

Submersible Motor Pumpsets

150 mm (6")



150 mm (6") – Submersible Motor Pumps

More returns & savings assured

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.

This highly efficient range of 150 mm submersible pumpsets offers more savings and peace of mind with its feature like low power consumption. Its sturdy body and advanced technology incur low maintenance cost and long life.

So, a golden harvest is not so far. Get KSB Submersible Pumpsets and start fetching prosperity from today!



Applications

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

Special features

- High efficiency
- Lower power consumption
- Special thrust bearing design
- Water filled
- Water lubricated
- Noiseless
- Easily rewindable

Operating range

Well Diameter	min. 150 mm
Capacity	up to 1250 lpm
Head	up to 350 m
Motor rating	up to 22 kW (30 HP)

General selection guide

Based on well yield lpm	Head Range (meters)	Model	Optimum head / stage meters	kW (HP) range
50-150	72-335	UQD 112	8	2.2-9.3 (3-12.5)
80-230	25-326	UQD 152	7.5	1.5-13 (2-17.5)
100-300	21-358	UQD 182	10	2.2-18.5 (3-25)
165-400	23-271	UQD 212	9.5	2.2-22 (3-30)
200-600	13.5-212	BPD 242	9	2.2-18.5 (3-25)
350-600	25- 160	BPD 262	8	3.7-18.5 (5-25)
330-830	10-124	BPD 273	8	2.2-18.5 (3-25)
500-1080	6-123	BPDN 302	7	4.5-18.5 (6-25)



KSB Limited
Standard Pumps Division
Plot No. E3 & E4, MIDC Sinnar, Nashik 422 113.
Tel.: +91-2551-230252 / 53, 229700 www.ksbindia.co.in



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3402.022

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

Mktg. Serv. / 03-22 / 5000

200+150 mm Submersible Motor Pumpsets



200+150 mm - Submersible Motor Pumpsets

KSB, a leading manufacturer of pumps, valves and systems offers its clients the latest pumping technology through a variety of pumpsets designed for the future.

KSB Submersible pump with outside diameter of 200 mm and motor of 150 mm can be installed in borewell of size 200 mm and above. The pumps and motors are made using sophisticated and advanced manufacturing processes to ensure top class performance of the pumpsets.

Applications

- Irrigation
- Drinking water supply
- Industrial water supply
- Lift irrigation

Special features

- High efficiency
- Lower power consumption
- Low voltage starting capability
- Special thrust bearing
- Corrosion free motor internals
- Stainless Steel rotor and pump shaft
- Stainless Steel strainer
- Dynamically balanced rotary parts
- Water filled
- Water lubricated
- Noiseless
- Easily re-windable

Selection Table

Pump of 200 mm diameter + motor of 150 mm Suitable for borewells of 200 mm and above.

Pump type	Motor type	Motor rating		Cable size	Starting method	Rated current	Overall length	Weight approx.		Discharge (m ³ /hr.)								
		kW	HP							30	40	50	60	70	80	90	100	110
BPHA	UMA I 150					A	mm	kg										
333/2E	6/22	5.50	7.50	2.5	DOL	11.8	1312	81		-	-	27	25	23	19	16	-	-
333/2E	6/22	5.50	7.50	1.5	S/D	11.8	1312	81		-	-	27	25	23	19	16	-	-
333/2D	8/22	7.50	10.00	2.5	S/D	15.6	1352	84		-	-	35	33	31	29	25	-	-
333/2C	9/22	9.30	12.50	2.5	S/D	18.5	1392	94		-	-	37	36	34	31	27	-	-
333/3B	9/22	9.30	12.50	2.5	S/D	18.5	1512	102		-	-	49	46	42	38	34	-	-
333/3D	13/22	11.00	15.00	2.5	S/D	22.0	1642	110		-	-	52	49	46	42	38	-	-
BPHA	UMA H 150																	
333/4B	14/23	13.00	17.50	2.5	S/D	30.0	1789	70		-	-	65	61	56	51	45	-	-
333/3C	15/23	15.00	20.00	4.0	S/D	33.0	1729	63		-	60	58	56	52	48	42	35	-
333/4F	15/23	15.00	20.00	4.0	S/D	33.0	1849	71		-	74	70	67	-	-	-	-	-
333/4F	17/23	18.50	25.00	4.0	S/D	40.0	1919	78		-	74	70	67	63	59	54	47	38
BPHA	UMA I 150									50	60	70	80	90	100	110	120	130
384/1D	8/22	7.50	10.00	2.5	S/D	15.6	1242	84		-	-	22	21	20	18	-	-	-
384/2E	9/22	9.30	12.50	2.5	S/D	18.5	1412	99		-	-	35	32	29	26	-	-	-
384/2F	13/22	11.00	15.00	2.5	S/D	22.0	1542	107		-	-	39	37	35	32	-	-	-
BPHA	UMA H 150																	
384/2D	15/23	15.00	20.00	4.0	S/D	33.0	1629	117		48	47	46	44	41	38	35	-	-
384/3H	15/23	15.00	20.00	4.0	S/D	33.0	1759	128		62	60	58	56	-	-	-	-	-
384/3G	17/23	18.50	25.00	4.0	S/D	40.0	1829	136		62	60	58	56	52	48	43	37	30

