

EK INDUSTRIES



BRANDS

**EK BEST | EK PUMPS | SHARP PRO | ORIENT PRO
| SHARP GRAVITY**

PRODUCT CATALOGUE



SELF PRIMING PUMPS

PERFORMANCE TABLE

| MODEL | HP | DELIVERY | PERFORMANCE | | | | | | | | |
|-----------|----------|----------|-------------|----|-----|------|------|------|------|------|------|
| | | | Head (m) | 30 | 18 | 16 | 12 | 8 | 6 | 2 | 0 |
| EKSP05-01 | 0.5/0.37 | 1x1 | Head (m) | 30 | 18 | 16 | 12 | 8 | 6 | 2 | 0 |
| | | | LPH | 0 | 500 | 899 | 1181 | 1454 | 1605 | 1901 | 2300 |
| EKSP05-02 | 0.5/0.37 | 1x1 | Head (m) | 38 | 34 | 25 | 20 | 15 | 8 | 2 | 0 |
| | | | LPH | 0 | 600 | 1000 | 1200 | 1500 | 2000 | 2340 | 2400 |
| EKSP10-01 | 1/0.74 | 1x1 | Head (m) | 44 | 34 | 26 | 20 | 14 | 8 | 2 | 0 |
| | | | LPH | 0 | 859 | 1280 | 1572 | 1883 | 2173 | 2565 | 2810 |
| EKSP10-02 | 1/0.74 | 1x1 | Head (m) | 50 | 48 | 30 | 26 | 20 | 14 | 8 | 0 |
| | | | LPH | 0 | 300 | 900 | 1100 | 1500 | 1850 | 2200 | 3000 |

SALIENT FEATURES

- ❖ High quality extruded aluminium / cast iron motor body
- ❖ Double sealed precision ball bearings
- ❖ Gun Metal impeller
- ❖ Mechanical seal with high alumina seal face
- ❖ TEFC Motor for better safety
- ❖ Capacitor start and run type.
- ❖ Fitted with thermal overhead protector

APPLICATIONS

- ❖ Domestic use
- ❖ Overhead tanks
- ❖ Irrigation
- ❖ Hotels & Apartments
- ❖ Sprinkler irrigation
- ❖ High rise buildings
- ❖ Gardening
- ❖ Booster application



CENTRIFUGAL MONOBLOCK PUMPS



PERFORMANCE TABLE

| MODEL | HP | DELIVERY | HEAD (M) | | | | | | | | | | | |
|-----------|----------|----------|----------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| | | | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | |
| EKCM05-01 | 0.5/0.37 | 1x1 | LPH | 5800 | 5600 | 5400 | 4200 | | | | | | | |
| EKCM05-02 | 0.5/0.37 | 1.5x1.5 | | | | 7500 | 6500 | 6000 | 5500 | 3400 | | | | |
| EKCM05-03 | 0.5/0.37 | 1x1 | | 13000 | 10000 | 6500 | | | | | | | | |
| EKCM05-04 | 0.5/0.37 | 1x1 | | | | 6300 | 6100 | 5600 | 4000 | 1800 | | | | |
| EKCM10-01 | 1/0.75 | 1.25x1 | | 18000 | 17500 | 16500 | 12000 | | | | | | | |
| EKCM10-02 | 1/0.75 | 1.5x1.5 | | 21000 | 19500 | 17000 | 13000 | | | | | | | |
| EKCM10-03 | 1/0.75 | 1x1 | | | | 6500 | 6400 | 6300 | 6150 | 6000 | 5200 | 3800 | 2000 | 1000 |
| EKCM10-04 | 1/0.75 | 2x2 | | 22000 | 20000 | 16000 | 11000 | | | | | | | |
| EKCM15-01 | 1.5/1.1 | 2x1.5 | | | 26000 | 23500 | 18000 | 10300 | | | | | | |
| EKCM15-02 | 1.5/1.1 | 1.5/1.5 | | | 24000 | 21000 | 15000 | 8000 | | | | | | |
| EKCM15-03 | 1.5/1.1 | 1.25x1 | | | | | 9000 | 7500 | 5500 | 5500 | 3000 | 1100 | | |
| EKCM20-01 | 2.0/1.5 | 2.5x2 | | | | 31000 | 24000 | 15000 | | | | | | |

SALIENT FEATURES

- ❖ High quality extruded aluminium / cast iron motor body
- ❖ Double sealed precision ball bearings
- ❖ Noryl, Casting impeller
- ❖ Mechanical seal with high alumina seal face
- ❖ TEFC Motor for better safety
- ❖ Capacitor start and run type.
- ❖ Fitted with thermal overhead protector

