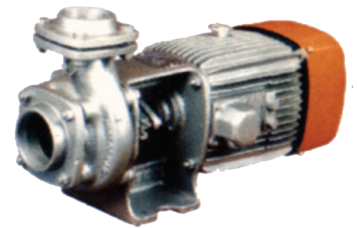


## MONOBLOCK PUMPS TYPE : KDS+ / GMC / KDT+ / KS / KOS

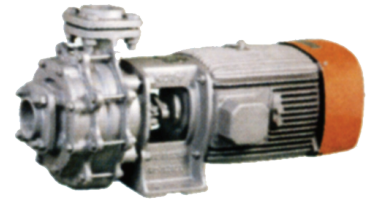
### High Speed Monoblock Pumps Type : KDS+ / GMC

Head Range : upto 76 meters  
Discharge Range : upto 49 ltrs/sec  
Power Rating : upto 22kw/30HP  
Voltage Range : 180 to 240V 1ph and 300 to 400V 3ph



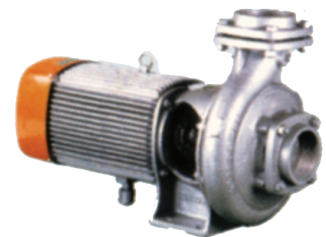
### Two Stage High Speed Monoblock Pumps Type : KDT+

Head Range : upto 110 meters  
Discharge Range : upto 20 ltrs/sec  
Power Rating : upto 15kw/20HP  
Voltage Range : 300 to 440V 3ph



### Low Speed Monoblock Pumps Type : KS

Head Range : upto 22 meters  
Discharge Range : upto 72 ltrs/sec  
Power Rating : upto 7.5kw/10HP  
Voltage Range : 300 to 440V 3ph



### Openwell Submersible Pumps Type : KOS

Head Range : upto 64 meters  
Discharge Range : upto 32 ltrs/sec  
Power Rating : upto 7.5kw/10HP  
Voltage Range : 160 to 260v 1ph and 350 to 440v 3ph



## KDS+/GMC

Approximate performance of KDS+//KS+ Series, 2/4 Pole Monobloc Pumps, at rated voltage, 50 Hz, Three Phase A.C. power Supply :