Pump type	Motor type	Motor rating		Cable size	Starting method	Rated current	Overall length	Weight approx.		Discharge (m ³ /hr.)									
		kW	HP							80	90	100	110	120	130	140	150	160	170
BPHA	UMA I 150					A	mm	kg											
373/1A	6/22	5.50	7.50	2.5	DOL	11.8	1229	73		13.5	13.0	12.5	12.0	11.0	10.5	9.5	8.5	7.0	-
373/1B	8/22	7.50	10.00	2.5	S/D	15.6	1269	76		17.5	17.0	16.5	15.5	15.0	14.5	13.5	12.5	11.5	10.0
373/1D	9/22	9.30	12.50	2.5	S/D	18.5	1309	86		18.3	18.0	17.3	17.0	16.7	16.0	15.3	14.7	13.3	12.3
373/2A	13/22	11.00	15.00	2.5	S/D	22.0	1479	109		27	26	25	24	22	21	19	17	14	-
BPHA	UMA H 150																		
373/2C	14/23	13.00	17.50	2.5	S/D	30.0	1606	109		29	28	27	26	25	23	21	19	17	13
373/2B	15/23	15.00	20.00	4.0	S/D	33.0	1666	119		35	34	33	31	30	29	27	25	23	20
373/2D	17/23	18.50	25.00	4.0	S/D	42.0	1736	123		37	36	35	34	33	32	31	29	27	25
373/3C	17/23	18.50	25.00	4.0	S/D	42.0	1876	138		44	42	41	39	37	35	32	29	25	20

Pump type	Motor type	Motor rating		Cable size	Starting method	Rated current	Overall length	Weight approx.		Discharge (m ³ /hr.)						
		kW	HP							80	100	120	140	160	180	200
BPH	UMA I 150					A	mm	kg								
383/1A	8/22	7.50	10.00	2.5	S/D	15.6	893	83		18	15	14	13	11	9	5
383/1	9/22	9.30	12.50	2.5	S/D	18.5	913	87		21	19	18	17	15	13	10
BPH	UMA H 150															
383/2A	15/23	15.00	20.00	4.0	S/D	33.0	1272	127		36	30	28	26	22	17	10
383/2	17/23	18.50	25.00	4.0	S/D	42.0	1342	127		42	38	36	34	30	25	20



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Submersible Motor Pumpsets

100 mm (4")

Pumps Made in India
with trusted German Technology



100 mm (4") – Submersible Motor Pumps

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 !



