

Fluorine Plastic Centrifugal Pump



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Enterprise Profile

Dallep (Hangzhou) Fluid Control Technology Co., Ltd. owned by Depamu is a high-tech enterprise specialized in high-end centrifugal pump R&D, production and sales with fluid equipment as its main products, covering fluorine plastic centrifugal pump, chemical process pump, self-priming pump, submerged pump, magnetic pump, canned pump, reciprocating pump, supercritical fluid equipment, etc.

Through introduction of advanced technologies from Germany, the company has been devoted to research and development of fluid transfer equipment since establishment, and multiple patents take a leading place globally. The company has passed API, CE, EAC, ISO 9001, ISO 14001 and ISO 45001 certifications; at the same time, it serves as a drafter of industry standards and is awarded the National Key "Little Giant" Honor for Specialized, Sophisticated, Distinctive and Innovative SMEs.

Presently, company products have been widely applied to industries of oil & gas field exploitation, petroleum and gas refining and transportation as well as nuclear power, military, chemical, electricity, pulp & paper, pharmaceutical, food, new energy, environmental protection, water treatment, etc. Based on establishment of long-term strategic partnerships with large-scale enterprises like CNPC, SINOPEC, CNOOC, CNNC, etc., products have been exported to over 50 countries and regions. The company aims to be the most competitive fluid equipment manufacturer and service supplier in the world, and build Dallep into a time-honored global brand.



Enterprise Qualification Certificates



National Key "Little Giant" Honor for Specialized, Sophisticated, Distinctive and Innovative SMEs of the P. R. C.



Certificate of National High-tech Enterprise (P. R. C.)



CE Certificate



Certificate of the Major Equipment (1st Set) Product in Zhejiang Province



China Pump Testing Center



EAC Certificate



"Qualified Supplier of CNNC" Certificate



ISO 9001 Certificate



ISO 14001 Certificate



ISO 45001 Certificate



API Certificate



Production License for Special Equipment (Industrial Pipe Installation)



Production License for Special Equipment (Pressure Vessel Manufacture)



Production License for Special Equipment (Pressure Pipe Component Manufacture)



Invention Patent



Invention Patent

Delicacy Management

Adhering to the enterprise spirit of “innovation and progression”, Dallep has been at the forefront relying on excellent personnel, superior equipment, advanced technique, top-ranking standard, strict management and perfect service, making it the most influential key new high-tech enterprise in the industry.



Assembly Shop



Equipment Delivery



Test Platform



Digital Precision Processing



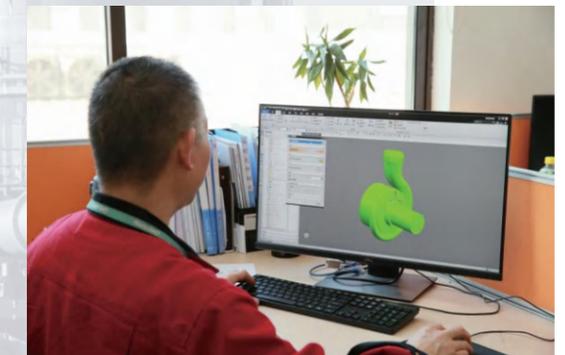
Finished Product Workshop



Careful Test



R&D Team



Product R&D



Digital Processing Equipment



Intelligence Warehouse Management

► Product Series



DLTFO High-temp
Anti-corrosion Fluorine Plastic Pump



DLTFO High-temp
Anti-corrosion Fluorine Plastic
Pump with Flushing Device



DLXFO High-temp
Anti-corrosion
Fluorine Plastic Pump



DLY Submerged Pump



DD Vertical
Multi-stage Pump



DLS Single-stage Double-suction
Horizontal Axial-split
Centrifugal Pump



DLIHF Fluorine-lining Pump



DLFOC Fluorine-lining
Magnetic Pump



DLC Magnetic Pump



DLTHF Chemical
Process Pump



DLTHF Chemical
Process Pump



DLTHF Chemical Process
Pump with Flushing Device



DLXOZ Kitchen Waste
Leachate Centrifugal Pump
(Slurry Pump)



DLZX Self-priming Pump
(Vertical)



DLZX Self-priming Pump
(Horizontal)



High-pressure Process
Diaphragm Pump



Three-plunger
Reciprocating Pump



High-pressure
Process Hose Pump



DLSOZ Horizontal
Centrifugal Pump



DLSOG Vertical
Centrifugal Pump



WQ Submerged
Sewage Pump



Super-critical CO₂
Extraction Equipment



Water Steam
Sampling System



Chemical
Dosing Package

DLTFO High-temp Anti-corrosion Centrifugal Pump

Introduction

Dallep high-temp anti-corrosion centrifugal pumps are special centrifugal pumps under professional customization based on introduction of advanced international mould pressing technologies and processing of wetted parts with polymer composite materials; with superb technologies, they're special pumps perfectly developed and made for harsh working conditions involving super-high temperature, extremely low temperature, strong corrosivity, etc.; technical requirements conform to ISO 5199 standard and pump design refers to API 610 standard.