Pump Model	Power Rating		Pipe Size (mm)		TOTAL HEAD IN METERS																Rated Voltage (Volts)	
	kW	HP	SUC.	DEL.	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36		40
					DISCHARGE IN LITRES PER SECOND																	
KDS/GMC 0510	0.37	0.5	50	40	3.37	2.62	0.94															210-415
KDS/GMC 112	0.75	1.02	50	50	6.9	5.5	3.9	2.0														210-415
KDS/GMC 116++	0.75	1.02	50	40	5.35	5.0	4.3	4.2	3.62	3.0	2.0											210-415
KDS/GMC 123+	0.75	1.02	32	25			4.0	3.6	3.2	2.65	2.2	1.6	0.9									210-415
KDS/GMC 128+	0.75	1.02	25	25					1.0	1.82	1.72	1.57	1.37	1.1	0.77	0.4						210-415
KDS/GMC 134	0.75	1.02	25	25						1.66	1.59	1.5	1.38	1.24	1.06	0.87	0.66	0.4				210-415
KDS/GMC 1.514+	1.10	1.5	50	50		8.5	7.25	5.75	3.6													210-415
KDS/GMC 1.522++	1.10	1.5	25	25		6.35	5.95	5.55	5.1	4.5	3.9	3.1	1.8									210-415
KDS/GMC 1.525+	1.10	1.5	50	40	2.55	2.55	2.52	2.48	2.4	2.34	2.22	2.12	1.97	1.82	1.6	1.32						210-415
KDS/GMC 1.540	1.10	1.5	32	25									2.0	1.87	1.74	1.59	1.45	1.3	1.1	0.9	0.64	210-415
KDS/GMC 212+	1.5	2	80	80	14.1	12.4	10.5	7.5														210-415
KDS/GMC 216+	1.5	2.0	65	50		11.0	10.0	8.8	7.15	4.0												210-415
KDS/GMC 225+	1.5	2.0	50	40		5.3	5.18	4.9	4.75	4.5	4.25	3.9	3.56	3.1	2.25							210-415
KDS/GMC 235+	1.5	2.0	50	40		4.2	4.1	4.0	3.75	3.65	3.6	3.5	3.35	3.1	2.6	2.35	2.0	1.6	0.5			210-415
KDS/GMC 314+	2.2	3.0	80	80	19.1	17.8	16.2	13.8	10.4													230-415
KS 316+	2.2	3.0	65	50				13.4	11.6	9.3												415
KDS 318+	2.2	3.0	80	65		13.4	12.6	11.7	10.7	9.2	7.5											230-415
KDS 325++	2.2	3.0	65	50			9.2	8.8	8.4	7.9	7.4	7.0	6.4	5.8	4.9							415
KDS 335++	2.2	3.0	50	40				5.0	4.9	4.8	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.2	2.7	2.0		230-415
KS 513+	3.7	5.0	100	100	34.0	30.9	27.0	22.0														230-415
KDS 515+	3.7	5.0	100	100	32.8	31.0	28.0	24.2	19.0	12.9												230-400
KS 516+	3.7	5.0	80	65				23.7	20.8	17.5	13.2											415
KDS 520+	3.7	5.0	80	80	24.0	23.0	22.0	20.8	19.5	17.9	16.0	14.0	11.0									400
KDS 527++	3.7	5.0	80	65						14.3	13.5	12.5	11.6	10.3	8.7	6.4						400
KDS 538+	3.7	5.0	65	50							8.5	8.4	8.3	8.1	7.8	7.6	7.1	6.5	5.8			400
KS 810+	5.5	7.5	150	150	63.5	53.0	41.0															400
KS 817+	5.5	7.5	100	100			34.4	31.8	29.0	25.3	19.2											400
KDS 822++	5.5	7.5	100	100				27.3	25.6	24.0	22.2	20.1	17.6	14.5								400
KS 823+	5.5	7.5	100	80				27.3	25.0	22.2	18.8	14.5										400
KDS 830++	5.5	7.5	65	65						19.0	18.2	17.3	16.4	15.4	14.2	13.0	11.1					400
KDS 837	5.5	10.0	150	150										12.6	12.5	12.2	11.8	11.1	10.3	9.0		400
KS 1012+	7.5	10.0	100	100	72.5	67.0	59.5	49.5	30.0													400
KS 1022+	7.5	10.0	100	100					36.0	33.0	29.0	24.2	17.5									415
KDS 1030++	7.5	10.0	80	65				32.0	31.0	29.8	28.5	27.0	25.0	23.5	21.0	18.0						415
KDS 1040+	7.5	10.0	80	65			23.5	23.0	22.6	22.2	21.6	20.9	20.35	19.5	18.75	17.9	17.0	15.7	14.6	13.4	9.6	415
KDS 1331+	9.3	12.5	100	100							33.4	32.0	30.5	29.0	26.5	23.8	19.8	12.5				415
KDS 1537+	11.0	15.0	100	100								36.8	35.9	34.5	33.0	30.5	30.0	28.0	25.0	17.5	17	415
KDS 2030+	15.0	20.0	125	125						49.0	47.0	45.0	42.0	39.0	35.0	30.0	21.0					415

Note : KDS+ : All pumpsets except KDS-837 are ISI marked. KDS/GMC 128+ can also be offered with pipe size 40 x40, 50 x 40 mm, KDS 318++ can also be offered with pipe size 65 x 50 mm. All pump set above 2 HP can be supplied with stuffing box arrangement for mechanical seal or gland packed against the requirement. Below 2 HP except KDS 216++, KDS 225++ can be supplied with stuffing box arrangement for mechanical seal only. KDS 2030+ is supplied with stuffing box arrangement for gland packed only. KS+ : Extended shaft version is also available on request Above KS+ pumpsets can be supplied with stuffing box arrangement for gland packed or mechanical seal against the requirement. All KS+ pumps except KS 1012+ are ISI marked.

Performance applicable to liquid of specific gravity 1 and viscosity as of water.



## KDS+/KDT+

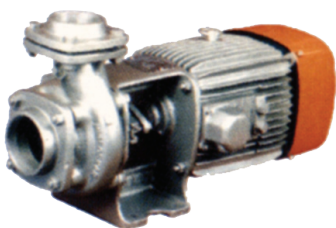
Approximate performance of KDS+/KDS+/, 2 Pole Monobloc Pumps, at rated voltage, 50 Hz, Three Phase A.C. power Supply :

