



JSL INDUSTRIES LTD.

**JSL
Unibuilt® Pumps**



- Energy Efficient ● High Performance
- Most Reliable
- Complying with IS : 9079



ISO 9001 : 2015



'JSL' UNI-BUILT® PUMP

Size : 25 mm to 150 mm

Capacity : 24 lpm to 4320 lpm

Head : 3 m to 90 m

HP Rating : 0.5 HP to 25 HP

Special Features :

- ◆ Unibuilt® Pumps complies to the requirements of IS : 9079 for agricultural, Industrial, Domestic and other applications.
- ◆ Suitable for operating at high suction lift upto 6 metres.
- ◆ Non-overloading Characteristics over the entire range of operation.
- ◆ Foot-mounted motor design ensures low vibration installation.
- ◆ Unibuilt motors conform to IS:7538. They are capable of withstanding wide voltage fluctuations within +6% to -15% of 415 Volts.
- ◆ Special low voltage design pumps are available with 380V +6% to -21% is also available on all the models.
- ◆ The motors are with TEFC enclosures and insulation class 'B'
- ◆ Unibuilt® Pumps do not require base-plate. They can be easily bolted on a girder/beam directly. Alternatively, they can be grouted in a very simple concrete foundation. Once installed, the Unibuilt Pumps need very little attention.

Optional Items

- ◆ Mechanical Seal / Gland Packing in place of Spring Actuated Stuffing-Box Seal.
- ◆ Bronze Instead of cast-iron impeller.

