PLUS (S) 100	kW	HP	CORA 1C /	mm²	Amp	lpm	0	8	15	22	25	30
1 / 22	0.37	0.50	7	1.50	4.6	Head (m)	39	38	33	27	23	16
1 / 22	0.37	0.50	10	1.50	4.6		56	55	48	38	33	23
1 / 22	0.37	0.50	13	1.50	4.6		73	71	62	50	43	30
3 / 22	0.55	0.75	15	1.50	5.6		84	82	71	57	49	35
3 / 22	0.55	0.75	18	1.50	5.6		101	99	86	69	59	41
5 / 22	0.75	1.00	21	1.50	7.3		117	115	100	80	69	48
5 / 22	0.75	1.00	25	1.50	7.3		140	137	119	96	82	58
13 / 22	1.10	1.50	30	1.50	10.0		168	165	143	115	98	69
13 / 22	1.10	1.50	35	1.50	10.0		196	192	166	134	115	81
14 / 22	1.50	2.00	40	2.50	12.5		224	220	190	153	131	92
14 / 22	1.50	2.00	45	2.50	12.5		252	247	214	172	148	104
14 / 22	1.50	2.00	50	2.50	12.5		280	275	238	192	164	115

CORA 1C + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current		Discharge m³/hr.					
							0.0	0.5	0.9	1.3	1.5	1.8
XUMA DX (S) 100	kW	HP	CORA 1C /	mm²	Amp	lpm	0	8	15	22	25	30
1 / 22	0.37	0.50	7	1.50	4.8	Head (m)	39	38	33	27	23	16
1 / 22	0.37	0.50	10	1.50	4.8		56	55	48	38	33	23
1 / 22	0.37	0.50	13	1.50	4.8		73	71	62	50	43	30
2 / 22	0.55	0.75	15	1.50	5.8		84	82	71	57	49	35
2 / 22	0.55	0.75	18	1.50	5.8		101	99	86	69	59	41
4 / 22	0.75	1.00	21	1.50	7.3		117	115	100	80	69	48
4 / 22	0.75	1.00	25	1.50	7.3		140	137	119	96	82	58
6 / 22	1.10	1.50	30	1.50	10.0		168	165	143	115	98	69
6 / 22	1.10	1.50	35	1.50	10.0		196	192	166	134	115	81
7 / 22	1.50	2.00	40	2.50	13.0		224	220	190	153	131	92
7 / 22	1.50	2.00	45	2.50	13.0		252	247	214	172	148	104
7 / 22	1.50	2.00	50	2.50	13.0		280	275	238	192	164	115

CORA 2C + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.1	1.6	2.0	2.5	2.8
UMT-O (S) 100	kW	HP	CORA 2C /	mm²	A	lpm	0	18	27	33	42	47
0.37 / 2	0.37	0.50	7	1.5	3.7	Head (m)	42	38	33	28	21	15
0.55 / 2	0.55	0.75	11	1.5	4.7		66	60	52	45	33	24
0.75 / 2	0.75	1.00	13	1.5	5.7		78	71	62	53	39	28
0.75 / 2	0.75	1.00	15	1.5	5.7		90	82	71	61	45	33
1.1 / 2	1.10	1.50	18	1.5	8.5		108	98	86	73	54	39
1.1 / 2	1.10	1.50	21	1.5	8.5		126	114	100	85	63	46
1.1 / 2	1.10	1.50	23	1.5	8.5		138	125	109	93	69	50
1.1 / 2	1.10	1.50	25	1.5	8.5		150	136	119	101	75	55
1.5 / 2	1.50	2.00	27	1.5	11.5		162	147	128	109	81	59
1.5 / 2	1.50	2.00	30	1.5	11.5		180	164	143	122	90	65

CORA 2C + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.1	1.6	2.0	2.5	2.8
LX Plus (S) 100	kW	HP	CORA 2C /	mm²	Amp	lpm	0	18	27	33	42	47
1 / 22	0.37	0.50	7	1.5	4.6	Head (m)	42	38	33	28	21	15
3 / 22	0.55	0.75	11	1.5	5.6		66	60	52	45	33	24
5 / 22	0.75	1.00	13	1.5	7.3		78	71	62	53	39	28
5 / 22	0.75	1.00	15	1.5	7.3		90	82	71	61	45	33
13 / 22	1.10	1.50	18	1.5	10		108	98	86	73	54	39
13 / 22	1.10	1.50	21	1.5	10		126	114	100	85	63	46
13 / 22	1.10	1.50	23	1.5	10		138	125	109	93	69	50
13 / 22	1.10	1.50	25	1.5	10		150	136	119	101	75	55
14 / 22	1.50	2.00	27	2.5	12.5		162	147	128	109	81	59
14 / 22	1.50	2.00	30	2.5	12.5		180	164	143	122	90	65

CORA 2C + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.1	1.6	2.0	2.5	2.8
XUMA DX (S) 100	kW	HP	CORA 2C /	mm²	Amp	lpm	0	18	27	33	42	47
1 / 22	0.37	0.50	7	1.5	4.8	Head (m)	42	38	33	28	21	15
2 / 22	0.55	0.75	11	1.5	5.8		66	60	52	45	33	24
4 / 22	0.75	1.00	13	1.5	7.3		78	71	62	53	39	28
4 / 22	0.75	1.00	15	1.5	7.3		90	82	71	61	45	33
6 / 22	1.10	1.50	18	1.5	10		108	98	86	73	54	39
6 / 22	1.10	1.50	21	1.5	10		126	114	100	85	63	46
6 / 22	1.10	1.50	23	1.5	10		138	125	109	93	69	50
6 / 22	1.10	1.50	25	1.5	10		150	136	119	101	75	55
7 / 22	1.50	2.00	27	2.5	13		162	147	128	109	81	59
7 / 22	1.50	2.00	30	2.5	13		180	164	143	122	90	65

CORA 2AH + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	1.5	2.0	2.5	3.0
UMT-O (S) 100	kW	HP	CORA 2AH	mm²	Amp	lpm	0	17	25	33	42	50
0.37 / 2	0.37	0.50	5	1.5	3.7	Head (m)	38	34	30	26	21	16
0.55 / 2	0.55	0.75	8	1.5	4.7		61	54	49	42	34	26
0.75 / 2	0.75	1.00	9	1.5	5.7		68	61	55	47	39	29
0.75 / 2	0.75	1.00	10	1.5	5.7		76	68	61	52	43	32
0.75 / 2	0.75	1.00	11	1.5	5.7		83	74	67	58	47	35
1.1 / 2	1.1	1.50	12	1.5	8.5		91	81	73	63	52	38
1.1 / 2	1.1	1.50	15	1.5	8.5		113	101	91	79	64	48
1.1 / 2	1.1	1.50	18	1.5	8.5		137	122	108	94	76	58
1.5 / 2	1.5	2.00	21	1.5	11.5		160	143	126	109	88	67
1.5 / 2	1.5	2.00	24	1.5	11.5		182	163	144	125	101	77

CORA 2AH + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	1.5	2.0	2.5	3.0
LX PLUS (S) 100	kW	HP	CORA 2AH	mm²	Amp	lpm	0	17	25	33	42	50
1 / 22	0.37	0.50	5	1.5	4.6	Head (m)	38	34	30	26	21	16
3 / 22	0.55	0.75	8	1.5	5.6		61	54	49	42	34	26
5 / 22	0.75	1.00	9	1.5	7.3		68	61	55	47	39	29
5 / 22	0.75	1.00	10	1.5	7.3		76	68	61	52	43	32
5 / 22	0.75	1.00	11	1.5	7.3		83	74	67	58	47	35
13 / 22	1.1	1.50	12	1.5	10.0		91	81	73	63	52	38
13 / 22	1.1	1.50	15	1.5	10.0		113	101	91	79	64	48
13 / 22	1.1	1.50	18	1.5	10.0		137	122	108	94	76	58
14 / 22	1.5	2.00	21	2.5	12.5		160	143	126	109	88	67
14 / 22	1.5	2.00	24	2.5	12.5		182	163	144	125	101	77