Application

Wide application to fields like petroleum, chemical engineering, nuclear power, nuclear chemical engineering, military industry, lithium battery, new materials, chlor-alkali, electricity, metallurgy, smelting, pharmacy, paper-making, printing and dyeing, textile, food, fermentation, electroplating, pickling, environmental protection, water treatment, etc.

Characteristics

▶ **Super-high Temperature Resistance:**

Ability to stably run for a long period under a temperature between -180~220°C.

▶ **Super-strong Corrosion Resistance:**

Resistance to super-strongly corrosive fluids like strong acid, strong alkali, aqua regia, mixed acid, etc.

▶ **Unique Weather Resistance:**

Radiation resistance, low permeability, unchanged surface and performance under long-term exposure to air, and with the longest ageing life among plastics.

▶ **Good Penetration Resistance:**

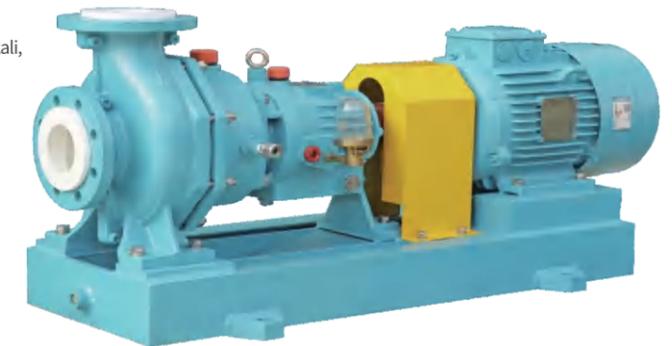
Reinforced mould pressing technique adopted, a far greater thickness than that under traditional inner-lining design, optimized and reliable casting, guarantee of consistency in mould pressing thickness, strong resistance to penetration and wearing.

▶ **Special Sealing System:**

A radical solution for shaft seal leaking in a mechanical-drive pump based on fully enclosed design without leaking or pollution.

▶ **Superior Cost-effectiveness:**

A minimum life-cycle cost, scientific nature, environmental friendliness, safety and easy maintenance.



Data

Capacity Q: 1~600 m³/h

Head H: 5~80 m

Design Temperature: -180°C~220°C

Diameter D: 25~200 mm

Model

DLTFO 50-40-160

DLFO — Code for Dallep Anti-corrosion Chemical Pump

DLFTO — Code for Dallep High-temp Anti-corrosion Centrifugal Pump

50 — Nominal Pump Inlet Size (mm)

40 — Nominal Pump Outlet Size (mm)

160 — Nominal Impeller Diameter (mm)

DLTFO Product Structure Drawing

Adoption of single or double mechanical sealing, and self-circulation or outer circulation flushing optional, providing solutions for high-temp services.

An enlarged suspended frame support prolongs pump service life based on enhanced rigidity and reduced vibration.

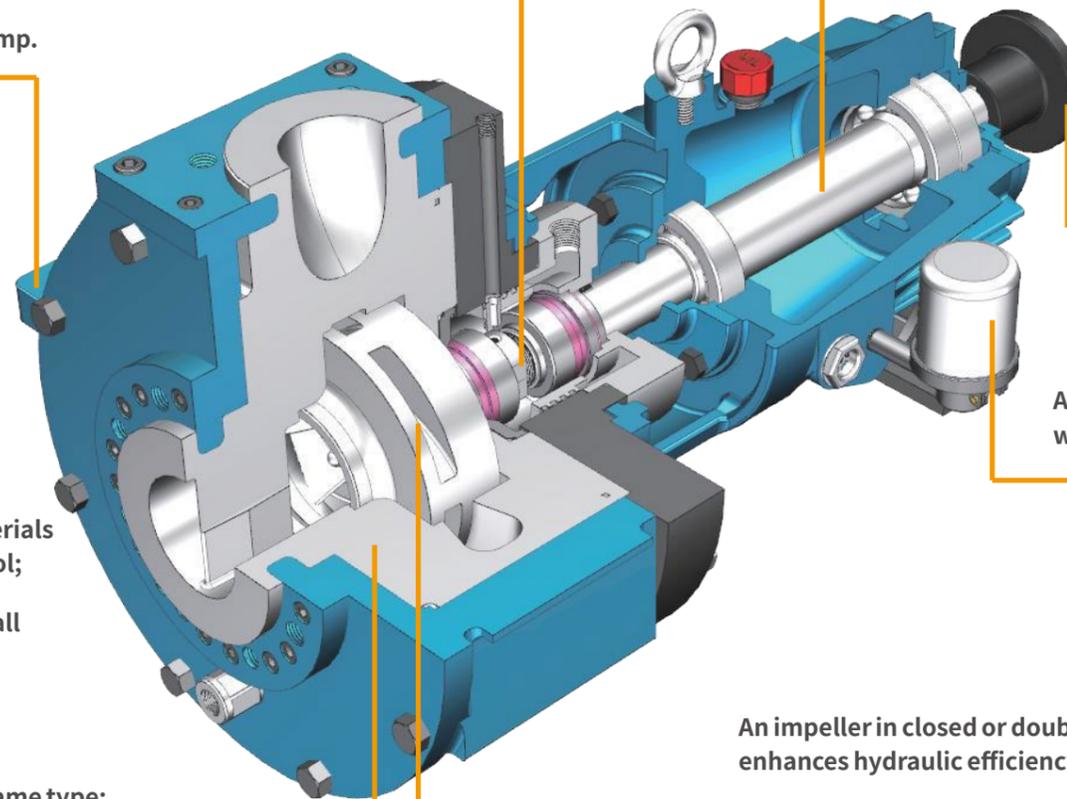
Oh2 mounting renders reliable support for pump.