WATER RATING CHART FOR UNIBUILT® PUMPS

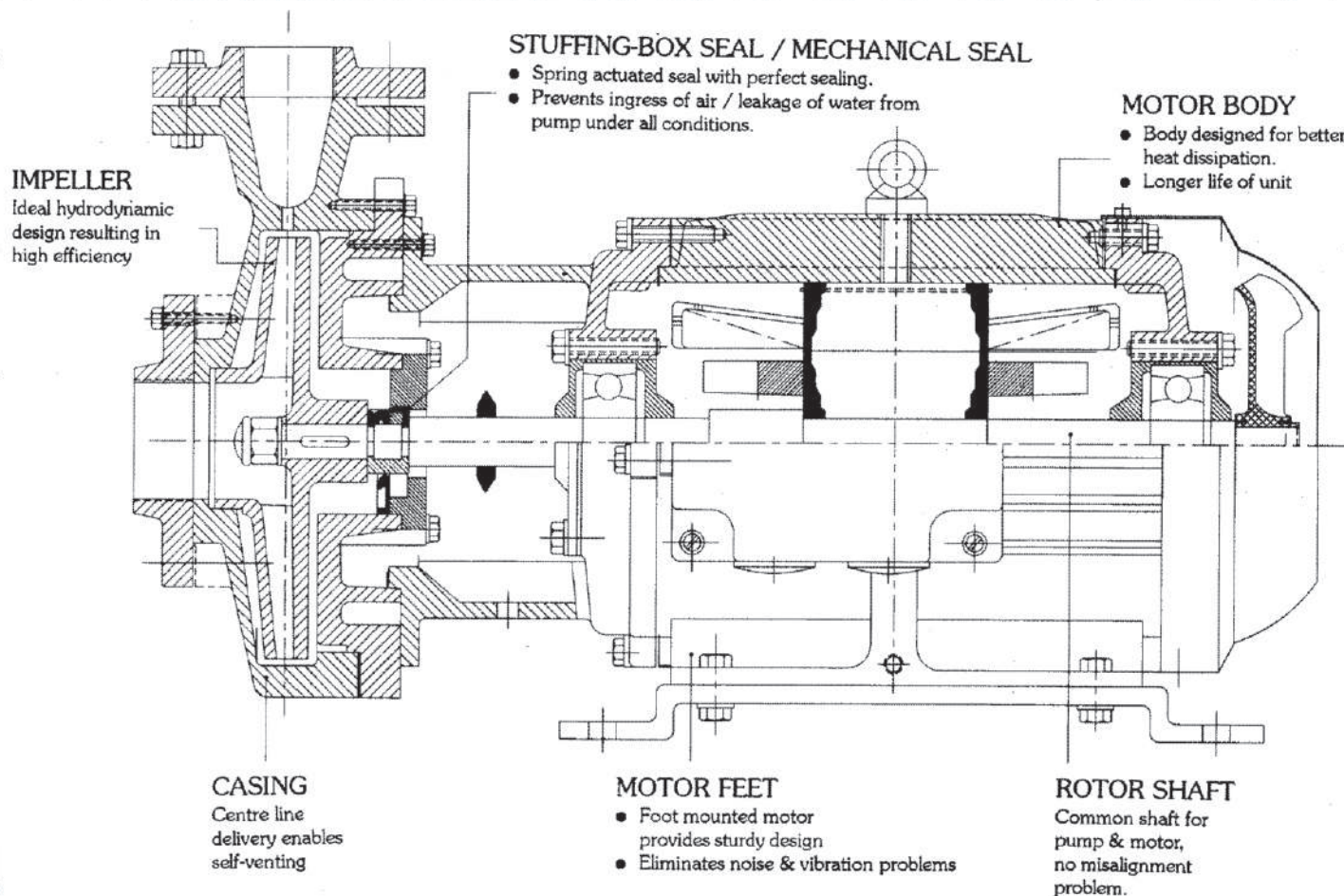
SR. NO.	PUMP TYPE	HP RATING	SIZE OF SUCTION X DELIVERY, mm	DISCHARGE IN LITRES PER MINUTE (LPM)																											
				TOTAL HEAD IN METRES																											
1	25UH60.5	0.5	32 X 25				6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
2	25UH60.75	0.75	32 X 25					97	96	95	93	90	87	82	72	67	54	40	24												
3	25UH61	1	32 X 25												132	130	128	126	114	111	108	102	96	90	78	66	54	36			
4	25UL31 (SD) #	1	25 X 25													162	150	142	133	122	110	96	78	54							
5	* 40UL61.5	1.5	40 X 40										288	276	264	249	231	216	198	180	156										
6	* 40UL62	#	40 X 40												324	321	318	310	300	282	264	252	228	204	180	150	120				
7	* 50UL62	2	50 X 50							510	498	480	462	438	420	402	372	336	298	264	228										
8	* 50UL63	#	50 X 50												564	540	825	504	480	456	432	408	372	336	288	240	198				
9	* 65UL63	#	65 X 65				840	816	780	762	720	696	672	636	612	588	552	504	468	372											
10	* 80UL63	3	80 X 80				1080	1050	1020	980	940	890	840	772	705	630	525														
11	* 65UL65	#	65 X 65												840	828	804	768	750	720	708	672	648	630	594	564	480	402			
12	* 80UL65	5	80 X 80						1308	1272	1242	1212	1176	110	1104	1056	1026	984	930	876	822	756	678	576							
13	* 80UL67	7.5	80 X 80														1284	1260	1236	1212	1182	1152	1092	1056	996	930	864	780			
14	100UL610	10	100 X 100								2280	2220	2172	2118	2064	2010	1950	1872	1800	1692	1590	1488									
TOATL HEAD IN METRES				14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38			
15	* 80UL610	10	80 X 80								1248	1246	1236	1234	1212	1188	1164	1116	1068	1032	960	912									
16	* 100UL612	12.5	100 X 100	2250	2220	2190	2130	2040	1995	1950	1860	1800	1650	1500	1350																
17	* 100UL615	15	100 X 100		2370	2340	2310	2250	2205	2160	2100	2070	2040	1980	1920	1860	1770	1680	1560												
18	100UL620	20	100 X 100										2280	2220	2190	2160	2124	2100	2040	2010	1980	1968	1908	1820	1770						
19	50UH63	3	65 X 50												402	380	360	330	300	240											
20	* 50UH65	5	65 X 50										456	453	450	444	438	432	426	414	408	396	384	366	348	318	294	246			
21	50UH75	5	65 X 50		910	880	860	820	800	760	730	700	650	610	558	505	470	400													
22	65UH67	7.5	80 X 65	990	978	960	936	930	915	900	858	840	816	792	762	720	690	636	582	516	462										
23	* 65UH610	10	80 X 65									1080	1062	1050	1038	1032	1020	1008	984	960	930	900	876	840	808	780	636				
TOTAL HEAD IN METERS				27	28	29	30	31	32	33	34	35	36	37	38	39	40	42	44	46	48	50	52	54	55	56	58	60	65		
24	40UH63	3	50 X 40	216	210	204	192	186	174	168	150	138	120	114	90	72	60														
25	40UH65	5	50 X 40	300	294	288	286	282	280	276	275	270	265	262	258	252	246	240	222	204	180	156	126	90	54						
26	* 40UH67	7.5	50 X 40							423	420	414	408	402	399	390	384	369	351	327	300	252	210	144	120	105					
27	* 40UH610	10	50 X 40				468	462	456	444	438	432	426	420	414	402	396	384	366	348	336	312	300	282	264	252	228	198	78		