CORA 2AH + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	1.5	2.0	2.5	3.0
XUMA DX (S) 100	kW	HP	CORA 2AH	mm²	Amp	lpm	0	17	25	33	42	50
1 / 22	0.37	0.50	5	1.5	4.8	Head (m)	38	34	30	26	21	16
2 / 22	0.55	0.75	8	1.5	5.8		61	54	49	42	34	26
4 / 22	0.75	1.00	9	1.5	7.3		68	61	55	47	39	29
4 / 22	0.75	1.00	10	1.5	7.3		76	68	61	52	43	32
4 / 22	0.75	1.00	11	1.5	7.3		83	74	67	58	47	35
6 / 22	1.10	1.50	12	1.5	10.0		91	81	73	63	52	38
6 / 22	1.10	1.50	15	1.5	10.0		113	101	91	79	64	48
6 / 22	1.10	1.50	18	1.5	10.0		137	122	108	94	76	58
7 / 22	1.50	2.00	21	2.5	13.0		160	143	126	109	88	67
7 / 22	1.50	2.00	24	2.5	13.0		182	163	144	125	101	77

CORA 2CH + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	1.5	2.0	2.5	3.0
UMT-O (S) 100	kW	HP	CORA 2CH	mm²	Amp	lpm	0	17	25	33	42	50
0.37 / 2	0.37	0.50	5	1.5	3.7	Head (m)	38	34	30	26	21	16
0.55 / 2	0.55	0.75	8	1.5	4.7		61	54	49	42	34	26
0.75 / 2	0.75	1.00	9	1.5	5.7		68	61	55	47	39	29
0.75 / 2	0.75	1.00	10	1.5	5.7		76	68	61	52	43	32
0.75 / 2	0.75	1.00	11	1.5	5.7		83	74	67	58	47	35
1.1 / 2	1.10	1.50	12	1.5	8.5		91	81	73	63	52	38
1.1 / 2	1.10	1.50	15	1.5	8.5		113	101	91	79	64	48
1.1 / 2	1.10	1.50	18	1.5	8.5		137	122	108	94	76	58
1.5 / 2	1.50	2.00	21	1.5	11.5		160	143	126	109	88	67
1.5 / 2	1.50	2.00	24	1.5	11.5		182	163	144	125	101	77

CORA 2CH + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	1.5	2.0	2.5	3.0
LX PLUS (S) 100	kW	HP	CORA 2CH	mm²	Amp	lpm	0	17	25	33	42	50
1 / 22	0.37	0.50	5	1.5	4.6	Head (m)	38	34	30	26	21	16
3 / 22	0.55	0.75	8	1.5	5.6		61	54	49	42	34	26
5 / 22	0.75	1.00	9	1.5	7.3		68	61	55	47	39	29
5 / 22	0.75	1.00	10	1.5	7.3		76	68	61	52	43	32
5 / 22	0.75	1.00	11	1.5	7.3		83	74	67	58	47	35
13 / 22	1.10	1.50	12	1.5	10.0		91	81	73	63	52	38
13 / 22	1.10	1.50	15	1.5	10.0		113	101	91	79	64	48
13 / 22	1.10	1.50	18	1.5	10.0		137	122	108	94	76	58
14 / 22	1.50	2.00	21	2.5	12.5		160	143	126	109	88	67
14 / 22	1.50	2.00	24	2.5	12.5		182	163	144	125	101	77

CORA 2CH + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	1.5	2.0	2.5	3.0
XUMA DX (S) 100	kW	HP	CORA 2CH	mm²	Amp	lpm	0	17	25	33	42	50
1 / 22	0.37	0.50	5	1.5	4.8	Head (m)	38	34	30	26	21	16
2 / 22	0.55	0.75	8	1.5	5.8		61	54	49	42	34	26
4 / 22	0.75	1.00	9	1.5	7.3		68	61	55	47	39	29
4 / 22	0.75	1.00	10	1.5	7.3		76	68	61	52	43	32
4 / 22	0.75	1.00	11	1.5	7.3		83	74	67	58	47	35
6 / 22	1.10	1.50	12	1.5	10.0		91	81	73	63	52	38
6 / 22	1.10	1.50	15	1.5	10.0		113	101	91	79	64	48
6 / 22	1.10	1.50	18	1.5	10.0		137	122	108	94	76	58
7 / 22	1.50	2.00	21	2.5	13.0		160	143	126	109	88	67
7 / 22	1.50	2.00	24	2.5	13.0		182	163	144	125	101	77

CORA 3C + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge						
							0.0	1.0	2.0	3.0	4.0	5.0	5.4
UMT-O (S) 100	kW	HP	CORA 3C	mm²	A	lpm	0	17	33	50	67	83	90
0.37 / 2	0.37	0.50	5	1.5	3.7	Head (m)	31	30	28	24	20	14	7
0.55 / 2	0.55	0.75	7	1.5	4.7		43	41	39	34	28	20	9
0.75 / 2	0.75	1.00	8	1.5	5.7		50	47	44	38	32	22	10
0.75 / 2	0.75	1.00	9	1.5	5.7		56	53	50	43	36	25	12
0.75 / 2	0.75	1.00	10	1.5	5.7		62	59	55	48	40	28	13
1.1 / 2	1.10	1.50	12	1.5	8.5		74	71	66	58	48	34	16
1.1 / 2	1.10	1.50	15	1.5	8.5		93	89	83	72	60	42	20
1.5 / 2	1.50	2.00	18	1.5	11.5		112	106	99	86	72	50	23
1.5 / 2	1.50	2.00	20	1.5	11.5		124	118	110	96	80	56	26

CORA 3C + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge						
							0.0	1.0	2.0	3.0	4.0	5.0	5.4
XUMA LX (S) 100	kW	HP	CORA 3C	mm²	A	lpm	0	17	33	50	67	83	90
1 / 22	0.37	0.50	5	1.5	4.6	Head (m)	31	30	28	24	20	14	7
3 / 22	0.55	0.75	7	1.5	5.6		43	41	39	34	28	20	9
5 / 22	0.75	1.00	8	1.5	7.3		50	47	44	38	32	22	10
5 / 22	0.75	1.00	9	1.5	7.3		56	53	50	43	36	25	12
5 / 22	0.75	1.00	10	1.5	7.3		62	59	55	48	40	28	13
13 / 22	1.10	1.50	12	1.5	10.0		74	71	66	58	48	34	16
13 / 22	1.10	1.50	15	1.5	10.0		93	89	83	72	60	42	20
14 / 22	1.50	2.00	18	2.5	12.5		112	106	99	86	72	50	23
14 / 22	1.50	2.00	20	2.5	12.5		124	118	110	96	80	56	26

CORA 3C + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge						
							0.0	1.0	2.0	3.0	4.0	5.0	5.4
XUMA DX (S) 100	kW	HP	CORA 3C	mm²	A	lpm	0	17	33	50	67	83	90
1 / 22	0.37	0.50	5	1.5	4.8	Head (m)	31	30	28	24	20	14	7
2 / 22	0.55	0.75	7	1.5	5.8		43	41	39	34	28	20	9
4 / 22	0.75	1.00	8	1.5	7.3		50	47	44	38	32	22	10
4 / 22	0.75	1.00	9	1.5	7.3		56	53	50	43	36	25	12
4 / 22	0.75	1.00	10	1.5	7.3		62	59	55	48	40	28	13
6 / 22	1.10	1.50	12	1.5	10.0		74	71	66	58	48	34	16
6 / 22	1.10	1.50	15	1.5	10.0		93	89	83	72	60	42	20
7 / 22	1.50	2.00	18	2.5	13.0		112	106	99	86	72	50	23
7 / 22	1.50	2.00	20	2.5	13.0		124	118	110	96	80	56	26

CORA 3AH + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	2.0	3.0	4.0	5.0
UMT-O (S) 100	kW	HP	CORA 3AH	mm²	Amp	lpm	0	17	33	50	67	83
0.55 / 2	0.55	0.75	6	1.5	4.7	Head (m)	47	44	42	36	28	18
0.75 / 2	0.75	1.00	7	1.5	5.7		55	52	49	42	33	21
0.75 / 2	0.75	1.00	8	1.5	5.7		63	59	55	48	37	24
0.75 / 2	0.75	1.00	9	1.5	5.7		71	66	62	54	42	27
1.1 / 2	1.10	1.50	10	1.5	8.5		79	74	69	60	46	30
1.1 / 2	1.10	1.50	11	1.5	8.5		86	81	76	66	51	33
1.1 / 2	1.10	1.50	12	1.5	8.5		94	88	83	72	56	36
1.5 / 2	1.50	2.00	14	1.5	11.5		111	104	97	84	66	42
1.5 / 2	1.50	2.00	16	1.5	11.5		126	118	110	96	75	48

