

# Kirloskar 'KOS+' Series Three Phase Pumps

Single Stage, High Speed, Horizontal, Centrifugal, Openwell Submersible, Monobloc Pumps with Volute Type Delivery Casing.

## Range

Head : 6-64 metres.  
Capacity : 32-2.1 litres per second  
Power Rating : 2.2KW to 11.0 KW  
(3.0 HP to 15.0 HP)

## Material of Construction

Standard Supply :  
Impeller : Cast Iron  
Delivery casing : Cast Iron  
Motor body : Cast Iron  
Shaft : Stainless Steel

## Direction of Rotation

Anticlockwise, when viewed from suction side.

## Optional Supply

Impeller : Bronze

Approximate performance of 'KOS+' Series, 2 Poole, Openwell Submersible Monobloc Pumps, at rated Voltage, 50 Hz, Three Phase A.C. Power Supply:

PUMP MODEL	POWER RATING		DISE SIZE (mm)	TOTAL HEAD IN METRES																RATED VOLTAGE (VOLTS)
	KW	HP		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
KOS-314+	2.2	3.0	80	19.0	17.5	15.5	13.2	9.0												415
KOS-318+	2.2	3.0	65	50	13.2	12.3	11.4	10.4	9.1	7.4										415
KOS-325+	2.2	3.0	65	50	8.8	8.4	7.9	7.5	6.9	6.3	5.6	4.7	3.2							415
KOS-335+	2.2	3.0	50	40	4.7	4.5	4.4	4.2	4.0	3.8	3.5	3.1	2.7	2.1						415
KOS-520+	3.7	5.0	80	80	22.7	21.6	20.4	19.0	17.3	15.4	13.2	10.0								415
KOS-527+	3.7	5.0	80	65	14.9	14.2	13.5	12.6	11.6	10.3	8.8	6.4								415
KOS-822+	5.5	7.5	100	100	27.0	25.5	23.8	21.7	19.7	17.1	13.8									380
KOS-830+	5.5	7.5	80	65	18.9	18.0	17.2	16.2	15.2	14.0	12.4	10.1								380
KOS-1030+	7.5	10.0	100	100	32.0	31.0	29.8	28.5	27.0	25.2	23.4	20.9	17.9	13.2						380
KOS-1040+	7.5	10.0	80	65	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			380
					<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+	3.7	5.0	65	50	7.8	7.0	5.8	4.0												415
KOS-550+	3.7	5.0	50	40	4.3	3.8	3.2	2.1												415
KOS-844+	5.5	7.5	65	50	10.2	9.3	8.2	6.5												380
KOS-852+	5.5	7.5	65	50	8.4	7.9	7.2	6.5	5.6	4.2										380
KOS-1050+	7.5	10.0	65	50	12.8	12.4	11.9	11.3	10.5	9.4	8.0	5.8								380
KOS-1065+	7.5	10.0	65	50	7.3	7.1	6.7	6.3	5.8	5.2	4.3									380
					<b>20</b>	<b>22</b>	<b>24</b>	<b>26</b>	<b>28</b>	<b>30</b>	<b>32</b>	<b>34</b>	<b>36</b>	<b>38</b>	<b>40</b>	<b>42</b>	<b>44</b>	<b>46</b>		
KOS-1547V <sup>*</sup>	11.0	15.0	-	65	18.7	18	17.5	17	16.5	15.7	15	14.3	13.5	12.7	11.7	10.6	9.5	7.5		

\* KOS-1547 V is for vertical installation only.

All pumps except KOS-1547V are ISI marked.

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



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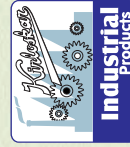
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# KOS+

Openwell Submersible Pumps

Enriching Lives



## Features

- Designed for underwater applications - No need of priming and foot valve.
  - Can also be used for out of water applications.
  - Easy installation- Foundation and installation platform or pump house not required.
  - Can withstand wide voltage fluctuations from 200-440 Volts.
  - Water shower arrangement for out of water applications.
  - Designed to prevent overloading and motor burning.
  - Dynamically balanced rotating parts to ensure minimum vibrations during running.
  - Replaceable wearing parts and hence longer life.
  - Easy maintenance and spares availability.
- Applications**
- Submerged pump in Fountains, Wells, Sumps and Water tanks.
  - Water supply for domestic use in high rise Apartments, Buildings and Hotels.
  - Gardening and sprinkler/conventional irrigation.
  - Industries, for clear water handling.