Applications

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

Special features

- High efficiency
- Lower power consumption
- Corrosion and abrasion free internals
- Special thrust bearing design
- Stainless Steel jacket
- Noiseless

Operating range

Well Diameter	min. 100 mm
Capacity	up to 410 lpm
Head	up to 400 m
Motor rating	1Ø up to 2.2 kW (5 HP) 3Ø up to 5.5 kW (7.5 HP)

General selection guide

Model	Max. discharge up to (lpm)	Max. head up to (m)	Motor power range kW (HP)
CORA 1C	30	275	0.37-1.5 (0.5-2.0)
CORA 2C	50	410	0.37-3.7 (0.5-5.0)
CORA 2AH	50	204	0.37 - 2.2 (0.5 - 3.0)
CORA 2CH	65	396	0.37-4.5 (0.5-6.0)
CORA 3C	90	354	0.37-5.5 (0.5-7.5)
CORA 3AH	83	163	0.55-2.2 (0.75-3.0)
CORA 3CH	100	369	0.55-5.5 (0.75-7.5)
CORA 4C	100	356	0.55-5.5 (0.75-7.5)
CORA 7C	167	238	0.75-5.5 (1.0-7.5)
CORA 12C	233	158	1.5-5.5 (2.0-7.5)
CORA 18C	400	100	1.5-5.5 (2.0-7.5)
CORA 4HH	100	348	3.0-5.5 (4.0-7.5)



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175+150 mm

Submersible Motor Pumpsets

Applications :

- Community drinking water supply
- Drip sprinkler irrigation / Farms
- Fountains / Gardens / Villas
- Poultries / Stud farms
- Fire fighting / Industries
- High rise Buildings

Trust of
German
Technology



175+150 mm – Submersible Motor Pumpsets

KSB, a leading manufacturer of pumps, valves and systems offers its clients the latest pumping technology through a variety of pumpsets designed for the future.

KSB Submersible pump with outside diameter of 175 mm and motor of 150 mm can be installed in borewell of size 175 mm and above. The pumps and motors are made using sophisticated and advanced manufacturing processes to ensure top class performance of the pumpsets.

Special features

- High efficiency
- Lower power consumption
- Low voltage starting capability
- Special thrust bearing
- Corrosion free motor internals
- Stainless Steel rotor and pump shaft
- Stainless Steel strainer
- Dynamically balanced rotary parts
- Water filled
- Water lubricated
- Noiseless
- Easily re-windable

Selection Table

Pump of 175 mm diameter + motor of 150 mm. Suitable for borewells of 175 mm and above.

Pump type	Motor type	Motor rating		Cable size	Starting method	Rated current	Overall length	Weight (approx.)	Head (m)	Discharge (m³/hr.)							
BPI 322	UMA I 150	kW	HP	mm²		A	mm	kg		40	50	60	65	70	80		
2D	4 / 22	4.50	6.00	2.5	DOL	10.5	1166	67		22	20	18	16	14	10		
2B	6 / 22	5.50	7.50	2.5	DOL	11.8	1200	71		27	26	24	22	20	17		
2B	6 / 22	5.50	7.50	1.5	S/D	11.8	1200	71		27	26	24	22	20	17		
3D	6 / 22	5.50	7.50	2.5	DOL	14.5	1312	78		33	30	26	24	22	15		
3D	6 / 22	5.50	7.50	1.5	S/D	14.5	1312	78		33	30	26	24	22	15		
3A	8 / 22	7.50	10.00	2.5	S/D	15.6	1352	81		40	37	34	31	29	24		
3C	9 / 22	9.30	12.50	2.5	S/D	18.5	1391	85		45	43	40	38	36	31		
4B	13 / 22	11.00	15.00	2.5	S/D	22.0	1532	95		54	52	48	44	40	34		
BPI 322	UMA H 150																
4C	14 / 23	13.00	17.50	2.5	S/D	30.0	1659	127		60	57	53	50	48	41		
5C	15 / 23	15.00	20.00	4.0	S/D	33.0	1831	136	75	71	66	63	60	51			
6C	17 / 23	18.50	25.00	4.0	S/D	42.0	2012	156	90	86	80	76	72	62			