CORA 3AH + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	2.0	3.0	4.0	5.0
LX PLUS (S) 100	kW	HP	CORA 3AH	mm²	Amp	lpm	0	17	33	50	67	83
3 / 22	0.55	0.75	6	1.5	5.6	Head (m)	47	44	42	36	28	18
5 / 22	0.75	1.00	7	1.5	7.3		55	52	49	42	33	21
5 / 22	0.75	1.00	8	1.5	7.3		63	59	55	48	37	24
5 / 22	0.75	1.00	9	1.5	7.3		71	66	62	54	42	27
13 / 22	1.10	1.50	10	1.5	10.0		79	74	69	60	46	30
13 / 22	1.10	1.50	11	1.5	10.0		86	81	76	66	51	33
13 / 22	1.10	1.50	12	1.5	10.0		94	88	83	72	56	36
14 / 22	1.50	2.00	14	2.5	12.5		111	104	97	84	66	42
14 / 22	1.50	2.00	16	2.5	12.5		126	118	110	96	75	48

CORA 3AH + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	1.0	2.0	3.0	4.0	5.0
XUMA DX (S) 100	kW	HP	CORA 3AH	mm²	Amp	lpm	0	17	33	50	67	83
2 / 22	0.55	0.75	6	1.5	5.8	Head (m)	47	44	42	36	28	18
4 / 22	0.75	1.00	7	1.5	7.3		55	52	49	42	33	21
4 / 22	0.75	1.00	8	1.5	7.3		63	59	55	48	37	24
4 / 22	0.75	1.00	9	1.5	7.3		71	66	62	54	42	27
6 / 22	1.10	1.50	10	1.5	10.0		79	74	69	60	46	30
6 / 22	1.10	1.50	11	1.5	10.0		86	81	76	66	51	33
6 / 22	1.10	1.50	12	1.5	10.0		94	88	83	72	56	36
7 / 22	1.50	2.00	14	2.5	13.0		111	104	97	84	66	42
7 / 22	1.50	2.00	16	2.5	13.0		126	118	110	96	75	48

CORA 3CH + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Rated Current	Cable size	m³/hr.	Discharge					
							0.0	1.0	2.0	3.0	4.0	5.0
UMT-O (S) 100	kW	HP	CORA 3CH	Amp	mm²	lpm	0	17	33	50	67	83
0.55 / 2	0.55	0.75	6	4.7	1.5	Head (m)	47	44	42	36	28	18
0.75 / 2	0.75	1.00	7	5.7	1.5		55	52	49	42	33	21
0.75 / 2	0.75	1.00	8	5.7	1.5		63	59	55	48	37	24
0.75 / 2	0.75	1.00	9	5.7	1.5		71	66	62	54	42	27
1.1 / 2	1.10	1.50	10	8.5	1.5		79	74	69	60	46	30
1.1 / 2	1.10	1.50	11	8.5	1.5		86	81	76	66	51	33
1.1 / 2	1.10	1.50	12	8.5	1.5		94	88	83	72	56	36
1.5 / 2	1.50	2.00	14	11.5	1.5		111	104	97	84	66	42
1.5 / 2	1.50	2.00	16	11.5	1.5		126	118	110	96	75	48

CORA 3CH + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Rated Current	Cable size	m³/hr.	Discharge					
							0.0	1.0	2.0	3.0	4.0	5.0
LX PLUS (S) 100	kW	HP	CORA 3CH	A	mm²	lpm	0	17	33	50	67	83
3 / 22	0.55	0.75	6	5.6	1.5	Head (m)	47	44	42	36	28	18
5 / 22	0.75	1.00	7	7.3	1.5		55	52	49	42	33	21
5 / 22	0.75	1.00	8	7.3	1.5		63	59	55	48	37	24
5 / 22	0.75	1.00	9	7.3	1.5		71	66	62	54	42	27
13 / 22	1.10	1.50	10	10.0	1.5		79	74	69	60	46	30
13 / 22	1.10	1.50	11	10.0	1.5		86	81	76	66	51	33
13 / 22	1.10	1.50	12	10.0	1.5		94	88	83	72	56	36
14 / 22	1.50	2.00	14	12.5	2.5		111	104	97	84	66	42
14 / 22	1.50	2.00	16	12.5	2.5		126	118	110	96	75	48

100 mm (4") Borewell Submersible Pumpsets : CORA 3CH + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Rated Current	Cable size	m³/hr.	Discharge					
							0.0	1.0	2.0	3.0	4.0	5.0
XUMA DX (S) 100	kW	HP	CORA 3CH	A	mm²	lpm	0	17	33	50	67	83
2 / 22	0.55	0.75	6	5.8	1.5	Head (m)	47	44	42	36	28	18
4 / 22	0.75	1.00	7	7.3	1.5		55	52	49	42	33	21
4 / 22	0.75	1.00	8	7.3	1.5		63	59	55	48	37	24
4 / 22	0.75	1.00	9	7.3	1.5		71	66	62	54	42	27
6 / 22	1.10	1.50	10	10.0	1.5		79	74	69	60	46	30
6 / 22	1.10	1.50	11	10.0	1.5		86	81	76	66	51	33
6 / 22	1.10	1.50	12	10.0	1.5		94	88	83	72	56	36
7 / 22	1.50	2.00	14	13.0	2.5		111	104	97	84	66	42
7 / 22	1.50	2.00	16	13.0	2.5		126	118	110	96	75	48

CORA 4C + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	2.0	3.0	4.0	5.0	6.0
UMT-O (S) 100	kW	HP	CORA 4C	mm²	Amp	lpm	0	33	50	67	83	100
0.55 / 2	0.55	0.75	5	1.5	4.7	Head (m)	30	29	28	25	21	16
0.55 / 2	0.55	0.75	6	1.5	4.7		36	35	33	30	25	19
0.75 / 2	0.75	1.00	8	1.5	5.7		49	47	44	40	33	25
0.75 / 2	0.75	1.00	9	1.5	5.7		54	53	50	45	36	27
1.1 / 2	1.10	1.50	10	1.5	8.5		61	59	56	50	41	31
1.1 / 2	1.10	1.50	12	1.5	8.5		73	71	67	60	50	37
1.5 / 2	1.50	2.00	15	1.5	11.5		91	89	83	74	62	47

CORA 4C + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	2.0	3.0	4.0	5.0	6.0
LX PLUS (S) 100	kW	HP	CORA 4C	mm²	Amp	lpm	0	33	50	67	83	100
3 / 22	0.55	0.75	5	1.5	5.6	Head (m)	30	29	28	25	21	16
3 / 22	0.55	0.75	6	1.5	5.6		36	35	33	30	25	19
5 / 22	0.75	1.00	8	1.5	7.3		49	47	44	40	33	25
5 / 22	0.75	1.00	9	1.5	7.3		54	53	50	45	36	27
13 / 22	1.10	1.50	10	1.5	10.0		61	59	56	50	41	31
13 / 22	1.10	1.50	12	1.5	10.0		73	71	67	60	50	37
14 / 22	1.50	2.00	15	2.5	12.5		91	89	83	74	62	47

CORA 4C + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	2.0	3.0	4.0	5.0	6.0
XUMA DX (S) 100	kW	HP	CORA 4C	mm²	Amp	lpm	0	33	50	67	83	100
4 / 22	0.75	1.00	6	1.5	7.3	Head (m)	36	35	33	30	25	19
4 / 22	0.75	1.00	8	1.5	7.3		49	47	44	40	33	25
4 / 22	0.75	1.00	9	1.5	7.3		54	53	50	45	36	27
6 / 22	1.10	1.50	10	1.5	10.0		61	59	56	50	41	31
6 / 22	1.10	1.50	12	1.5	10.0		73	71	67	60	50	37
7 / 22	1.50	2.00	15	2.5	13.0		91	89	83	74	62	47

CORA 7C & 7D + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	2.0	4.0	6.0	8.0	10.0
UMT-O (S) 100	kW	HP	CORA 7C & 7D	mm²	Amp	lpm	0	33	67	100	133	167
0.75 / 2	0.75	1.00	5	1.50	5.7	Head (m)	35	34	33	29	22	12
1.1 / 2	1.10	1.50	7	1.50	8.5		49	48	46	40	30	17
1.5 / 2	1.50	2.00	10	1.50	11.5		70	68	65	57	43	25

CORA 7C & 7D + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	2.0	4.0	6.0	8.0	10.0
LX PLUS (S) 100	kW	HP	CORA 7C & 7D	mm²	A	lpm	0	33	67	100	133	167
5 / 22	0.75	1.00	5	1.5	7.3	Head (m)	35	34	33	29	22	12
13 / 22	1.10	1.50	7	1.5	10.0		49	48	46	40	30	17
14 / 22	1.50	2.00	10	2.5	12.5		70	68	65	57	43	25