A diaphragm coupling can be used which allows rotor removal without disassembly of pump body and motor, rendering convenient maintenance.

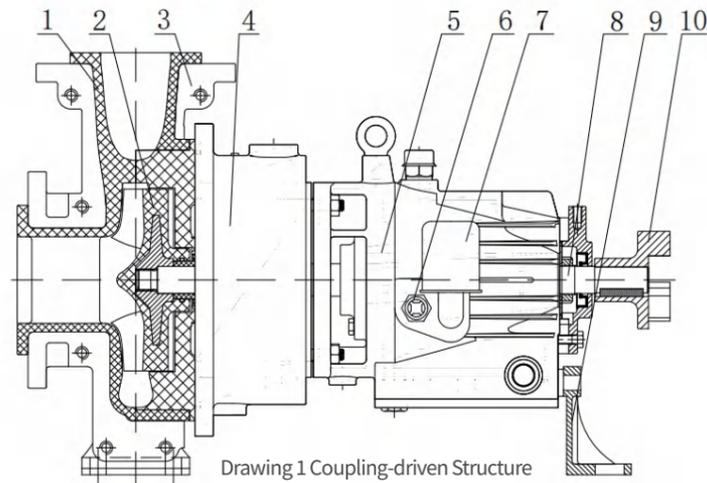
A constant level oiler realizes automatic oil makeup, which ensures simple and convenient oil filling, and easy maintenance as well.

- Pump casing made of ultrahigh molecular composite materials ensures high strength and wall thickness under free control;
- A CNN-processing volute features high precision and a small hydraulic friction coefficient;
- A volute can be processed as per actual data;
- The overall pump efficiency is higher than a pump of the same type;
- Adoption of advanced mould pressing technique realizes a thickness over 10mm and advantages like good strength, corrosion resistance, no falling, etc.

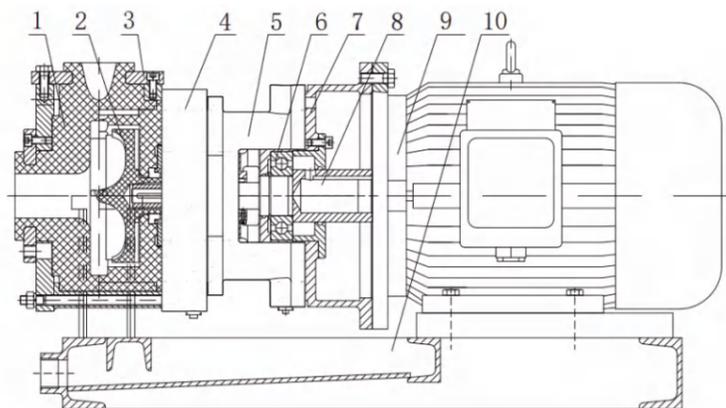
An impeller in closed or double curvature design reduces impact loss, enhances hydraulic efficiency and improves cavitation performance.



DLTFO Pump Structure



1. Pump Body 2. Impeller 3. Casing 4. Intermediate Frame 5. Suspended Frame 6. Oil Sight Glass 7. Constant Level Oiler 8. Shaft 9. Suspended Frame Support 10. Coupling



Drawing 2 Direct-coupled Structure

1. Pump Body 2. Impeller 3. Casing 4. Pump Cover 5. Intermediate Frame 6. Bearing 7. Motor Frame 8. Shaft 9. Motor 10. Baseplate

For a DLTFO pump, pump body and pump cover are split from impeller's back, i.e. the called back pull-out structure, featuring convenient maintenance; to be more specific, removal of pump body, suction pipeline or discharge pipeline is not required for maintenance, and rotor assembly can be withdrawn for maintenance after simple removal of motor or diaphragm coupling.

In coupling-driven structure, fluorine plastic part (pump body and pump cover) comprises pump's working chamber and is supported by pump casing, while impeller, shaft and roller bearing makes up pump's rotor assembly supported by suspended frame, and roller bearing is under pump radial and axial forces. In direct-coupled structure, no suspended frame exists, direct connection between rotor and motor shaft realizes simple pump construction with a few parts, a small occupied area and convenient maintenance.

To balance axial pump force, in most cases, back vanes are provided on an impeller and residual axial force are borne by the bearing.

Drive under pump connection with motor via a flexible (diaphragm) coupling or direct pump connection with motor shall be ascertained at ordering by the buyer and the supplier through negotiation.

Pump rotation is CW from the drive end.