APPLICATIONS

- ❖ Domestic use
- ❖ Overhead tanks
- ❖ Irrigation
- ❖ Hotels & Apartments
- ❖ Sprinkler irrigation
- ❖ High rise buildings
- ❖ Gardening
- ❖ Booster application



SUCTION PUMP – CRT MODEL



PERFORMANCE TABLE

| MODEL | HP | Delivery | Performance | | | | | | |
|------------|------------|----------|-------------|----|------|------|------|------|------|
| | | | Head (m) | 40 | 30 | 26 | 20 | 14 | 0 |
| EKCRT10-01 | 1.0 - 0.75 | 1x1 | LPH | 0 | 1070 | 1560 | 2150 | 2490 | 3200 |

SALIENT FEATURES

- ❖ High quality extruded aluminium / cast iron motor body
- ❖ Double sealed precision ball bearings
- ❖ Gun Metal impeller
- ❖ Mechanical seal with high alumina seal face
- ❖ TEFC Motor for better safety
- ❖ Capacitor start and run type.
- ❖ Fitted with thermal overhead protector

APPLICATIONS

- ❖ Domestic use
- ❖ Overhead tanks
- ❖ Irrigation
- ❖ Hotels & Apartments
- ❖ Sprinkler irrigation
- ❖ High rise buildings
- ❖ Gardening
- ❖ Booster application



SHALLOW WELL JET PUMP



PERFORMANCE TABLE

| Model | kW/HP | Pipe Size (mm) | Total Head in Meters | | | | | | | | | | | | Shut-off Head (m) |
|-------------|------------|----------------|----------------------|------|------|------|------|------|------|-----|------|------|-----|----|-------------------|
| | | | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | |
| | | | Discharge in lph | | | | | | | | | | | | |
| EKSW05-01 | 0.37 / 0.5 | 25 X 25 | 2700 | 2650 | 2580 | 2500 | 2400 | 2200 | 1500 | 680 | 300 | | | | 32 |
| EKSW05-01SS | 0.37 / 0.5 | 25 X 25 | 2700 | 2650 | 2580 | 2500 | 2400 | 2200 | 1500 | 680 | 300 | | | | 32 |
| EKSW10-01 | 0.75 / 1.0 | 25 X 25 | 2900 | 2750 | 2700 | 2650 | 2600 | 2500 | 2400 | 200 | 1500 | 1100 | 750 | | 40 |

SALIENT FEATURES

- ❖ High quality extruded aluminium / cast iron motor body
- ❖ Double sealed precision ball bearings
- ❖ Noryl impeller
- ❖ Mechanical seal with high alumina seal face
- ❖ TEFC Motor for better safety
- ❖ Capacitor start and run type.
- ❖ Fitted with thermal overhead protector

APPLICATIONS

- ❖ Domestic Water Supply
- ❖ Pressure Boosting for Residential Water Supply
- ❖ Over Head Storage Water Tank Filling
- ❖ Car Washing
- ❖ All Application requiring Self Pumping Action upto 6 Metres



CENTRIFUGAL – JET PUMP



PERFORMANCE TABLE

| Model | HP | kW | Pipe Size (mm) | Discharge in Lpm | Head in meter | | | | | | | | | |
|--------|-----|------|----------------|------------------|---------------|----|----|----|----|----|----|----|----|----|
| | | | | | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 40 |
| EKJT10 | 1 | 0.75 | 32 X 25 | | 27 | 25 | 22 | 18 | 15 | 12 | 9 | | | |
| EKJT15 | 1.5 | 1.1 | 32 X 25 | | | 26 | 26 | 23 | 20 | 17 | 14 | 11 | 10 | |

SALIENT FEATURES

- ❖ High quality extruded aluminium / cast iron motor body
- ❖ Double sealed precision ball bearings
- ❖ Aluminium / casting Metal impeller
- ❖ Mechanical seal with high alumina seal face
- ❖ TEFC Motor for better safety
- ❖ Capacitor start and run type.
- ❖ Fitted with thermal overhead protector

APPLICATIONS

- ❖ Pumping Water from Bores of Diameter 3", 4" & 4.5"
- ❖ Pumping Water from Open Wells
- ❖ Over Head Storage Water Tank Filling
- ❖ Domestic Water Supply
- ❖ Can be Safely Erected inside the Building, away from the Borewell for Better Security



OPENWELL SUBMERSIBLE PUMPS (SINGLE PHASE)