CORA 7C & 7D + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	2.0	4.0	6.0	8.0	10.0
XUMA DX (S) 100	kW	HP	CORA 7C & 7D	mm²	Amp	lpm	0	33	67	100	133	167
4 / 22	0.75	1.00	5	1.5	7.3	Head (m)	35	34	33	29	22	12
6 / 22	1.10	1.50	7	1.5	10.0		49	48	46	40	30	17
7 / 22	1.50	2.00	10	2.5	13.0		70	68	65	57	43	25

CORA 12C + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	6.0	8.0	10.0	12.0	14.0
UMT-O (S) 100	kW	HP	CORA 12C	mm²	Amp	lpm	0	100	133	167	200	233
1.5 / 2	1.5	2.00	7	1.5	11.5	Head (m)	47	41	37	32	25	18

CORA 12C + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	6.0	8.0	10.0	12.0	14.0
LX PLUS (S) 100	kW	HP	CORA 12C	mm²	A	lpm	0	100	133	167	200	233
14 / 22	1.5	2.00	7	2.5	12.5	Head (m)	47	41	37	32	25	18

CORA 12C + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	6.0	8.0	10.0	12.0	14.0
XUMA DX (S) 100	kW	HP	CORA 12C	mm²	Amp	lpm	0	100	133	167	200	233
7 / 22	1.5	2.00	7	2.5	13.0	Head (m)	47	41	37	32	25	18

CORA 18C + UMT-O (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	9.0	12.0	16.0	20.0	24.0
UMT-O (S) 100	kW	HP	CORA 18C	mm²	A	lpm	0	150	200	267	333	400
1.5 / 2	1.50	2.00	5	1.5	11.5	Head (m)	30	25	22	19	14	8

CORA 18C + LX PLUS (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	9.0	12.0	16.0	20.0	24.0
LX PLUS (S) 100	kW	HP	CORA 18C	mm²	A	lpm	0	150	200	267	333	400
14 / 22	1.50	2.00	5	2.5	12.5	Head (m)	30	25	22	19	14	8

CORA 18C + XUMA DX (S) 100

Motor type	Motor rating		Pump type & Stage	Cable size	Rated Current	m³/hr.	Discharge					
							0.0	9.0	12.0	16.0	20.0	24.0
XUMA DX (S) 100	kW	HP	CORA 18C	mm²	A	lpm	0	150	200	267	333	400
7 / 22	1.50	2.00	5	2.5	13.0	Head (m)	30	25	22	19	14	8

Subject to technical modification without prior notice.



KSB Limited
Standard Pumps Division
 Plot No. E-3 & E-4, MIDC Sinnar, Nashik - 422 113.
 Tel.: +91-2551-230252 / 253, 229700 www.ksbindia.co.in

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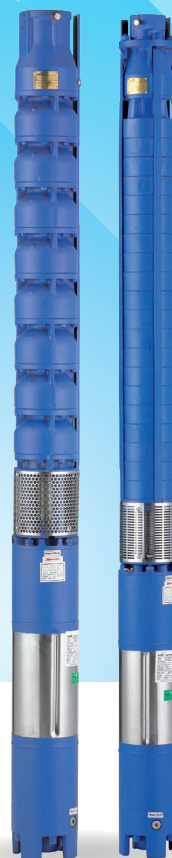
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150mm (6")

Borewell Submersible Pumpset



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Special Features :

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- Water filled
- Water lubricated
- Noiseless
- Easily rewindable

Operating range :

- Well Diameter : 150 mm
- Capacity : up to 1250 LPM
- Head : up to 350 meter
- Power : 22 kW (30HP)

Applications :

- Irrigation
- Drinking water supply
- Industrial water supply
- Farm House



150 mm (6") Borewell Submersible Pumpsets : **UQD 112 + UMA 150 (Radial Flow)**

Motor type	Motor rating		Cable Size	Pump type	Starting method	Rated Current		m³/hr.	Discharge							
UMA I 150 / 150E	kW	HP	mm²	UQD 112 /		A			0	3	4	5	6	7	8	9
						UMA I 150	UMA I 150E	lpm	0	50	67	83	100	117	133	150
2 / 22	2.2	3.0	1.5	10	DOL	5.8	5.8	Head (m)	110	102	96	89	79	69	55	40
3 / 22	3.7	5.0	1.5	15	DOL	8.4	9.5		161	140	134	123	113	101	86	72
4 / 22	4.5	6.0	2.5	18	DOL	10.0	10.5		195	167	160	148	135	121	103	86
6 / 22	5.5	7.5	2.5	20	DOL	11.8	13.0		215	186	178	164	150	134	114	96
6 / 22	5.5	7.5	1.5	20	S/D	11.8	13.0		215	186	178	164	150	134	114	96
6 / 22	5.5	7.5	2.5	23	DOL	11.8	13.0		249	214	205	189	173	154	131	110
6 / 22	5.5	7.5	1.5	23	S/D	11.8	13.0		249	214	205	189	173	154	131	110
8 / 22	7.5	10.0	2.5	25	S/D	15.6			270	233	223	205	188	168	143	120
8 / 22	7.5	10.0	2.5	28	S/D	15.6			302	260	249	230	210	188	160	134
8 / 22	7.5	10.0	2.5	30	S/D	15.6			324	279	267	246	225	201	171	144
9 / 22	9.3	12.5	2.5	34	S/D	18.5			367	316	303	279	255	228	194	163
9 / 22	9.3	12.5	2.5	36	S/D	18.5			389	335	320	295	270	241	205	173

150 mm (6") Borewell Submersible Pumpsets : **UQD 152 + UMAI 100 (Radial Flow)**

Motor type	Motor rating		Cable Size	Pump type	Starting method	Rated Current	m³/hr.	Discharge							
UMA I 100	kW	HP	mm²	UQD 152 /		A		0	5	7	9	10	11	13	14
							lpm	0	83	117	150	167	183	217	233
1.5 / 22	1.50	2.00	1.5	5	DOL	4.1	Head (m)	48	47	44	40	38	35	29	25
2.2 / 22	2.20	3.00	2.5	6	DOL	5.8		58	56	53	48	45	42	35	30
2.2 / 22	2.20	3.00	2.5	7	DOL	5.8		67	65	61	56	53	49	40	35

150 mm (6") Borewell Submersible Pumpsets : **UQD 152 + UMA 150 (Radial Flow)**

Motor type	Motor rating		Cable Size	Pump type	Starting method	Rated Current		m³/hr.	Discharge							
UMA I 150 / 150E	kW	HP	mm²	UQD 152 /		A			0	5	7	9	10	11	13	14
						UMA I 150	UMA I 150E	lpm	0	83	117	150	167	183	217	233
2 / 22	2.2	3.0	1.5	6	DOL	5.8	5.8	Head (m)	58	56	53	48	45	42	35	30
2 / 22	2.2	3.0	1.5	7	DOL	5.8	5.8		67	65	61	56	53	49	40	35
3 / 22	3.7	5.0	1.5	8	DOL	8.4	9.5		77	74	70	64	60	56	46	40
3 / 22	3.7	5.0	1.5	9	DOL	8.4	9.5		87	84	79	72	68	63	52	45
3 / 22	3.7	5.0	1.5	10	DOL	8.4	9.5		96	93	88	80	76	70	58	50
3 / 22	3.7	5.0	1.5	11	DOL	8.4	9.5		106	102	96	88	83	77	63	55
4 / 22	4.5	6.0	2.5	12	DOL	10.0	10.5		116	112	105	96	91	84	69	60
4 / 22	4.5	6.0	2.5	13	DOL	10.0	10.5		125	121	114	104	99	91	75	65
4 / 22	4.5	6.0	2.5	14	DOL	10.0	10.5		135	130	123	112	106	98	81	70
6 / 22	5.5	7.5	2.5	15	DOL	11.8	13.0		144	140	131	120	113	105	86	75
6 / 22	5.5	7.5	1.5	15	S/D	11.8	13.0		144	140	131	120	113	105	86	75
6 / 22	5.5	7.5	2.5	17	DOL	11.8	13.0		164	158	149	136	128	119	98	85
6 / 22	5.5	7.5	1.5	17	S/D	11.8	13.0		164	158	149	136	128	119	98	85
8 / 22	7.5	10.0	2.5	20	S/D	15.6			193	186	175	160	151	140	115	100
8 / 22	7.5	10.0	2.5	22	S/D	15.6			212	205	193	176	166	154	127	110
9 / 22	9.3	12.5	2.5	24	S/D	18.5			231	223	210	192	181	168	138	120
9 / 22	9.3	12.5	2.5	26	S/D	18.5			250	242	228	208	196	182	150	129
13 / 22	11.0	15.0	2.5	28	S/D	22.0			270	261	246	224	211	196	162	139
13 / 22	11.0	15.0	2.5	30	S/D	22.0			289	279	263	240	227	210	173	149
UMA H 150				UQD 152												
14 / 23	13.0	17.5	2.5	35	S/D	30.0			337	326	306	280	264	245	201	174