Performance Data

No.	Model	1450 r/min			2900 r/min		
		Capacity (m ³ /h)	Head (m)	Motor Power (kw) (ρ=1000kg/m ³)	Capacity (m ³ /h)	Head (m)	Motor Power (kw) (ρ=1000kg/m ³)
1	DLTFO25-20-125	1	5	1.5	2	20	1.5
2	DLTFO25-20-160		8	1.5		32	1.5
3	DLTFO25-20-200		12.5	1.5		50	3
4	DLTFO32-25-125	2	5	1.5	4	20	1.5
5	DLTFO32-25-160		8	1.5		32	2.2
6	DLTFO32-25-200		12.5	1.5		50	3
7	DLTFO40-32-125	4	5	1.5	8	20	1.5
8	DLTFO40-32-160		8	1.5		32	2.2
9	DLTFO40-32-200		12.5	1.5		50	4
10	DLTFO40-32-250		20	1.5		80	7.5
11	DLTFO50-40-125	6.3	5	1.5	12.5	20	1.5
12	DLTFO50-40-160		8	1.5		32	3
13	DLTFO50-40-200		12.5	1.5		50	5.5
14	DLTFO50-40-250		20	1.5		80	11
15	DLTFO65-50-125	12.5	5	1.5	25	20	3
16	DLTFO65-50-160		8	1.5		32	5.5
17	DLTFO65-50-200		12.5	1.5		50	7.5
18	DLTFO65-50-250		20	2.2		80	15
19	DLTFO80-65-125	25	5	1.5	50	20	5.5
20	DLTFO80-65-160		8	1.5		32	7.5
21	DLTFO80-65-200		12.5	2.2		50	15
22	DLTFO80-65-250		20	3		80	22
23	DLTFO100-80-125	50	5	1.5	100	20	11
24	DLTFO100-80-160		8	2.2		32	15
25	DLTFO100-80-200		12.5	4		50	22
26	DLTFO100-80-250		20	5.5		80	37
27	DLTFO125-100-160	80	8	5.5	160	32	22
28	DLTFO125-100-200	100	12.5	7.5	200	50	45
29	DLTFO125-100-250		20	11		80	75
30	DLTFO150-125-200	200	12.5	15	300	50	75
31	DLTFO150-125-250		20	18.5		80	110
32	DLTFO200-200-200	400	12.5	30	600	50	132
33	DLTFO200-150-250		20	37		80	185

Notes To ensure products supplied can better satisfy service requirements, please provide the information below:

1. Capacity and head of pumped fluid;
2. Fluid name, specific gravity, viscosity, with or without particle and particle size;
3. Operating temperature, suction pressure, motor duty, IP rating and others.

DLIHF Fluorine Plastic Pump

Introduction

For a DLIHF fluorine plastic pump designed as per international standards, its wetted parts are fully lined by fluorine plastic and load-bearing parts are made of metal. Besides, it's equipped with externally-mounted bellow mechanical seal, and materials specified for the two contacting surfaces can be aluminum oxide vs. PTFE, silicon carbide vs. PTFE or hard alloy vs. hard alloy for option.

Application

Wide application to fields like petroleum, chemical engineering, nuclear power, nuclear chemical engineering, military industry, lithium battery, new materials, chlor-alkali, electricity, metallurgy, smelting, pharmacy, paper-making, printing and dyeing, textile, food, fermentation, electroplating, pickling, environmental protection, water treatment, etc.

Characteristics

▶ Temperature Resistance:

Normal operating temperature is within 95°C; beyond that, high-temperature resistance material shall be used, cooling device shall be provided and the operating temperature is 100~180°C.

▶ Wide Applicability:

Applicability to strong acid, strong alkali, alcohol, ketone, aromatic hydrocarbon, oxidized hydrocarbon, organic solvent, etc.; acid pickling and painting process; nonferrous metal electrolyte transfer; processes like chlorine water and waste water treatment, acid adding, etc.

▶ Structure with Reliable Strength:

All wetted parts are fully lined by fluorine plastic and load-bearing parts are made of metal.

▶ Convenient Maintenance:

Maintenance of a DLIHF pump is convenient and has no influence on suction and discharge pipelines based on back pull-out design.



Data

Capacity Q: 2~400 m³/h

Head H: 5~70 m

Design Temperature: -20°C~180°C

Diameter D: 25~200 mm

Model

DLIHF 80-65-160

DLIHF — Code for Dallep Fluorine Plastic Chemical Pump

F — Material Code for Fluorine Plastic

80 — Pump Inlet Size (mm)

65 — Pump Outlet Size (mm)