PERFORMANCE TABLE

| MODEL | HP | DELIVERY | DISCHARGE IN LPM | PERFORMANCE | | | | | | | | | | | | | |
|--------------|----------|----------|---------------------|-------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | 0 | 60 | 80 | 90 | 100 | 125 | 150 | 175 | 225 | 225 | 300 | 350 | 400 | 500 |
| EKOW05-01 | 0.5/0.37 | 1X1 | Head (M) | 24 | 22 | 12 | 12 | 9 | 8 | 6 | 3 | | | | | | |
| EKOW10-01 | 1/0.75 | 1.25X1 | | 28 | 26 | 25 | 22 | 20 | 18 | 13 | 5 | | | | | | |
| EKOW10-02 | 1/1.1 | 1.25X1 | | 32 | 30 | 26 | 25 | 21 | 20 | 17 | 14 | 8 | | | | | |
| EKOW15-01 | 1.5/1.1 | 1.5X1.25 | | 35 | 32 | | 26 | 24 | 22 | 18 | 16 | 12 | 7 | | | | |
| EKOW20-01 SS | 2/1.5 | 2X2 | | 26 | | | | | 21 | 19 | 17 | 15 | 13 | 10 | 8 | 5 | |
| EKOW20-01 CI | 2/1.5 | 2.5X2 | | 24 | | | | | 22 | | | 19 | 18 | 15 | 13 | 12 | 7 |

SALIENT FEATURES

- ❖ Openwell submersible pumps are designed for under water
- ❖ Application and therefore no need of priming and foot valve.
- ❖ Pumps are suitable for openwell or tanks where there is wide
- ❖ fluctuations in water level.

APPLICATIONS

- ❖ Domestic use
- ❖ Overhead tanks
- ❖ Hotels & Apartments
- ❖ Sprinkler irrigation
- ❖ High rise buildings
- ❖ Gardening
- ❖ Booster application



OPENWELL SUBMERSIBLE PUMPS (THREE PHASE)



PERFORMANCE TABLE

| MODEL | HP | DELIVERY | PERFORMANCE | | | | | | | |
|------------|-----|----------|-------------|----|-----|-----|-----|------|------|------|
| | | | Head | 22 | 20 | 18 | 15 | 13 | 10 | 5 |
| EKOW30-01 | 3 | 21/2x2 | LPM | 0 | 180 | 280 | 390 | 520 | 640 | 700 |
| | | | Head | 35 | 30 | 25 | 20 | 15 | 10 | 5 |
| EKOW50-01 | 5 | 21/2x2 | LPM | 0 | 300 | 540 | 660 | 780 | 860 | 940 |
| | | | Head | 31 | 28 | 25 | 20 | 15 | 10 | 5 |
| EKOW50-02 | 5 | 3x21/2 | LPM | 0 | 380 | 560 | 800 | 900 | 950 | 1150 |
| | | | Head | 46 | 42 | 40 | 35 | 30 | 20 | 15 |
| EKOW75-01 | 7.5 | 21/2x2 | LPM | 0 | 480 | 500 | 520 | 620 | 820 | 930 |
| | | | Head | 36 | 30 | 25 | 20 | 15 | 10 | 7 |
| EKOW75-02 | 7.5 | 3x21/2 | LPM | 0 | 490 | 750 | 900 | 1100 | 1300 | 1380 |
| | | | Head | 53 | 48 | 46 | 42 | 30 | 25 | 20 |
| EKOW100-01 | 10 | 3x21/2 | LPM | 0 | 250 | 440 | 690 | 850 | 900 | 940 |

SALIENT FEATURES

- ❖ Openwell submersible pumps are designed for under water
- ❖ Application and therefore no need of priming and foot valve.
- ❖ Pumps are suitable for openwell or tanks where there is wide
- ❖ fluctuations in water level.

APPLICATIONS

- ❖ Open Well Pumping for Irrigation
- ❖ River & Canal Irrigation
- ❖ Sprinkler & Drip Irrigation Systems
- ❖ Pumping from Sump for High Rise Building
- ❖ Industry & Commercial Establishments



PRESSURE MINI BOOSTER PUMP



PERFORMANCE TABLE

| Model | Power (kW/HP) | Flow in m ³ /hr | 0 | 1 | 2 | 3 | 4 | * No. of Bathrooms | * No. of Taps | Tank Capacity |
|---------|---------------|----------------------------|----|----|----|----|---|--------------------|---------------|---------------|
| EKMPB05 | 0.37/0.5 | Head in m | 25 | 20 | 15 | 10 | 5 | 1 | 3 | 1ltr |