BPI 343	UMA I 150	kW	HP	mm²		A	mm	kg	Head (m)	50	60	70	80	90	100	110	120	
2A	3 / 22	3.70	5.00	1.5	DOL	8.4	1137	67		19	17	16	14	12	9	-	-	
2B	4 / 22	4.50	6.00	2.5	DOL	10.0	1124	67		23	22	20	18	15	14	10	-	
2C	6 / 22	5.50	7.50	2.5	DOL	11.8	1159	71		24	23	22	20	18	16	13	-	
2C	6 / 22	5.50	7.50	1.5	S/D	11.8	1159	71		24	23	22	20	18	16	13	-	
2	9 / 22	9.30	12.50	2.5	S/D	18.5	1239	78		29	28	26	25	23	21	19	16	
3A	6 / 22	5.50	7.50	2.5	DOL	11.8	1272	79		28	26	24	21	18	13	-	-	
3A	6 / 22	5.50	7.50	1.5	S/D	11.8	1272	79		28	26	24	21	18	13	-	-	
3B	8 / 22	7.50	10.00	2.5	S/D	15.6	1332	82		35	32	30	27	23	21	15	-	
3D	9 / 22	9.30	12.50	2.5	S/D	18.5	1352	86		41	36	35	33	31	27	23	18	
4A	8 / 22	7.50	10.00	2.5	S/D	15.6	1445	88		37	34	32	29	24	17	-	-	
4B	9 / 22	9.30	12.50	2.5	S/D	18.5	1465	92		46	43	40	36	30	28	20	-	
4D	13 / 22	11.00	15.00	2.5	S/D	22.0	1665	117		54	48	46	44	41	36	30	24	
BPI 343	UMA H 150																	
3	14 / 23	13.00	17.50	2.5	S/D	30.0	1625	105		44	42	40	37	35	32	28	24	
4	17/ 23	18.50	25.00	4.0	S/D	42.0	1868	124		58	56	53	49	46	42	37	32	
5B	14 / 23	13.00	17.50	2.5	S/D	30.0	1851	117		58	54	50	45	38	35	25	-	
5D	15 / 23	15.00	20.00	4.0	S/D	33.0	1911	117	68	60	58	55	52	45	38	30		
6D	17 / 23	18.50	25.00	4.0	S/D	42.0	1981	131	81	72	69	66	62	54	45	36		



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UPC & BPC Series 125 mm (5") Submersible Motor Pumpsets

Applications

- Irrigation
- Drinking water supply
- Industrial water supply
- Farm House
- Pressure boosting system
- Fountains

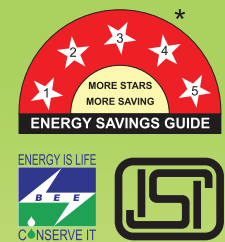
Energy Efficient Design

Special thrust bearing design

Water filled

Lower power consumption

Noiseless



Easily rewindable

High efficiency

Easy Installation & Service

Suitable for low voltage

Water lubricated bearing

Trust of German Technology



UPC & BPC Series - 125 mm (5") Submersible Motor Pumpsets

KSB is one of the most trusted brand of Submersible pump sets 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.

This highly efficient range of 125 mm submersible pump sets offers more savings and peace of mind with its feature like suitable for 150 mm borewell, low power consumption. Its sturdy body and advanced technology incur low maintenance cost and long life. 5 inch or 6 inch slim is used in the crooked / undersize 6 inch bores.

So, a golden harvest is not so far. Get KSB Submersible Pump sets and start fetching prosperity from today!

Operating Data

	Radial Flow	Mix Flow
Capacity (m ³ /hr.)	0.0 to 23.4	0.0 to 43.0
Head (m)	20 to 234	12 to 73 m
Max. Power Required (kW)	2.2 to 7.5	2.2 to 7.5
Horsepower (HP)	3.0 to 10.0	3.0 to 10.0
Starting Method	DOL / SD	DOL / SD
Power Supply	315 to 415 V	315 to 415 V
Frequency	50 Hz	50 Hz
Cable Size (Sq.mm)	1.5 to 6.0	1.5 to 6.0

Material (MoC)

Pump Part	Material
Suction Casing	CI FG 200
Stage Casing / Stage bowl	CI FG 200
Pump Shaft	SS 410
Impeller	SS 410