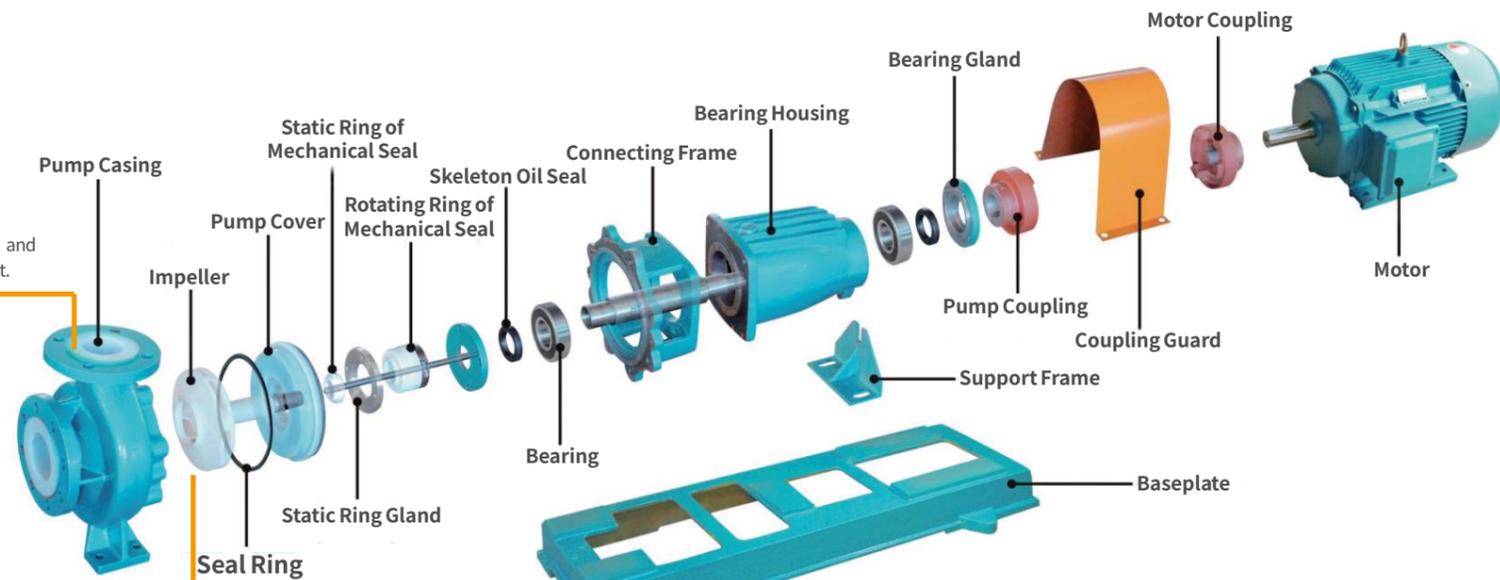
160 — Nominal Impeller Diameter (mm)

Pump Rotation

Rotation of pump rotor assembly is CW from the prime motor.

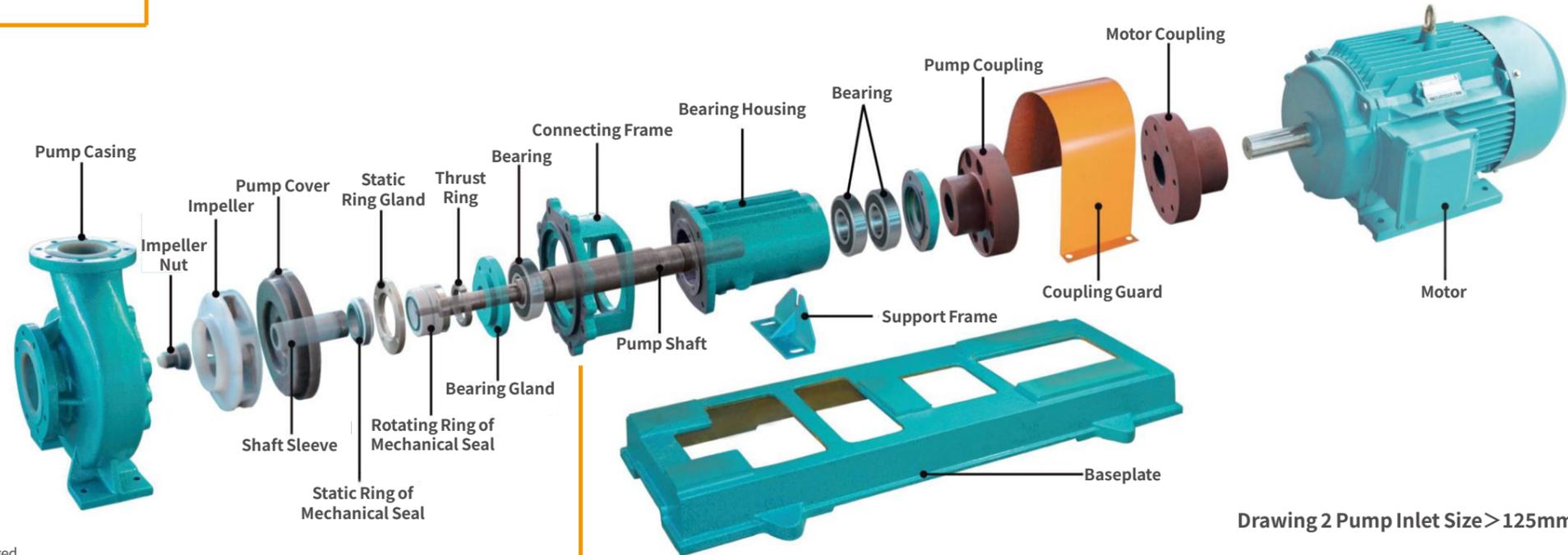
DLIHF Product Structure Drawing

Back pull-out design allows maintenance requiring no removal of suction and discharge pipelines, thus avoiding environmental pollution and cutting down cost.



Drawing 1 Pump Inlet Size ≤ 125mm

PTFE lining is provided with a skeleton; PTFE used as wetted parts material ensures pump resistance to corrosion by multiple types of fluids.



Drawing 2 Pump Inlet Size > 125mm

Spares and accessories are highly universal facilitating rapid supply; enlarged suspended frame improves load bearing capacity and extends pump service life.