150 mm (6") Borewell Submersible Pumpsets : **UQD 182 + UMA 150 (Radial Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current		m³/hr.	Discharge							
UMA I 150 / 150E	kW	HP	UQD 182 /	mm²		A			0	6	8	10	12	14	16	18
						UMA I 150	UMA I 150E	lpm	0	100	133	167	200	233	267	300
2 / 22	2.2	3.0	3	1.5	DOL	5.8	5.8	Head (m)	34	34	33	32	30	27	24	21
2 / 22	2.2	3.0	4	1.5	DOL	5.8	5.8		46	45	44	42	40	37	33	27
3 / 22	3.7	5.0	6	1.5	DOL	8.4	9.5		68	67	66	63	60	55	49	41
4 / 22	4.5	6.0	8	2.5	DOL	10.0	10.5		91	90	87	85	80	73	65	55
6 / 22	5.5	7.5	9	2.5	DOL	11.8	13.0		103	101	98	96	90	82	73	62
6 / 22	5.5	7.5	10	2.5	DOL	11.8	13.0		114	112	109	106	100	92	81	69
6 / 22	5.5	7.5	10	1.5	S/D	11.8	13.0		114	112	109	106	100	92	81	69
8 / 22	7.5	10.0	13	2.5	S/D	15.6			148	146	142	138	129	119	105	90
9 / 22	9.3	12.5	16	2.5	S/D	18.5			182	179	175	169	159	146	130	110
13 / 22	11.0	15.0	20	2.5	S/D	22.0			228	224	218	212	199	183	162	138
UMA H 150			UQD 182 /													
14 / 23	13.0	17.5	23	2.5	S/D	30.0			262	258	251	243	229	210	186	159
15 / 23	15.0	20.0	26	4.0	S/D	33.0			296	291	284	275	259	238	211	179
17 / 23	18.5	25.0	32	4.0	S/D	42.0			364	358	349	339	318	293	259	221

150 mm (6") Borewell Submersible Pumpsets : **UQD 212 + UMA 150 (Radial Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current		m ³ /hr.	Discharge							
UMA I 150 / 150E	kW	HP	UQD 212 /	mm ²		A			0	10	12	16	18	20	22	24
						UMA I 150	UMA I 150E	lpm	0	167	200	267	300	333	367	400
2 / 22	2.2	3.0	3	1.5	DOL	5.8	5.8	Head (m)	34	34	33	31	29	27	25	23
3 / 22	3.7	5.0	4	1.5	DOL	8.4	9.5		46	45	44	41	39	36	33	30
3 / 22	3.7	5.0	5	1.5	DOL	8.4	9.5		57	56	56	51	49	45	42	37
4 / 22	4.5	6.0	6	2.5	DOL	10.0	10.5		68	68	67	62	58	54	50	44
6 / 22	5.5	7.5	6	2.5	DOL	11.8	13.0		68	68	67	62	58	54	50	44
6 / 22	5.5	7.5	6	1.5	S/D	11.8	13.0		68	68	67	62	58	54	50	44
6 / 22	5.5	7.5	7	2.5	DOL	11.8	13.0		80	79	78	72	68	63	58	52
6 / 22	5.5	7.5	7	1.5	S/D	11.8	13.0		80	79	78	72	68	63	58	52
8 / 22	7.5	10.0	8	2.5	S/D	15.6			91	90	89	82	78	72	67	59
8 / 22	7.5	10.0	9	2.5	S/D	15.6			103	101	100	92	88	81	75	66
8 / 22	7.5	10.0	10	2.5	S/D	15.6			114	113	111	103	97	91	84	74
9 / 22	9.3	12.5	12	2.5	S/D	18.5			137	135	133	123	116	109	100	89
13 / 22	11.0	15.0	14	2.5	S/D	22.0			159	158	155	144	136	127	117	104
UMA H 150			UQD 212 /													
14 / 23	13.0	17.5	17	2.5	S/D	30.0			194	192	189	174	165	154	142	126
14 / 23	13.0	17.5	18	2.5	S/D	30.0			205	203	200	185	175	163	150	133
15 / 23	15.0	20.0	18	4.0	S/D	33.0			205	203	200	185	175	163	150	133
15 / 23	15.0	20.0	20	4.0	S/D	33.0			228	226	222	205	194	181	167	148
17 / 23	18.5	25.0	24	4.0	S/D	42.0			273	271	266	246	233	217	200	178
28 / 23	22.0	30.0	28	6.0	S/D	43.0			327	315	308	287	273	252	231	210

150 mm (6") Borewell Submersible Pumpsets : **UPF 60, 80, 100, 125, 150, 200 (50 ft per stage)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge					
UMAI 150	kW	HP	UPF 60	mm²		A		0	5	8	9	11	16
							lpm	0	75	125	150	185	260
2 / 22	2.20	3.00	5	1.5	DOL	6.5	Head (m)	83	77	67	60	46	10
2.5 / 22	3.00	4.00	7	1.5	DOL	8.5		117	108	93	84	64	15
3 / 22	3.70	5.00	8	1.5	DOL	10.0		133	123	107	96	73	17
4 / 22	4.50	6.00	10	2.5	DOL	12.0		167	154	133	120	92	21
6 / 22	5.50	7.50	12	1.5	S/D	14.5		200	185	160	144	110	25
6 / 22	5.50	7.50	12	2.5	DOL	14.5		200	185	160	144	110	25
8 / 22	7.50	10.00	16	2.5	S/D	19.5		267	246	213	192	147	33
9 / 22	9.30	12.50	20	2.5	S/D	25.0		333	308	267	240	183	42
13 / 22	11.00	15.00	23	2.5	S/D	29.0		383	354	307	276	211	48
UMA H 150													
21 / 22	15.00	20.00	30	4.0	S/D	39.0	500		462	400	360	275	63

150 mm (6") Borewell Submersible Pumpsets : **UPF 80 (50 feet per stage)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge					
UMA I 150	kW	HP	UPF 80	mm²		A		0	5	8	9	11	16
							lpm	0	85	150	170	225	270
2 / 22	2.20	3.00	4	1.5	DOL	6.5	Head (m)	64	60	50	44	26	8
2.5 / 22	3.00	4.00	5	1.5	DOL	8.5		80	75	63	55	33	10
3 / 22	3.70	5.00	6	1.5	DOL	10.0		96	90	75	66	39	12
4 / 22	4.50	6.00	8	2.5	DOL	12.0		128	120	100	88	52	16
6 / 22	5.50	7.50	10	1.5	S/D	14.5		160	150	125	110	65	20
6 / 22	5.50	7.50	10	2.5	DOL	14.5		160	150	125	110	65	20
8 / 22	7.50	10.00	13	2.5	S/D	19.5		208	195	163	143	85	26
9 / 22	9.30	12.50	15	2.5	S/D	25.0		240	225	188	165	98	30
13 / 22	11.00	15.00	19	2.5	S/D	29.0		304	285	238	209	124	38
UMA H 150													
14 / 23	13.00	17.50	22	2.5	S/D	34.0		352	330	275	242	143	44
15 / 23	15.00	20.00	25	4.0	S/D	39.0		400	375	313	275	163	50
17 / 23	18.50	25.00	30	4.0	S/D	48.0		480	450	375	330	195	60

150 mm (6") Borewell Submersible Pumpsets : **UPF 100 (50 feet per stage)**

Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge					
kW	HP	UPF 100	mm²		A		0	10	13	14	19	23
						lpm	0	160	210	235	310	375
2.20	3.00	3	1.5	DOL	6.5	Head (m)	53	45	39	36	22	6
3.00	4.00	4	1.5	DOL	8.5		70	60	52	48	29	8
3.70	5.00	5	1.5	DOL	10.0		88	75	65	60	36	10
4.50	6.00	6	2.5	DOL	12.0		105	90	78	72	44	12
5.50	7.50	8	1.5	S/D	14.5		140	120	104	96	58	16
5.50	7.50	8	2.5	DOL	14.5		140	120	104	96	58	16
7.50	10.00	10	2.5	S/D	19.5		175	150	130	120	73	20
9.30	12.50	12	2.5	S/D	25.0		210	180	156	144	87	24
11.00	15.00	15	2.5	S/D	29.0		263	225	195	180	109	30
13.00	17.50	18	2.5	S/D	34.0		315	270	234	216	131	36
15.00	20.00	20	4.0	S/D	39.0		350	300	260	240	145	40
18.50	25.00	25	4.0	S/D	48.0		438	375	325	300	181	50