Selection Guide

Radial Flow Pump				
Based on well yield (lpm)	Head Range (meters)	Model	Stage	kW (HP) range
190-60	30-30	UPC 111	10.0	2.2 (3.0)
190-60	42-112	UPC 111	14.0	3.0 (4.0)
190-60	75-200	UPC 111	25.0	5.5 (7.5)
190-60	90-240	UPC 111	30.0	7.5 (10.0)
160-70	48-74	UPC 131	8.0	2.2 (3.0)
160-70	72-112	UPC 131	12.0	3.7 (5.0)
160-70	90-140	UPC 131	15.0	4.5 (6.0)
160-70	120-186	UPC 131	20.0	5.5 (7.5)
160-70	150-233	UPC 131	25.0	7.5 (10.0)
230-92	18-58	UPC 151	6.0	2.2 (3.0)
230-92	30-97	UPC 151	10.0	3.7 (5.0)
230-92	45-146	UPC 151	15.0	5.5 (7.5)
230-92	104-184	UPC 151	20.0	7.5 (10.0)
270-90	15-49	UPC 171	5.0	2.2 (3.0)
270-90	24-78	UPC 171	8.0	3.7 (5.0)
270-90	30-98	UPC 171	10.0	4.5 (6.0)
270-90	48-157	UPC 171	16.0	7.5 (10.0)
320-180	27-56	UPC 191	6.0	3.7 (5.0)
320-180	45-93	UPC 191	10.0	5.5 (7.5)
320-180	54-112	UPC 191	12.0	7.5 (10.0)
390-210	22-38	UPC 211	4.0	3.0 (4.0)
390-210	33-58	UPC 211	6.0	4.5 (6.0)
390-210	55-96	UPC 211	10.0	7.5 (10.0)

Mix Flow Pump				
Based on well yield (lpm)	Head Range (meters)	Model	Stage	kW (HP) range
666.6-300	11.0-23	BPC 241	3.0	2.2 (3.0)
666.6-300	15-31	BPC 241	4.0	3.0 (4.0)
666.6-300	19-39	BPC 241	5.0	3.7 (5.0)
666.6-300	30-62	BPC 241	8.0	5.5 (7.5)
666.6-300	38-78	BPC 241	10.0	7.5 (10.0)
716.6-350	9-24.0	BPC 251	3.0	3.0 (4.0)
716.6-350	16-39	BPC 251	5.0	4.5 (6.0)
716.6-350	19-47	BPC 251	6.0	5.5 (7.5)
716.6-350	25-63	BPC 251	8.0	7.5 (10)

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Mktg. Services / 02-21 / 2,000

UPFN

150 mm Submersible Pumpsets

Pumps with
50feet
head per stage



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

UPFN – 150 mm Submersible Pumpsets

Applications

- Sprinklers and drip irrigation
- Irrigation
- Drinking water supply
- Industrial water supply
- Farm House
- Hotels & Hospitals



Special features

- Better overall efficiency
- Lower power consumption
- High head : 50 ft / stage
- Stainless Steel investment
Cast hydraulic components
- Suitable for 400 V (+10%-15%) operation

Materials

Part Name	Material
Suction casing	Cast Iron FG 200
Discharge bearing body	Cast Iron
Valve body	Cast Iron FG 200
Stage casing	Stainless Steel (SS 304)
Impeller	Chrome Steel (SS 410)
Pump & Motor shaft	Chrome Steel
Bearing bush	Rubber
Thrust bearings	Carbon v/s Chrome Steel

Operating Range

Pump Type	Motor Power Range kW (HP)	Max. Discharge Up to (LPM)	Max. Head Up to (m)
UPFN 60	2.2 (3) - 15 (20)	225	480
UPFN 80	2.2 (3) - 18.5 (25)	290	480
UPFN 100	2.2 (3) - 22 (30)	400	480
UPFN 125	2.2 (3) - 22 (30)	480	380
UPFN 150	2.2 (3) - 22 (30)	580	320
UPFN 200	3 (4) - 22 (30)	770	240



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