28	* 50UH67	7.5	65 X 50	600	648	636	630	618	600	588	570	558	540	522	504	480	450	360	270												
29	* 50UH610	10	65 X 50									690	684	672	666	654	642	612	582	552	510	450	390	306	270	180					
30	50UHA612	12.5	65 X 50																		636	600	540	468	432						
31	50UHB612	12.5	65 X 50																							552	516	444	366	78	
32	* 65UH612	12.5	80 X 65				1200	1188	1170	1164	1140	1122	1086	1044	1020	960	900	750													
33	65UH615	15	80 X 65														1200	1188	1140	1080	1008	930	600								
34	65UH620	20	80 X 65																			1188	1140	1080	1038	996	876	792			
35	80UH615	15	100 X 80		1632	1602	1530	1500	1428	1368	1242	1200	1080	960	810																
36	80UH620	20	100 X 80				1740	1722	1710	1680	1662	1650	1620	1596	1650	1542	1524	1488	1320	1134	840										
TOTAL HEAD IN METERS				52.5	55	60	65	66	68	70	71	72	73	74	75	76	78	80	81	82	84	86	88	90							
37	50UH615	15	65 X 50							534	492	444	390	318	240																
38	50UHA620	20	65 X 50	870	840	756	666	648	600	546	498	450	394																		
39	50UHB620	20	65 X 50				798	780	750	696	678	654	624	600	570	540	450	336	270												
40	50UH625	25	65 X 50												846	834	792	756	738	708	642	558	546	330							
TOTAL HEAD IN METERS				3	4	5	6	7	8	9	9.5	10	11	12	13	13.5	14	15	16												
41	* 80UV63(E)	3	80 X 80				1170	1104	1044	968	924	888	828	750	612	564	480														
42	* 100UV63(E)	3	100 X 100			1710	1610	1472	1290	1068	870																				
43	* 100UV65(E)	5	100 X 100					2040	1941	1837	1764	1694	1580	1404	1200	1110															
44	100UV67(E)	7.5	100 X 100						2400	2300	2250	2200	2100	2000	1900	1800	1700	1450	1200												
45	125UV65(E)	5	125 X 125				2680	2460	2200	1960	1760	1600																			
46	125UV67(E)	7.5	125 X 125							2720	2610	2500	2300	2080	1860	1730	1600														
47	150UV67(E)	7.5	150 X 150	3825	3650	3475	3300	3075	2850	2550	2350	2150																			
48	150UV610(E)	10	150 X 150	4320	4260	4170	4020	3870	3690	3510	3360	3300	3120	2850	2550																

* Models with ISI Mark
Models also available with Side Discharge without ISI Mark
(E) Models with Extended Shaft at NDE Side

SPEED 2750 RPM FOR SR. NO. 1 & 2
SPEED 2800 RPM FOR SR. NO. 3 & 4

SPEED 2880 RPM FOR SR. NO. 5 to 40
SPEED 1440 RPM FOR SR. NO. 41 to 48

SCHEMATIC DIAGRAM OF UNIBUILT® PUMP



OTHER ROTATING ELECTRIC MACHINE PRODUCTS :

- TEFC Horizontal Foot Mounted Induction Motors : 0.37 kW to 315 kW
- SPDP Horizontal Foot Mounted Induction Motors : 15 kW to 370 kW (4P)
- SPDP Vertical Hollow Shaft Motors : 3.7 kW to 370 kW (4P)
- TEFC Vertical Hollow Shaft Motors : 5.5 kW to 315 kW (4P)
- TEFC & SPDP Vertical Solid Shaft Motors
- TEFC Wind Mill Induction Generators



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In Keeping with the technological strides the world is making in the engineering field, we introduce changes in the design of our products. Hence, the products as actually supplied might have features varying herefrom.