150 mm (6") Borewell Submersible Pumpsets : **UPF 125 (50 feet per stage)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge						
UMA I 150	kW	HP	UPF125	mm²		A		0	7	15	18	23	30	
							lpm	0	115	250	300	380	500	
2 / 22	2.20	3.00	2	1.5	DOL	6.5	Head (m)	35	34	28	25	18	4	
2.5 / 22	3.00	4.00	3	1.5	DOL	8.5		53	51	41	38	26	6	
3 / 22	3.70	5.00	4	1.5	DOL	10.0		70	68	55	50	35	8	
4 / 22	4.50	6.00	5	2.5	DOL	12.0		88	84	69	63	44	10	
6 / 22	5.50	7.50	6	1.5	S/D	14.5		105	101	83	75	53	12	
6 / 22	5.50	7.50	6	2.5	DOL	14.5		105	101	83	75	53	12	
8 / 22	7.50	10.00	8	2.5	S/D	19.5		140	135	110	100	70	16	
9 / 22	9.30	12.50	10	2.5	S/D	25.0		175	169	138	125	88	20	
13 / 22	11.00	15.00	12	2.5	S/D	29.0		210	203	165	150	105	24	
UMA H 150														
14 / 23	13.00	17.50	14	2.5	S/D	34.0		245	236	193	175	123	28	
15 / 23	15.00	20.00	16	4.0	S/D	39.0		280	270	220	200	140	32	
17 / 23	18.50	25.00	20	4.0	S/D	48.0		350	338	275	250	175	40	

150 mm (6") Borewell Submersible Pumpsets : **UPF 150 (50 feet per stage)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge					
UMAI 150	kW	HP	UPF 150	mm²		A		0	11	18	21	25	32
							lpm	0	175	300	345	410	535
2 / 22	2.20	3.00	2	1.5	DOL	6.5	Head (m)	38	34	27	24	18	4
3 / 22	3.70	5.00	3	2.5	DOL	10.0		56	51	41	36	27	7
4 / 22	4.50	6.00	4	2.5	DOL	12.0		75	68	54	48	36	9
6 / 22	5.50	7.50	5	1.5	S/D	14.5		94	85	68	60	46	11
6 / 22	5.50	7.50	5	2.5	DOL	14.5		94	85	68	60	46	11
8 / 22	7.50	10.00	7	2.5	S/D	19.5		132	119	95	84	64	15
9 / 22	9.30	12.50	8	2.5	S/D	25.0		151	136	108	96	73	18
13 / 22	11.00	15.00	10	2.5	S/D	29.0		188	170	135	121	91	22
UMA H 150													
14 / 23	13.00	17.50	12	2.5	S/D	34.0		226	204	162	145	109	26
15 / 23	15.00	20.00	13	4.0	S/D	39.0		245	221	176	157	119	29
17 / 23	18.50	25.00	17	4.0	S/D	48.0		320	289	230	205	155	34

150 mm (6") Borewell Submersible Pumpsets : **UPF 200 (50 feet per stage)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge					
UMA I 150	kW	HP	UPF 200	mm²		A		0	13	27	32	37	44
							lpm	0	215	450	535	620	725
2.5 / 22	3.00	4.00	2	2.5	DOL	8.5	Head (m)	34	32	25	22	16	6
4 / 22	4.50	6.00	3	2.5	DOL	12.0		51	47	38	33	24	9
6 / 22	5.50	7.50	4	1.5	S/D	14.5		68	63	50	44	33	13
6 / 22	5.50	7.50	4	2.5	DOL	14.5		68	63	50	44	33	13
8 / 22	7.50	10.00	5	2.5	S/D	19.5		84	79	63	54	41	16
9 / 22	9.30	12.50	6	2.5	S/D	25.0		101	95	75	65	49	19
13 / 22	11.00	15.00	8	2.5	S/D	29.0		135	126	100	87	65	25
UMA H 150													
14 / 23	13.00	17.50	9	2.5	S/D	34.0		152	142	113	98	73	28
15 / 23	15.00	20.00	10	4.0	S/D	39.0		169	158	125	109	81	31
17 / 23	18.50	25.00	13	4.0	S/D	48.0		219	205	163	141	106	41

150 mm (6") Borewell Submersible Pumpsets : **BPD 242 + UMAH 150 (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge							
UMA H 150	kW	HP	BPD 242	mm²		A		0.0	12.0	15.0	18.0	20.0	24.0	27.0	30.0
							lpm	0	200	250	300	333	400	450	500
15/23	15	20	18B	4	SD	33	Head (m)	202.0	191.0	185.0	175.0	167.0	151.0	137.0	119
17/23	18.5	25	20B	4	SD	42		242	226	216	208	200	180	162	142
28/23	22.0	30.0	24A	6.0	SD	43.0		290	271	259	250	240	216	194	170

150 mm (6") Borewell Submersible Pumpsets : **BPD 262 + UMAH 150 (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge					
UMA H 150	kW	HP	BPD 262 A	mm²		A		0.0	15.0	25.0	28.0	35.0	45.0
							lpm	0	250.05	416.75	466.76	583.45	750.15
15/23	15	20	18A	4	SD	33	Head (m)	182.0	167.0	144.0	135.0	108.0	63.0
17/23	18.5	25	20A	4	SD	42		202	185	160	150	120	70
28/23	22.0	30.0	24A	6.0	SD	43.0		242	222	192	180	144	84

150 mm (6") Borewell Submersible Pumpsets : **BPD 242A + UMA 150 (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current		m³/hr.	Discharge									
UMA I 150 / 150E	kW	HP	BPD 242 /	mm²		A			0	12	15	18	20	24	27	30	34	36
						UMA I 150	UMA I 150E	lpm	0	200	250	300	333	400	450	500	567	600
2 / 22	2.2	3.0	2	1.5	DOL	5.8	5.8	Head (m)	25	24	23.5	23	22.5	21	19.5	18	15	13.5
3 / 22	3.7	5.0	3A	1.5	DOL	8.4	9.5		37	35	34	32	31	28	26	22	17	15
3 / 22	3.7	5.0	4A	1.5	DOL	8.4	9.5		50	47	45	43	41	37	34	29	23	20
4 / 22	4.5	6.0	5A	2.5	DOL	10.0	10.5		62	59	57	54	52	47	42	37	29	25
6 / 22	5.5	7.5	6A	2.5	DOL	11.8	13.0		75	71	68	65	62	56	51	44	35	29
6 / 22	5.5	7.5	6A	1.5	S/D	11.8	13.0		75	71	68	65	62	56	51	44	35	29
8 / 22	7.5	10.0	8A	2.5	S/D	15.6			99	94	91	86	83	75	67	59	46	39
9 / 22	9.3	12.5	10A	2.5	S/D	18.5			124	118	114	108	104	93	84	74	58	49
13 / 22	11.0	15.0	12A	2.5	S/D	22.0			149	142	136	130	124	112	101	88	70	59
UMA H 150																		
14 / 23	13.0	17.5	14A	2.5	S/D	30.0			174	165	159	151	145	131	118	103	81	69
15 / 23	15.0	20.0	15A	4.0	S/D	33.0			186	177	171	162	155	140	126	110	87	74
17 / 23	18.5	25.0	18A	4.0	S/D	42.0			224	212	205	194	186	168	152	132	104	88

150 mm (6") Borewell Submersible Pumpsets : **BPD 262A + UMA 150 (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current		m³/hr.	Discharge							
UMA I 150 / 150E	kW	HP	BPD 262 /	mm²		A			0	15	25	28	35	40	45	
						UMA I 150	UMA I 150E	lpm	0	250	417	467	583	667	750	
3 / 22	3.7	5.0	5A	1.5	DOL	8.4	9.5	Head (m)	51	48	40	38	30	25	15	
4 / 22	4.5	6.0	6A	1.5	DOL	10.0	10.5		61	57	48	45	36	30	18	
6 / 22	5.5	7.5	8A	2.5	DOL	11.8	13		82	76	64	60	48	40	24	
6 / 22	5.5	7.5	8A	1.5	S/D	11.8	13		82	76	64	60	48	40	24	
8 / 22	7.5	10.0	10A	2.5	S/D	15.6			102	95	80	75	60	50	30	
9 / 22	9.3	12.5	12A	2.5	S/D	18.5			122	114	96	90	72	60	36	
13 / 22	11.0	15.0	15A	2.5	S/D	22.0			153	143	120	113	90	75	45	
UMA H 150																
14 / 23	13.0	17.5	17A	2.5	S/D	30.0				173	162	136	128	102	85	51

