

॥ राष्ट्रदेवो भवः ॥



UTEE Series

eUropean T echnology E nergy E fficient

Highly
Energy
Efficient

Floating
Technology

Excellent
Output in
Low
Voltage



V3 / V4
Oil Filled
Pumpset



Water Supply



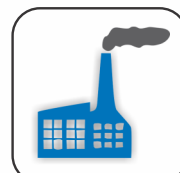
Sprinkler Irrigation



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

<u>Part Name</u>	<u>Motor Material</u>	<u>Part Name</u>	<u>Pump Material</u>
Mechanical Seal	: Graphite Ceramic	Check Valve Housing	: SS -304 / Brass
Motor Shaft	: SS-420	Check Valve	: PC
Motor Body Pipe	: SS -304	Suction	: SS -304 / Brass
Diaphragm	: High Nitrile Butyl rubber	Outer Shell	: SS-304
Top Cap	: SS-202	Impeller	: Darlin (POM)
Bottom Plate	: SS-202	Bowl	: Polycarbonate
End Cap	: SS-202	Pump Bush	: Nitrile Rubber
Food Grade Oil	: 420 Grade	Pump Sleeve	: SS-410
		Pump Shaft	: SS-410
		Coupling / Pump Couple	: SS-410

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	Polycarbonate bowl + Darlin (POM) Impeller with Floating Type Bowl Set

* Condition Apply



**V3 UTEE
KO BOWLSET**



**V4 UTEE
DO BOWLSET**



**V4 UTEE
MO 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	Pump Material
Oil Seal	: Nitrile Butyl Rubber	Check Valve Housing	: Cast iron / SS-304
Motor Shaft	: SS - 420	Check Valve	: SS-410 / Nylon / PC
Motor Body Pipe	: J4	Outer Shell	: J4
Motor Bush	: LTB-4 / Carbotech	Impeller	: Noryl / Darlin (POM)
Thrust bearing assembly	: SS - 420 & Teflon	Bowl	: Noryl / PC
Diaphragm	: High Nitrile Butyl Rubber	Counter Bush	: LTB-4
Motor Base	: Cast Iron / SS-410	Pump Bush	: NBR / LTB 4
Housing Set	: Cast Iron	Pump Sleeve	: SS-410
		Suction	: Cast iron / SS-304
		Pump Shaft	: SS-410
		Coupling / Pump Couple	: SS-410



V4 FMC Bowlset



V3 K Bowlset



DF Bowlset



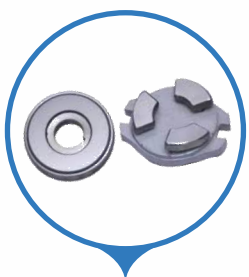
DF 33 Bowlset

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 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	FMC Series	2 - 4	450 - 160	CED Coated CI Bowl with Nylon-66 Impeller
V4 Prm	DF Series	3 - 6	330 - 30	Polycarbonate bowl + Darlin (POM) Impeller with Floating Type Bowl Set



SS
Sand Guard



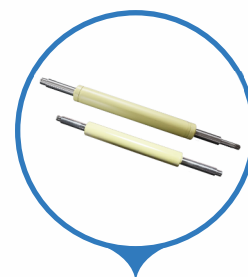
Tilting Hightech Carbon
Thrust Bearing Set



SS-304
DF Suction NRV



CRNGO
Stamping



Copper Rotor
with CED Coating

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Falcon[®]
A MACHINE FOR MANKIND

Since 1994



Motor
Designed
With Higher
Cooling
Effect

High
Operating
Efficiency

Best
Alternative
for JET &
Compressor
Pumpset

V3 / V4 Water Filled Pumpset



Water Supply



Sprinkler Irrigation



Domestic



Gardening



Industrial



ISO
9001-2015
CERTIFIED



IS : 9034
CML-3637365

Mfg. by :

Falcon Pumps Pvt. Ltd.

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