Pump Model	Power Rating		Pipe Size (mm)		TOTAL HEAD IN METERS															Rated Voltage (Volts)			
	kW	HP	SUC.	DEL.	28	32	36	40	44	48	52	56	60	64	68	72	76	80	90		94	98	110
					DISCHARGE IN LITRES PER SECOND																		
KDT 544+	3.7	5.0	65	50	6.8	6.2	5.6	4.8	3.5														400
KDS 550++	3.7	5.0	50	40			4.1	3.7	3.3	2.7	2.0												230-400
KDT 568++	3.7	5.0	50	40			4.3	4.0	3.7	3.4	3.0	2.5	2.0	1.0									400
KDS 844++	5.5	7.5	65	65	10.3	9.5	8.4	7.1	4.7														400
KDT 844+	5.5	7.5	80	65	11.8	10.9	10.0	9.0	7.5														400
KDS 852++	5.5	7.5	65	50		8.6	8.1	7.5	6.8	5.9	4.5												400
KDT 864+	5.5	7.5	65	50			7.3	7.0	6.5	6.0	5.5	5.0	4.2	2.7									400
KDS 1050++	7.5	10.0	65	65	12.5	12.0	11.4	10.7	9.6	8.1	6.0												415
KDT 1050+	7.5	10	80	65	13.8	13.2	12.4	11.5	10.5	9.2	8.5												415
KDS 1065++	7.5	10.0	65	50				7.8	7.4	6.9	6.4	5.8	5.1	4.3	3.0								415
KDT 1078++	7.5	10.0	65	50			8.2	8.0	7.8	7.5	7.1	6.7	6.2	5.6	4.9	4.0	2.0						415
KDS 1348++	9.3	12.5	80	65	18.2	17.3	15.8	14.3	11.9	6.0													415
KDS 1360	9.30	13	65	50	12.2	11.9	11.7	11.0	11.0	9.6	8.8												415
KDT 1372+	9.3	12.5	65	65			11.5	11.0	10.5	9.5	9.2	9.0	7.8	7.0	6.0	5.5	2.5						415
KDT 1388+	9.3	12.5	65	50									7.5	6.9	6.5	6.2	5.8	5.4	3.8				415
KDS 1555+	11.0	15.0	80	65		19.2	18.5	17.4	16.0	14.5	12.2												415
KDS 1570+	11	15	65	50		13.0	12.7	12.5	11.7	11.5	10.7	9.7	9.0	8.0	6.5								415
KDS 1575+	11.0	15.0	65	50						8.1	7.7	7.4	6.9	6.4	5.8	4.9							415
KDT 1580+	11.0	15.0	65	65						11.2	10.5	10.1	9.5	9.0	8.3	7.8	7.1	6.2	3.2				415
KDT 1598+																7.8	7.1	6.7	5.7	5.3	4.8	1.75	415
KDS 2050+	15.0	20.0	100	80	30.4	28.8	27	25.0	22.8	19.4	2.0												415
KDT 2070+	15.0	20.0	80	65				20.0	19.0	17.8	16.5	15.1	13.9	12.0	10.0	8.0							415
KDT 2095+	15.0	20.0	65	65											12.0	11.5	10.9	10.2	8.0	7.0	5.5		415
KDS 2560+	18.7	25.0	100	80						24.5	22.0	18.6	13.0										415
KDS 3068+	22.0	30.0	100	80						28.0	26.5	24.5	21.5	17.5	10.0								415

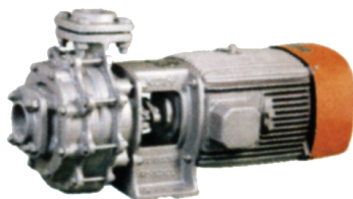
Note : KDT+: All pumpsets except KTS-568 and KDT 844+ are ISI marked.

KDS+All pumpsets except KDS -1575+ are ISI Marked, Above pumpsets can be supplied with stuffing box arrangement for gland packed or mechanical seal against the requirement.

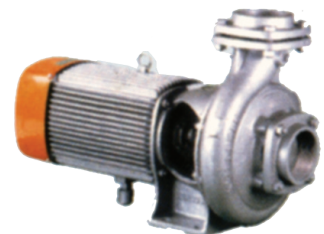
Performance applicable to liquid of specific gravity 1 and viscosity as of water.



**KDS/GMC SERIES**



**KDT SERIES**



**KS SERIES**

## Openwell Submersible Pumps Type : KOS

Head Range	:	upto 64 meters
Discharge Range	:	upto 32 ltrs/sec
Power Rating	:	upto 7.5kw/10HP
Voltage Range	:	160 to 260V 1ph and 350 to 440v 3ph