SALIENT FEATURES

- ❖ Casing and Bracket with Brass Insert
- ❖ Cast Iron Parts with anti corrosive coating (CED)
- ❖ Stainless Steel Shaft
- ❖ AISI 410
- ❖ Built in Winding Protector

APPLICATIONS

- ❖ Domestic use
- ❖ Overhead tank
- ❖ Irrigation
- ❖ Hotels & Apartments
- ❖ Sprinkler irrigation
- ❖ High rise buildings
- ❖ Gardening
- ❖ Booster application



PRESSURE BOOSTER PUMP



PERFORMANCE TABLE

| Performance Data | | | | | | | | | | | | | |
|------------------|---------------|---------------------|-----|---------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Model | Power (kW/HP) | Pipe Size in Inches | | M ³ / hr | 0.00 | 0.00 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 8.4 | 9.6 |
| | | Suc. | Del | L/M | 0.00 | 20.00 | 40.0 | 60.0 | 80.0 | 100.0 | 120.0 | 140.0 | 160.0 |
| EKPB08 | 0.6 / 0.8 | 1" | 1" | Head (M) | 30 | 25.00 | 20.80 | 16.80 | 6.50 | | | | |
| EKPB10 | 0.75 / 1.0 | 1" | 1" | | 40 | 35.00 | 30.00 | 26.00 | 16.00 | 6.00 | | | |
| EKPB15 | 1.1 / 1.5 | 1" | 1" | | 50 | 41.00 | 37.20 | 33.20 | 29.00 | 24.00 | 18.00 | 6.00 | |
| EKPB20 | 1.5 / 2.0 | 1" | 1" | | 60 | 52.00 | 47.00 | 43.00 | 37.00 | 30.00 | 24.00 | 14.00 | 6.00 |

SALIENT FEATURES

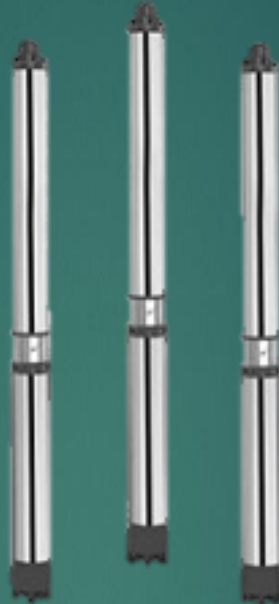
- ❖ Suction and Delivery Chamber cast Iron and anti corrosive coating
- ❖ Stainless Steel AISI 304 Impeller and Diffusers
- ❖ Stainless Steel Shaft AISI 410
- ❖ Built in Winding Protector Insulation Class F/B

APPLICATIONS

- ❖ Domestic use
- ❖ Overhead tank
- ❖ Irrigation
- ❖ Hotels & Apartments
- ❖ Sprinkler irrigation
- ❖ High rise buildings
- ❖ Gardening
- ❖ Booster application



4" SUBMERSIBLE PUMPS – 1 & 3 PHASE



PERFORMANCE CHART

PLEASE VISIT OUR WEBSITE

SALIENT FEATURES

- ❖ **Floating Impeller for better efficiency**
- ❖ **Special Design for wide voltage operations**
- ❖ **Stainless Steel motor**
- ❖ **Corrosion Resistance Motor & Pump**
- ❖ **Special Design for wide voltage operation**
- ❖ **High Operating efficiency**

APPLICATIONS

- ❖ **Pumping Water from Bores of Diameter, 4" & Above**
- ❖ **Irrigation of Agriculture including Drip & Sprinkler Systems**
- ❖ **Public Water Supply Scheme in Urban & Rural Areas**
- ❖ **Industrial Water Supply**
- ❖ **Water Supply & Boosting Application for Commercial**
- ❖ **Establishments like Hotels, Lodges & Hospitals**



6" SUBMERSIBLE PUMPS



PERFORMANCE CHART

PLEASE VISIT OUR WEBSITE

SALIENT FEATURES

- ❖ **High Discharge**
- ❖ **Dynamically Balanced Rotating parts**
- ❖ **Water Lubricated Bearings**
- ❖ **Special Design for wide voltage Operation**
- ❖ **Additional Bearing Support for Higher Stage Pumps**

APPLICATIONS

- ❖ **Pumping Water from Bores of Diameter, 6"**
- ❖ **Irrigation of Agriculture including Drip & Sprinkler Systems**
- ❖ **Public Water Supply Scheme in Urban & Rural Areas**
- ❖ **Industrial Water Supply**
- ❖ **Water Supply & Boosting Application for Commercial**
- ❖ **Establishments like Hotels, Lodges & Hospitals**



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