150 mm (6") Borewell Submersible Pumpsets : **BPD 262 + UMA 150 (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current		m³/hr.	Discharge						
UMA I 150 / 150E	kW	HP	BPD 262 /	mm²		A			0	15	25	30	35	40	45
						UMA I 150	UMA I 150E	lpm	0	250	417	500	583	667	750
3 / 22	3.7	5.0	4	1.5	DOL	8.4	9.5	Head (m)	44	40	36	32	28	22	14
4 / 22	4.5	6.0	5	1.5	DOL	10.0	10.5		55	50	45	40	35	28	18
6 / 22	5.5	7.5	6	2.5	DOL	11.8	13		66	60	54	48	42	33	21
6 / 22	5.5	7.5	6	1.5	S/D	11.8	13		66	60	54	48	42	33	21
8 / 22	7.5	10	7	2.5	S/D	15.6			77	70	63	56	49	39	25
8 / 22	7.5	10.0	8	2.5	S/D	15.6			88	80	72	64	56	44	28
9 / 22	9.3	12.5	10	2.5	S/D	18.5			110	100	90	80	70	55	35
13 / 22	11.0	15.0	12	2.5	S/D	22.0			132	120	108	96	84	66	42
UMA H 150															
14 / 23	13.0	17.5	15	2.5	S/D	30.0			165	150	135	120	105	83	53
15 / 23	15.0	20.0	16	4.0	S/D	33.0			176	160	144	128	112	88	56
17 / 23	18.5	25.0	17	4.0	S/D	42.0			187	170	153	136	119	94	60

150 mm (6") Borewell Submersible Pumpsets : **BPH 293 + HBC / HBCN Small (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge								
HBC / HBCN	kW	HP	BPD 262 /	mm²		A		14.4	22.8	29.4	37.8	45.0	54.6	61.8	69.0	78.0
							lpm	240	380	490	630	750	911	1031	1151	1301
203	15.0	20.0	06	4.0	S.D.	22.5	Head (m)	120	114	108	99	90	78	66	54	36
253	18.5	25.0	08	6.0	S.D.	31.0		160	152	144	132	120	104	88	72	48
303	22.0	30.0	09	6.0	S.D.	37.5		180	171	162	149	135	117	99	81	54
333	24.5	33.0	11	6.0	S.D.	43.5		220	209	198	182	165	143	121	99	66
413	30.0	41.0	13	10.0	S.D.	49.5		260	247	234	215	195	169	143	117	78

150 mm (6") Borewell Submersible Pumpsets : **BPH 313 + HBC / HBCN Small (Mixed flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	m³/hr.	Discharge								
HBC / HBCN	kW	HP	BPD 262 /	mm²		A		18.6	30.0	36.0	48.0	57.0	65.4	72.0	79.2	88.8
							lpm	310.0	500.0	600.4	800.5	950.0	1090.0	1200.0	1320.0	1480.0
153	11.0	15.0	04	2.5	S.D.	22.5	Head (m)	80	76	72	66	60	52	44	36	24
203	15.0	20.0	05	4.0	S.D.	31.0		100	95	90	83	75	65	55	45	30
253	18.5	25.0	06	6.0	S.D.	37.5		120	114	108	99	90	78	66	54	36
333	24.5	33.0	09	6.0	S.D.	43.5		180	171	162	149	135	117	99	81	54
413	30.0	41.0	10	10.0	S.D.	49.5		200	190	180	165	150	130	110	90	60

150 mm (6") Borewell Submersible Pumpsets : **BPD 273 + UMA 150 (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current		m³/hr.	Discharge							
UMA I 150 / 150E	kW	HP	BPD 273 /	mm²		A			0	20	26	30	36	40	45	50
						UMA I 150	UMA I 150E	lpm	0	333	433	500	600	667	750	833
2 / 22	2.2	3.0	2	1.5	DOL	5.8	5.8	Head (m)	23	21	19	19	17	15	13	10
3 / 22	3.7	5.0	3	1.5	DOL	8.4	9.5		34	31	29	28	25	22	19	15
4 / 22	4.5	6.0	4A	2.5	DOL	10.0	10.5		41	37	35	33	29	26	22	17
6 / 22	5.5	7.5	4	2.5	DOL	11.8	13.0		46	41	39	37	33	30	25	20
6 / 22	5.5	7.5	4	1.5	S/D	11.8	13.0		46	41	39	37	33	30	25	20
6 / 22	5.5	7.5	5A	2.5	DOL	11.8	13.0		51	46	43	41	36	33	27	21
6 / 22	5.5	7.5	5A	1.5	S/D	11.8	13.0		51	46	43	41	36	33	27	21
8 / 22	7.5	10.0	6	2.5	S/D	15.6			68	62	58	55	49	44	38	30
8 / 22	7.5	10.0	7A	2.5	S/D	15.6			71	64	60	57	50	46	38	29
9 / 22	9.3	12.5	8A	2.5	S/D	18.5			81	74	69	66	58	53	43	34
13 / 22	11.0	15.0	8	2.5	S/D	22.0			91	83	78	73	65	59	51	40
13 / 22	11.0	15.0	10A	2.5	S/D	22.0			101	92	86	82	72	66	54	42
UMA H 150																
14 / 23	13.0	17.5	10	2.5	S/D	30.0			114	104	97	92	82	74	63	51
14 / 23	13.0	17.5	11	2.5	S/D	30.0			125	114	107	101	90	81	69	56
15 / 23	15.0	20.0	12A	4.0	S/D	33.0		122	110	103	98	86	79	65	50	
15 / 23	15.0	20.0	12	4.0	S/D	33.0		137	124	116	110	98	89	76	61	
17 / 23	18.5	25.0	12	4.0	S/D	42.0		137	124	116	110	98	89	76	61	
17 / 23	18.5	25.0	14	4.0	S/D	42.0		160	144	137	128	114	103	89	70	

150 mm (6") Borewell Submersible Pumpsets : **BPDN 302 + UMA I / H 150**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	Max Current	m³/hr.	Discharge					
UMA I 150	kW	HP	BPD 302	mm²		A	A		0.0	30.0	60.0	70.0	80.0	90.0
								lpm	0	500	1000	1167	1334	1500
3 / 22	3.7	5.0	02	1.5	DOL	8.4	10.0	Head (m)	26	21	16	13	9	5
6 / 22	5.5	7.5	03	1.5	S.D.	11.8	14.5		39	32	24	20	14	7
6 / 22	5.5	7.5	03	2.5	DOL	11.8			39	32	24	20	14	7
8 / 22	7.5	10.0	04	2.5	S.D.	15.6	19.5		52	42	32	26	18	9
9 / 22	9.3	12.5	05	2.5	S.D.	18.5	25.0		65	53	40	33	23	12
13 / 22	11.0	15.0	06	4.0	S.D.	33.0	29.0		78	63	48	39	27	14
14 / 23	13.0	17.5	07	4.0	S.D.	30.0	34.0		91	74	56	46	32	16
15 / 23	15.0	20.0	08	4.0	S.D.	30.0	39.0		104	84	64	52	36	18
17 / 23	18.5	25.0	09	4.0	S.D.	42.0	48.0		117	95	72	59	41	21
17 / 23	18.5	25.0	10	4.0	S.D.	42.0	48.0		130	105	80	65	45	23

150 mm (6") Borewell Submersible Pumpsets : **BPDN 302 - A + UMA I / H**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current	Max Current	m³/hr.	Discharge						
UMA I 150	kW	HP	BPD 302	mm²		A	A		0.0	25	35	54	60	72	85.0
								lpm	0	417	583	900	1000	1200	1417
4 / 22	4.5	6.0	03	2.5	DOL	10.5	12.0	Head (m)	37	31	28	22	21	14	6
6 / 22	5.5	7.5	04	1.5	S.D.	13.0	14.5		50	41	37	30	27	19	8
				2.5	DOL				50	41	37	30	27	19	8
8 / 22	7.5	10.0	05	2.5	S.D.	16.1	19.5		62	51	46	37	34	24	10
9 / 22	9.3	12.5	06	2.5	S.D.	20.0	25.0		75	62	56	45	41	28	12
13 / 22	11.0	15.0	07	2.5	S.D.	22.8	29.0		87	72	65	52	48	33	14
14 / 23	13.0	17.5	08	4.0	S.D.	30.0	34.0		99	82	74	59	55	38	16
15 / 23	15.0	20.0	10	4.0	S.D.	33.0	39.0		124	103	93	74	69	47	20
17 / 23	18.5	25.0	12	4.0	S.D.	42.0	48.0		149	123	111	89	82	57	24