Performance under standard test conditions : Both for 'KOS M' & 'KOS N' Models

Pump Model	Power Rating		Pipe Size (mm)		Full Load Current (in amps.)	Rated Voltage (Volts)	TOTAL HEADS IN METRES																		
	kW	HP	SUC.	DEL.			8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38			
<b>DISCHARGE IN LITRES PER SECOND</b>																									
KOSM/KOSN 0516	0.37	0.5	25	25	4.8	210	1.8	1.6	1.4	1.0	0.8														
KOSM/KOSN 0827	0.56	0.75	25	25	6.6	210				1.54	1.4	1.3	1.16	1.0	1.8										
KOSM/KOSN 116	0.75	1.02	50	40	8.0	210	4.9	4.5	4.0	3.5	2.9	2.0													
KOSM/KOSN 123	0.75	1.02	32	25	8.0	210		4.0	3.6	3.2	2.65	2.2	1.6	0.9											
KOSM/KOSN 128	0.75	1.02	25	25	8.0	210			2.0	1.9	1.8	1.7	1.6	1.4	1.1	0.8	.04								
KOSM/KOSN 134	0.75	1.02	25	25	8.0	210					1.66	1.59	1.5	1.38	1.24	1.06	0.87	0.66	0.4						
KOSM/KOSN 1.522	1.1	1.48	50	40	10.0	210	6.3	5.9	5.5	5.0	4.5	3.8	3.0	1.9											
KOSM/KOSN 1.525	1.1	1.5	50	40	10.0	210					2.3	2.2	2.1	2.0	1.8	1.6	1.3								
KOSM/KOSN 1.540	1.1	1.5	32	25	10.0	210								2.0	1.92	1.8	1.62	1.5	1.32	1.1	0.9	0.6			
KOSM/KOSN 216	1.5	2.0	65	50	12.0	210	11.0	10.0	8.8	7.2	4.0														
KOSM/KOSN 225	1.5	2.0	50	40	12.0	210	5.3	5.1	5.0	4.8	4.5	4.5	4.3	4.0	3.6	3.1	2.2								

NOTE : Performance applicable to liquid of specific gravity 1 and viscosity as of water.

KOS -128 can also be offered in (50x40) and (40x40) mm Pipe Size.

KOS M 1 HP and above can be also available in three phase.

KOSM / KOSN 134 & 1.540 in with Noryl Impeller

Performance under standard test conditions

Pump Model	Power Rating		Pipe Size (mm)		Full Load Current (in amps.)	Rated Voltage (Volts)	TOTAL HEADS IN METRES																		
	kW	HP	SUC.	DEL.			6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36			
<b>DISCHARGE IN LITRES PER SECOND</b>																									
KOS 314+M	2.2	3.0	80	80	5.5	415	19.0	17.5	15.5	13.2	9.0														
KOS 318+M	2.2	3.0	65	50	5.5	415		13.2	12.3	11.4	10.4	9.1	7.4												
KOS 325+M	2.2	3.0	65	50	5.5	415			8.8	8.4	7.9	7.5	6.9	6.3	5.6	4.7	3.2								
KOS 335+M	2.2	3.0	50	40	5.5	415						4.7	4.5	4.4	4.2	4.0	3.8	3.5	3.1	2.7	2.1				
KOS 520+M	3.7	5.0	80	80	8.85	415		22.7	21.6	20.4	19.0	17.3	15.4	13.2	10.0										
KOS 527+M	3.7	5.0	80	65	8.85	415					14.9	14.2	13.5	12.6	11.6	10.3	8.8	6.4							
KOS 822+M	5.5	7.5	100	100	14.5	380			27.0	25.5	23.8	21.7	19.7	17.1	13.8										
KOS 830+M	5.5	7.5	80	65	14.5	380					18.9	18.0	17.2	16.2	15.2	14.0	12.4	10.1							
KOS 1030+M	7.5	10.0	100	100	19.5	380			32.0	31.0	29.8	28.5	27.0	25.2	23.4	20.9	17.9	13.2							
KOS 1040+M	7.5	10.0	80	65	19.5	380			21.0	20.6	20.4	20.0	19.5	19.0	18.6	18.0	17.2	16.5	15.5	14.5	13.4				
<b>TOTAL HEADS IN METRES</b>							<b>24</b>	<b>28</b>	<b>32</b>	<b>36</b>	<b>40</b>	<b>44</b>	<b>48</b>	<b>52</b>	<b>56</b>	<b>60</b>	<b>64</b>								
KOS 538+M	3.7	5.0	65	50	9.0	415		7.8	7.0	5.8	4.0														
KOS 550+M	3.7	5.0	50	40	9.0	415				4.3	3.8	3.2	2.1												
KOS 844+M	5.5	7.5	65	65	14.5	380	10.7	10.2	9.3	8.2	6.5														
KOS 852+M	5.5	7.5	65	50	14.5	380			8.4	7.9	7.2	6.5	5.6	4.2											
KOS 1050+M	7.5	10.0	65	65	19.5	380	12.8	12.4	11.9	11.3	10.5	9.4	8.0	5.8											
KOS 1065+M	7.5	10.0	65	50	19.5	380					7.3	7.1	6.7	6.3	5.8	5.2	4.3								

NOTE : Performance applicable to liquid of specific gravity 1 and viscosity as of water.

All Models are available in Metro Series with Rated Voltage as 415V

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