Performance Data

n=2900r/min Test Medium: Clear Water@Ambient Temperature

No.	Model	Capacity (m ³ /h)	Head (m)	Efficiency (%)	NPSHr (m)	Inlet×Outlet Size (mm)	Speed (r/min)	Motor Power (kw)	Overall Weight (kg)
1	DLIHF25-20-125	1.7	20	28	3.0	25×20	2900	1.1	80
2	DLIHF25-20-160	1.7	32	29	3.0	25×20	2900	1.5	90
3	DLIHF32-25-125	3.6	20	38	3.0	32×25	2900	1.5	98
4	DLIHF32-25-160	3.6	32	39	3.0	32×25	2900	2.2	116
5	DLIHF40-25-125	6.3	20	38	3.0	40×25	2900	1.5	98
6	DLIHF40-25-160	6.3	32	31	3.0	40×25	2900	2.2	100
7	DLIHF40-25-200	6.3	50	23	3.0	40×25	2900	5.5	170
8	DLIHF40-32-250	6.3	80	24	3.0	40×32	2900	11	255
9	DLIHF50-32-125	12.5	20	52	3.2	50×32	2900	2.2	110
10	DLIHF50-32-160	12.5	32	47	3.2	50×32	2900	4	135
11	DLIHF50-32-200	12.5	50	40	3.2	50×32	2900	7.5	180
12	DLIHF50-32-250	12.5	80	34	3.0	50×32	2900	11	255
13	DLIHF65-50-125	25	20	61	3.5	65×50	2900	3	135
14	DLIHF65-50-160	25	32	56	3.5	65×50	2900	5.5	155
15	DLIHF65-40-200	25	50	51	3.5	65×40	2900	11	210
16	DLIHF65-40-250	25	80	48	3.5	65×40	2900	18.5	360
17	DLIHF80-65-125	50	20	65	4.0	80×65	2900	5.5	195
18	DLIHF80-65-160	50	32	64	4.0	80×65	2900	11	228
19	DLIHF80-50-200	50	50	63	4.0	80×50	2900	15	250
20	DLIHF80-50-250	50	80	56	4.5	80×50	2900	30	480
21	DLIHF100-80-125	100	20	65	4.5	100×80	2900	11	245
22	DLIHF100-80-160	100	32	70	3.0	100×80	2900	15	250
23	DLIHF100-65-200	100	50	68	3.0	100×65	2900	30	480
24	DLIHF100-65-250	100	80	65	3.0	100×65	2900	45	880
25	DLIHF125-100-160	160	32	68	3.0	125×100	2900	30	630
26	DLIHF125-100-200	200	50	67	3.0	125×100	2900	55	980
27	DLIHF125-100-250	200	80	62	3.0	125×100	2900	75	1100

n=1450r/min Test Medium: Clear Water@Ambient Temperature

No.	Model	Capacity (m ³ /h)	Head (m)	Efficiency (%)	NPSHr (m)	Inlet×Outlet Size (mm)	Speed (r/min)	Motor Power (kw)	Overall Weight (kg)
1	DLIHF32-25-125	1.8	5	38	3.0	32×25	1450	1.1	
2	DLIHF32-25-160	1.8	8	39	3.0	32×25	1450	1.1	
3	DLIHF40-25-160	4	8	31	3.0	40×25	1450	1.1	
4	DLIHF40-25-200	4	12	23	3.0	40×25	1450	1.1	
5	DLIHF40-32-250	4	20	24	3.0	40×32	1450	1.5	
6	DLIHF50-32-125	6.3	5	52	3.2	50×32	1450	1.1	
7	DLIHF50-32-160	6.3	8	47	3.2	50×32	1450	1.1	
8	DLIHF50-32-200	6.3	12.5	40	3.2	50×32	1450	1.1	
9	DLIHF50-32-250	6.3	20	34	3.0	50×32	1450	1.5	
10	DLIHF65-50-125	12.5	5	61	3.5	65×50	1450	1.1	
11	DLIHF65-50-160	12.5	8	56	3.5	65×50	1450	1.1	
12	DLIHF65-40-200	12.5	12.5	51	3.5	65×40	1450	1.5	
13	DLIHF65-40-250	12.5	20	48	3.5	65×40	1450	3	
14	DLIHF80-65-125	25	5	65	3.0	80×65	1450	1.1	
15	DLIHF80-65-160	25	8	64	4.0	80×65	1450	1.5	
16	DLIHF80-50-200	25	12.5	63	4.0	80×50	1450	2.2	
17	DLIHF80-50-250	25	20	56	4.5	80×50	1450	3	
18	DLIHF100-80-125	50	5	65	4.5	100×80	1450	1.5	
19	DLIHF100-80-160	50	8	70	3.0	100×80	1450	3	
20	DLIHF100-65-200	50	12.5	68	3.0	100×65	1450	5.5	
21	DLIHF100-65-250	50	20	65	3.0	100×65	1450	7.5	
22	DLIHF125-100-160	80	8	64	3.0	125×100	1450	5.5	
23	DLIHF125-100-200	100	12.5	65	3.0	125×100	1450	11	
24	DLIHF125-100-250	100	20	68	3.0	125×100	1450	15	
25	DLIHF150-125-250	200	20	65	3.0	150×125	1450	22	520
26	DLIHF150-125-315	200	32	63	3.0	150×125	1450	45	730
27	DLIHF150-125-400	200	50	62	3.0	150×125	1450	75	1200
28	DLIHF200-150-250	400	20	63	3.0	200×150	1450	55	730
29	DLIHF200-250-315	400	32	64	3.0	200×150	1450	75	1200
30	DLIHF200-150-400	400	50	62	3.0	200×150	1450	110	1450

Please consult our Technical Department for model selection.