150 mm (6") Borewell Submersible Pumpsets : **BPDN 302 + UMA 150 (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current		m³/hr.	Discharge						
UMA I 150 / 150E	kW	HP	BPD 312 /	mm²		A			0	25	35	54	60	72	85
						UMA I 150	UMA I 150E	lpm	0	417	583	900	1000	1200	1417
4 / 22	4.5	6.0	3A	1.5	DOL	10.0	10.5	Head (m)	37	31	28	22	21	14	6
6 / 22	5.5	7.5	4A	2.5	DOL	11.8	13		50	41	37	30	27	19	8
6 / 22	5.5	7.5	4A	1.5	S/D	11.8	13		50	41	37	30	27	19	8
8 / 22	7.5	10.0	5A	2.5	S/D	15.6			62	51	46	37	34	24	10
9 / 22	9.3	12.5	6A	2.5	S/D	18.5			75	62	56	45	41	28	12
13 / 22	11.0	15.0	7A	2.5	S/D	22.0			87	72	65	52	48	33	14
UMA H 150															
14 / 23	13.0	17.5	8A	2.5	S/D	30.0			99	82	74	59	55	35	16
15 / 23	15.0	20.0	10A	4.0	S/D	33.0			124	103	93	74	69	47	20
17 / 23	18.5	25.0	12A	4.0	S/D	42.0			149	123	111	89	82	57	24

150 mm (6”) Borewell Submersible Pumpsets : **BPDN 302 + UMA 150 (Mixed Flow)**

Motor type	Motor rating		Pump type	Cable Size	Starting method	Rated Current		m³/hr.	Discharge					
UMA I 150 / 150E	kW	HP	BPD 312 /	mm²		A			0	30	60	70	80	90
						UMA I 150	UMA I 150E	lpm	0	500	1000	1167	1333	1500
3 / 22	3.7	5.0	2	1.5	DOL	8.4	9.5	Head (m)	26	21	16	13	9	5
6 / 22	5.5	7.5	3	2.5	DOL	11.8	13		39	32	24	20	14	7
6 / 22	5.5	7.5	3	1.5	S/D	11.8	13		39	32	24	20	14	7
8 / 22	7.5	10.0	4	2.5	S/D	15.6			52	42	32	26	18	9
9 / 22	9.3	12.5	5	2.5	S/D	18.5			65	53	40	33	23	12
13 / 22	11.0	15.0	6	2.5	S/D	22.0			78	63	48	39	27	14
UMA H 150														
14 / 23	13.0	17.5	7	2.5	S/D	30.0			91	74	56	46	32	16
15 / 23	15.0	20.0	8	4.0	S/D	33.0			104	84	64	52	36	18
17 / 23	18.5	25.0	9	4.0	S/D	42.0			117	95	72	59	41	21
17 / 23	18.5	25.0	10	4.0	S/D	42.0		130	105	80	65	45	23	



KSB Limited
Standard Pumps Division
Plot No. E-3 & E-4, MIDC Sinnar, Nashik - 422 113.
Tel.: +91-2551-230252 / 253, 229700 www.ksbindia.co.in

Our toll free no : 1800 233 1299
(Mon-Sun. 8am to 8pm)

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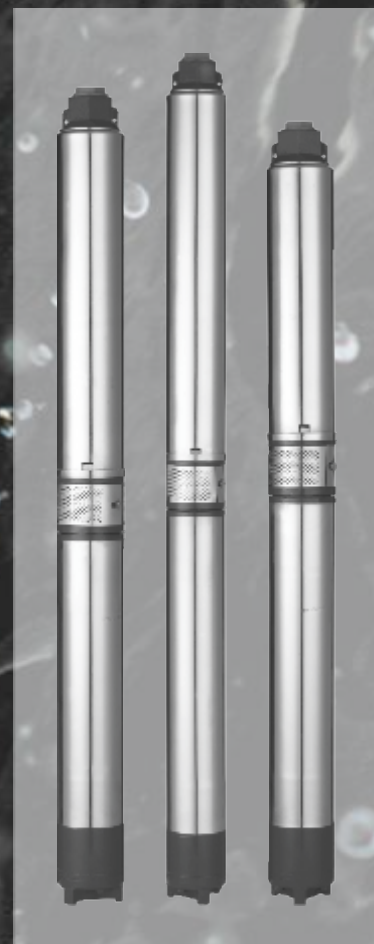
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CORA 75

75 mm (3") Submersible Motor Pumpsets

Applications :

- Domestic water supply
- Irrigation
- Fire protection systems
- Fountains



CORA 75 – Multistage Submersible Motor Pumpsets

CORA 75 - Multistage submersible motor pumps made of Stainless Steel & NORYL for well diameter of 75 mm (3") and above.

Design features

- Stage casing with wear ring
- Superior chrome steel rotor shaft
- Rewindable water filled motor
- Tilting pad type thrust bearing
- Copper rotor

Material of construction

Pump / Stator Jacket	-	Stainless Steel
Suction Casing	-	Cast Iron
Stage Casing	-	Noryl with SS wear ring
Impeller	-	Noryl
Shaft / Coupling Sleeve	-	Chrome Steel
Bearing / Valve Body	-	Cast Iron
Winding Wire	-	Polywrap Copper
Thrust Bearing	-	Carbon vs Cr. Steel

Performance table

Nominal Speed : 2850 rpm Power : 230 V, 50 Hz Single Phase AC supply

Pump type	Motor type	Motor rating		Cable size	Overall length	Weight approx.	Head (m)	Discharge (m ³ /hr.)				
		kW	HP	mm ²	mm	kg.		0.6	1.2	1.8	2.4	3.0
CORA 75-20A	UMAI (S) 75						Head (m)	40	35	28	20	9
10	0.37 / 22	0.37	0.50	1.0	855	12.8		60	52	41	29	14
15	0.55 / 22	0.55	0.75	1.0	1010	15.7		80	70	55	39	18
20	0.75 / 22	0.75	1.00	1.0	1195	18.8		104	91	72	52	23
26	0.93 / 22	0.93	1.25	1.0	1403	22.7		120	109	86	61	28
30	1.1 / 22	1.10	1.50	1.0	1545	25.9						
CORA 75-25A	UMAI (S) 75						Head (m)	34	29	22	15	5
8	0.37 / 22	0.37	0.50	1.0	825	11.8		51	44	34	23	8
12	0.55 / 22	0.55	0.75	1.0	965	14.2		64	55	42	29	10
15	0.75 / 22	0.75	1.00	1.0	1080	16.1		78	66	50	35	12
18	0.93 / 22	0.93	1.25	1.0	1255	19.1		107	92	70	48	17
25	1.1 / 22	1.10	1.50	1.0	1480	23.3						
CORA 75-30A	UMAI (S) 75						Head (m)	28	23	19	13	3
7	0.37 / 22	0.37	0.50	1.0	825	11.3		39	33	27	18	4
10	0.55 / 22	0.55	0.75	1.0	965	13.3		50	41	33	23	7
13	0.75 / 22	0.75	1.00	1.0	1080	15.1		59	50	40	27	6
15	0.93 / 22	0.93	1.25	1.0	1255	17.4		71	60	48	32	7
18	1.1 / 22	1.10	1.50	1.0	1480	20.5						
CORA 75-35A	UMAI (S) 75						Head (m)	25	21	17	10	2
9	0.37 / 22	0.37	0.50	1.0	900	11.4		34	28	23	14	4
12	0.55 / 22	0.55	0.75	1.0	1030	13.2		45	38	30	19	6
16	0.75 / 22	0.75	1.00	1.0	1220	15.5		56	47	38	24	8
20	0.93 / 22	0.93	1.25	1.0	1410	17.8		71	59	47	29	10
25	1.1 / 22	1.10	1.50	1.0	1610	21.2						
CORA 75-37A	UMAI (S) 75						Head (m)	0.0	3.0	3.5	3.7	4.5
12	0.75 / 22	0.75	1.00	1.0	1180	14.8		45	38	35	33	26
CORA 75-40 A	UMAI (S) 75						Head (m)	18	14	12	10	4
6	0.37 / 22	0.37	0.50	1.0	858	10.9		27	22	18	15	6
9	0.55 / 22	0.55	0.75	1.0	1012	12.9		36	29	24	20	8
12	0.75 / 22	0.75	1.00	1.0	1166	14.6		45	36	30	25	10
15	0.93 / 22	0.93	1.25	1.0	1350	17.2		54	43	36	30	12
18	1.1 / 22	1.10	1.50	1.0	1544	19.8						



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