



AGRICULTURAL SUBMERSIBLE PUMPS

WASP Series

Specifications:

Power Range : 2.25 kW to 11.25 kW
(3 HP - 15 HP)
Versions : 3 Ø, 300 - 415 V,
50 Hz AC Supply
Speed : 2900 rpm
Liquid : Clear Water

Material of Construction:

Motor	Part Name	Material
	Motor body	: Stainless Steel
	Components	: Graded CI
	Stamping	: Electrical Grade Silicon Steel
	Thrust bearing	: Stainless Steel 420 / Carbon
	Shaft	: Stainless Steel 410
	Rotor	: Dynamically balanced
	Seal	: Nitrile rubber oil seal
	Winding	: Poly wrap double coated copper wire

Pump	Part Name	Material
	Pump bowl	: Graded CI
	Pump shaft	: Stainless Steel 410
	Bush bearing	: Nitril rubber / GM for sand application
	Impeller	: Stainless steel with hard chrome plating

Features

- Multi Stage Centrifugal Pump With Radial & Mixflow Impeller
- Prime Mover Motors Are Wet Type, Water Lubricated
- Easy installation & Easy Servicing
- Works On Low Voltage
- Energy efficient design
- Good Quality Components and Parts Require, less Maintenance

Performance Chart

Model No.	HP	Stage	Total head in meters	Discharge in LPM								
				00	90	120	150	180	210	240	270	
WES6WRE5008	5.0	08		87	80	77	72	66	58	49	39	
Model No.	HP	Stage	Total head in meters	Discharge in LPM								
00	120	180		240	310	350	400	430				
WES6WRJ5005	5.0	05		62	59	58	53	46	39	33	26	
WES6WRE7508	7.5	08		98	95	93	84	74	63	52	42	
Model No.	HP	Stage	Total head in meters	Discharge in LPM								
00	450	550		650	750	850	950	1050				
WES6WMP7504	7.5	04		48	39	37	35	33	30	26	20	



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SELF PRIMING PUMPS

WSPP Series

Specifications:

Power Range : 0.37 kW to 0.75 kW
(0.5 HP – 1.0 HP)
Versions : 1Ø, 180 – 240 V, 50 Hz
AC Supply
Head : 01 - 38 m
Discharge : 48 - 01 LPM
Speed : 2900 rpm
Nominal size : 25 x 25 mm
Class of Insulation : B
Type of Duty : S1

Applications:

- Domestic
- Small gardens
- Residential bungalows
- Drinking water supply
- Gardens and lawns
- Water storage tanks
- Small farms

Material of Construction:

Part Name	Material
Impeller	: Gun Metal
Delivery Casing	: Cast Iron
Shaft	: Stainless Steel
Motor Body	: Aluminum
Mechanical seal	: Carbon/Ceramic
Adaptor	: Cast Iron
Winding wire	: Super Enameled Copper
Suction Chamber	: Cast Iron

Features

- Wide range of pump models
- Uniquely designed to satisfy individual's need
- Adequate & un-obstructed self priming capacity
- Excellent hydraulic design & workmanship
- Suitable in wide voltage variation with greater performance

Performance Chart

Model No.	HP	Phase	Pipe Size (mm)	Head in Meters	2	6	9	12	15	18	21	38
WESAR0528	0.5	1	25x25	Discharge in LPM	29	33	28	24	21	17	13	
WESAR0140	1.0	1	25x25		52	44	39	37	35	30	28	12





OPENWELL SUBMERSIBLE PUMPS

WOSP Series

Specifications:

Power Range	: 0.37 kW to 0.75 kW (0.5 HP – 1.0 HP)
Versions	: 1Ø, 200 – 240 V, 50 Hz AC Supply (CSCR)
Head	: 05-30 m
Discharge	: 208 - 01 LPM
Speed	: 2880 rpm
Degree of Protection	: IP58
Nominal sizes	: 25, 32 mm
Class of Insulation	: B
Type of Duty	: S1 (Continuous)
Liquid	: Clear Water

Applications:

- Agriculture
- Drip Irrigation
- Rural Water Supply
- Domestic
- Sprinkler Irrigation
- Gardening

Material of Construction:

Part Name	Material
Pump casing	: Cast Iron / S.S
Upper Housing	: Cast Iron
Lower Housing	: Cast Iron
Stator Shell	: S.S / M.S / C.I
Shaft	: SS 410
Shaft Seal	: Nitrile Rubber
Diaphragm	: High Nitrile Butyl Rubber
Impeller	: Cast Iron / Noryl
Thrust Assembly	: S.S vs Carbon

Features

- No suction & priming problem
- Thrust bearing - Carbon vs SS low wear high efficiency
- Noiseless operation
- No need of pump housing

Performance Chart

Model No.	HP	Phase	Pipe Size (mm)	Head in Meters	05	08	12	17	20	24	30
WEOAR0520	0.5	1	25x25	Discharge in LPM	180	166	134	94	01		
WEOAR1030	1.0	1	32x25		208	170	155	140	127	95	01



100MM BOREWELL SUBMERSIBLE PUMPS

WBSP Series

Specifications:

Power Range	: 0.74 kW to 1.48 kW (1 HP - 2 HP)
Versions	: 1 Ø, 180 - 240 V, 50 Hz AC Supply 3 Ø, 350 - 440 V, 50 Hz AC Supply (For 100 mm only)
Speed	: 2880 rpm
Maximum Outer Diameter	: 72 mm and 98 mm
Available outlet sizes	: 25, 32, 38 mm
Duty	: S1
Method of Starting	: CSR
Liquid	: Clear Water , RL Oil

Applications:

- Irrigation
- Drip Irrigation
- Rural Water Supply
- Domestic
- Sprinkler Irrigation
- Gardening

Material of Construction:

Part Name	Material
Non Return Valve housing	: C.I
Outer Shell (Pipe)	: Stainless Steel
Impeller	: Noryl
Diffuser	: Noryl
Stop Ring	: SS 304
Intermediate Bearing	: SS 304 / NBR
Suction Inter Connector	: C.I
Pump Shaft	: SS 410
Coupling	: SS 410

Features

- Corrosion and abrasive resistant parts made of stainless steel
- High strength engineering polymers and special alloy materials
- Fitted with NRV in discharge outlet to prevent backflow
- Designed for optimum efficiency

Performance Chart

Model No.	HP	Stage	Delivery	Total head in meters	Discharge in LPM				
					50	55	73	91	101
WESA4R1008	1.0	8	32		46	43	39	28	23
WESA4R1010	1.0	10	32		48	45	40	30	25
WESA4R1512	1.5	12	32		57	54	48	36	30
WESA4R1515	1.5	15	32		71	68	60	45	38
WESA4R2015	2.0	15	38		96	88	64	30	20