Notes To ensure products supplied can better satisfy service requirements, please provide the information below:

1. Capacity and head of pumped fluid;
2. Fluid name, specific gravity, viscosity, with or without particle and particle size, self-priming height;
3. Operating temperature, suction pressure, motor duty, IP rating and others.

DLFOC Fluorine-lined Magnetic Drive Pump

Introduction

DLFOC pumps are designed based on traditional magnetic drive pumps and fluorine plastic pumps as per JB/T 7741, GB/T 3216 and API 685. In a DLFOC pump, rear pump cover is removed, internal rotary assembly is with single-point support instead of double-point support, so its structure is simplified and service life prolonged. Multiple types of new materials can be used in DLFOC pumps as per fluids pumped, and customizing is available for applications involving high-temp, caustic, particle, etc.

Application

Wide application to fields like petroleum, chemical engineering, nuclear power, nuclear chemical engineering, military industry, lithium battery, new materials, chlor-alkali, electricity, metallurgy, smelting, pharmacy, paper-making, printing and dyeing, textile, food, fermentation, electroplating, pickling, environmental protection, water treatment, etc.

Characteristics

▶ Temperature Resistance:

Normal operating temperature is within 95°C; beyond that, high-temp-resistance material shall be used, cooling device shall be provided and the operating temperature is 100~180°C.

▶ Wide Applicability:

Applicability to strong acid, strong alkali, alcohol, ketone, aromatic hydrocarbon, oxidized hydrocarbon, organic solvent, etc.; transfer of chlorine-alkali, chlorobenzene, formed foil as well as highly corrosive fluids in industries like acid pickling, pesticide, medicine, etc.

▶ Structure with Reliable Strength:

Mould-pressing technology is adopted for pump impeller with steel insert; pump body is made of HT200 with internal F46 lining; pump body bears partial pipeline gravity to guarantee component strength.

▶ Simplified and Reliable Structure:

In a DLFOC pump, rear pump cover is removed, internal rotary assembly is with single-point support instead of double-point support, so its structure is simplified and service life prolonged.



Data

Capacity Q: 3.6~200 m³/h

Head H: 5~70 m

Design Temperature: -20°C~180°C

Diameter D: 32~125 mm

Model

50DLFOC-32GJK

DLFOC — Code for Dallep Fluorine-lined Magnetic Drive Pump

50 — Pump Inlet Size (mm)

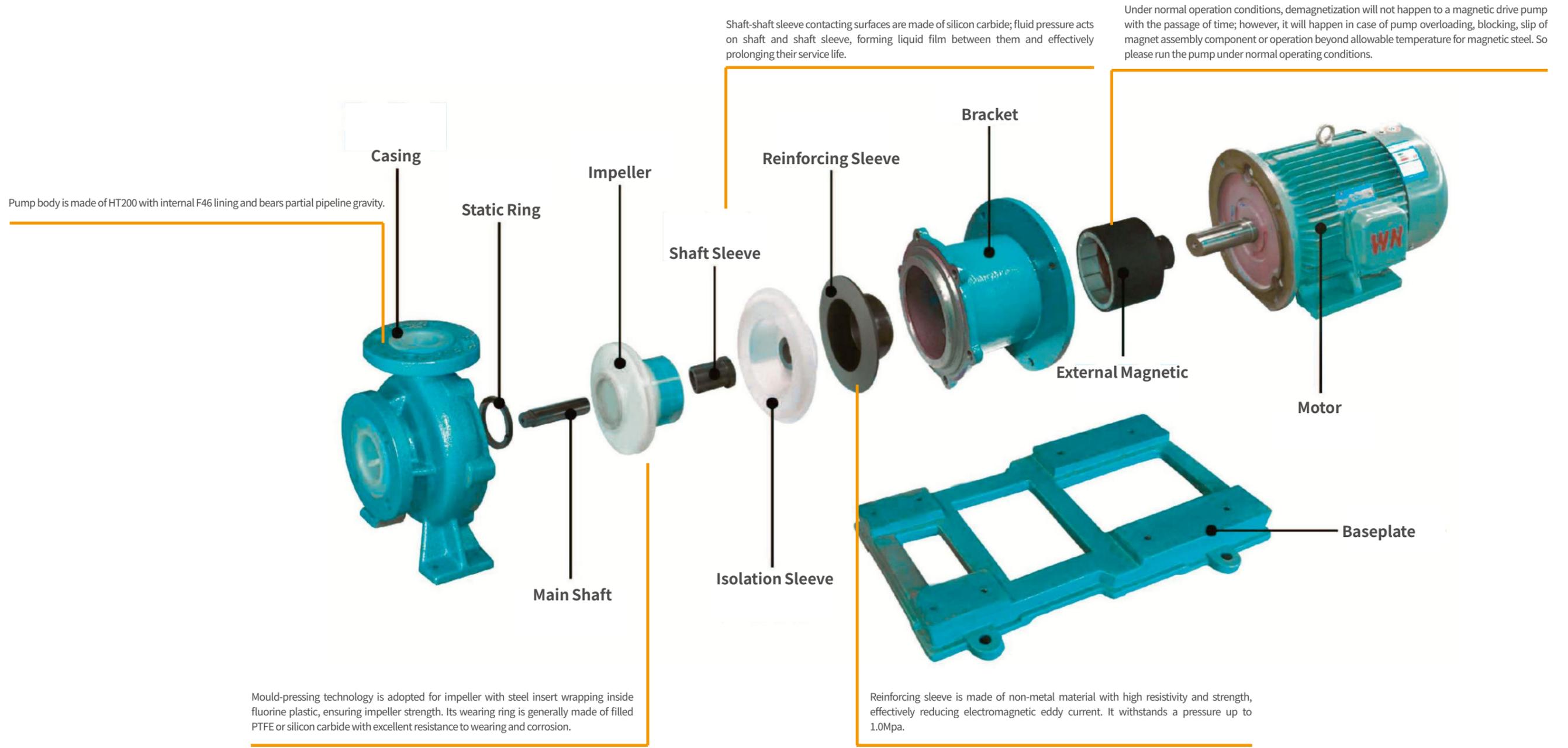
23 — Rated Pump Head (mm)

