

॥ राष्ट्रदेवो भवः ॥



Falcon[®]
A MACHINE FOR MANKIND

Since 1994

UTEE Series

eUropean Technology Energy Efficient

Highly
Energy
Efficient

Floating
Technology

Excellent
Output in
Low
Voltage



V3 / V4
Oil Filled
Pumpset



Water Supply



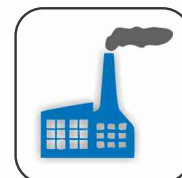
Sprinkler Irrigation



Domestic



Gardening



Industrial

Chale Pragati Ki Aur[®]

Oil Filled – World Best Technology

MOTOR & PUMP:

- ✓ Very Easy Repairing & Re-winding
- ✓ Single Phase : 0.5 HP to 3.0 HP, 140 V to 240 V, 50 Hz
- ✓ Three Phase : 1.0 HP to 7.5 HP, 300 V to 415 V, 50 Hz
- ✓ Available With Start Control Box or Digital Auto Control Box
- ✓ Pumps Are Designed By Casing Stressed
- ✓ NEMA Standards Dimension (International Standards)

OPERATING CONDITION

- ✓ Maximum Fluid Temperature : up to +35°C
- ✓ Maximum Sand Content : 0.25%
- ✓ Minimum Bore Diameter : 4" (100 mm)

20%
Electricity Saver*
+
20%
High Discharge*

MATERIAL OF CONSTRUCTION = MOTOR & PUMP

Part Name	Motor Material	Part Name	Pump Material
Mechanical Seal	: Graphite Ceramic	Check Valve Housing	: SS - 304
Motor Shaft	: SS - 420	Check Valve	: Nylon
Motor Body Pipe	: J4	Suction	: SS - 304
Diaphragm	: High Nitrile Butyl Rubber	Outer Shell	: J4
Top Housing	: SS - 304	Impeller	: Darlin (Pom)
Bottom Plate	: SS - 304	Bowl	: Noryl
Food Grade Oil	: 10 Grade	Pump Bush	: Nitrile Rubber
Bottom Housing	: SS - 304	Pump Sleeve	: SS - 420
		Pump Shaft	: SS - 452
		Coupling / Pump Couple	: SS - 430

OIL FILLED BOWLSET PERFORMANCE DATA

Range	Bowl Range	Installation Head Range in Mtr. (Uniform Output)	Discharge in Head LPM to LPM	Material Bowl & Impeller
V3 UTEE	KO - Series	2 - 3.5	80 - 35	Polycarbonate bowl + Darlin (POM) Impeller with Floating Type Bowl Set
V-4 DF	DF - Series	3 - 6	330 - 30	Noryl bowl + Darlin (Pom) Impeller With Floating Type Bowlset

* Condition Apply



V3 UTEE
KO BOWLSET



V4 DF REDIAL
FLOW BOWLSET



V4 DF JACKET
TYPE BOWLSET



V4 DF 33
MIX FLOW BOWLSET

Water Filled – Indian Technology

HP RANGE:

- ✓ Very Easy Repairing & Re-winding
- ✓ Single Phase : 0.5 HP to 5.0 HP, 160 V to 240 V, 50Hz
- ✓ Three Phase : 1.0 HP to 6.0 HP, 350 V to 415 V, 50Hz
- ✓ Available With Start Control Box or Digital Auto Control Box
- ✓ SU Type Coupling
- ✓ Best alternative for JET & Compressor pump set

MATERIAL OF CONSTRUCTION - MOTOR & PUMP

Part Name	Motor Material	Part Name	Motor Material
Oil Seal	: Nitrile Butyl Rubber	Check Valve Housing	: Cast Iron / SS - 304
Motor Shaft	: SS - 420	Check Valve	: SS - 410 / Nylon
Motor Body Pipe	: J4	Outer Shell	: J4
Motor Bush	: LTB - 4 /	Impeller	: Noryl / Darlin (POM)
Thrust Bearing assembly	: SS - 420 & Carbon	Bowl	: Noryl
Diaphragm	: High Nitrile Butyl Rubber	Counter Bush	: LTB - 4
Motor Base	: Cast Iron / SS - 304	Pump Bush	: NBR / LTB 4
Housing Set	: Cast Iron / SS - 304	Pump Sleeve	: SS - 410
		Suction	: Cast Iron / SS - 304
		Pump Shaft	: SS - 410
		Coupling / Pump Couple	: SS - 410



V3 K Bowlset



V3 KF Bowlset



V4 CI DF Bowlset



V4 Jacket Type Bowlset



DF Bowlset



DF 33 Bowlset

WATER FILLED BOWL SET PERFORMANCE DATA

Range	Bowl Range	Installation Head Range in Mtr, (Uniform output)	Discharge in Head LPM to LPM	Material Bowl & Impeller
V3 KF	K Series	1.5 - 3.4	85 - 30	Semi Virgin Bowl + Darlin (Pom) Impeller With Floating Type Bowlset
V3 Spl	K Series	1.5 - 3	70 - 15	Engineering Glass Filled Virgin Plastic Bowlset with 4 NOS. SS Neckring
V4 Slim	P Series	3 - 5	77 - 12	Engineering Glass Filled Virgin Plastic Bowlset with 4 NOS. SS Neckring
V4 Prm	CI DF Series	2 - 5	390 - 220	CED Coated CI Bowl with Darlin (Pom) Impeller With Floating Type Bowlset
V4 Prm	DF Series	3 - 6	330 - 30	Noryl bowl + Darlin (Pom) Impeller With Floating Type Bowlset



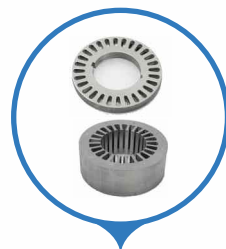
SS
Sand Guard



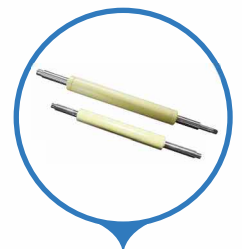
Tilting Hightech Carbon
Thrust Bearing Set



SS-304
DF Suction NRV



CRNGO
Stamping



Copper Rotor
with CED Coating

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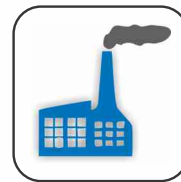
Sprinkler Irrigation



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Mfg. by :
Falcon Pumps Pvt. Ltd.

Vavdi Industrial Area, Gondal Road, NH-27, Post : Vavdi,
Rajkot - 360 004, Gujarat, (INDIA). Mo. : +91 97277 00568/9

www.falconpumps.in | info@falconpumps.in | 1800 123 0000

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