G — High-temp Code, resistance to max temperature 180°C

J — Caustic Code, caustic solution handling

K — Particle Code, handling of 10% suspended particle, uniformly dispersed suspension and emulsion

DLFOC Product Structure Drawing



DLFOC Pump Structure

Direct-coupled Type

- 1, Pump Casing
- 2, Static Ring
- 3, Rotating Ring
- 4, Impeller
- 5, Main Shaft
- 6, Shaft Sleeve
- 7, Isolation Sleeve Assembly
- 8, Coupling
- 9, Connecting Frame



Fluorine Closed Impeller

The closed impeller has curved vanes and optimized flow pass, featuring high efficiency and low NPSH. Its large-size metal core ensures dimensional stability even under a high temperature or a large capacity. Back vanes reduce axial force; thick seamless plastic inner lining protects the metal core, and locks threads to guarantee no loosening of the impeller when the pump rotates in a wrong direction or any fluid return happens.



Double Magnetic Cylinders without Eddy Current

Non-metal magnetic cylinder system will not induce any eddy current, avoiding generation of unnecessary heat, which is beneficial for efficiency and reliability improvement. Heat flow will not exist even for low-capacity pumping or fluid handling close to its boiling point. Optional monitoring device for magnetic cylinder and bearing housing can enhance security for handling of extremely hazardous fluids.



SiC Thrust Bearing

Thrust bearings in an optimized design of dry running protection play a key role in pump reliability and extended service life based on experience learnt from thousands of cases. SiC, as a base material, features strong dimensional stability and excellent resistance to corrosion and wearing.



Precision Magnetic Coupling

Multi-pole magnetic tiles, made of rare earth, in scientific distribution, always powerfully transmit forces without demagnetization; positioning of multiple-piece magnetic steel keeps magnet from being stuck; precision processing and concentric alignment avoid magnetic biasing.

Performance Data

Test Medium: Clear Water@Ambient Temperature

No.	Model	Capacity (m ³ /h)	Head (m)	Efficiency (%)	NPSHr (m)	Inlet×Outlet Size (mm)	Speed (r/min)	Motor Power (kw)
1	32DLFOC-20	3.6	20	18	3.0	32×20	2900	1.1
2	32DLFOC-32	3.6	32	20	3.0	32×20	2900	2.2
3	40DLFOC-20	6.3	20	28	3.0	40×25	2900	1.5
4	40DLFOC-32	6.3	32	26	3.0	40×25	2900	3
5	40DLFOC-50	6.3	50	30	3.0	40×25	2900	5.5
6	40DLFOC-70	6.3	70	35	3.0	40×32	2900	11
7	50DLFOC-20	12.5	20	56	3.2	50×32	2900	2.2
8	50DLFOC-32	12.5	32	46	3.2	50×32	2900	4
9	50DLFOC-50	12.5	50	43	3.2	50×32	2900	4
10	50DLFOC-70	12.5	70	36	3.2	50×32	2900	11
11	65DLFOC-20	25	20	55	3.5	65×50	2900	3
12	65DLFOC-25	18	25	57	3.5	65×50	2900	4
13	65DLFOC-32	25	32	52	3.5	65×50	2900	5.5
14	65DLFOC-50	25	50	46	3.5	65×40	2900	11
15	65DLFOC-80	25	80	47	3.5	65×40	2900	18.5
16	80DLFOC-20	50	20	45	4.5	80×65	2900	5.5
17	80DLFOC-32	50	32	48	4.5	80×65	2900	11
18	80DLFOC-50	50	50	56	4.5	80×50	2900	15
19	80DLFOC-80	50	80	53	4.5	80×50	2900	30
20	100DLFOC-20	100	20	54	5	100×80	2900	15
21	100DLFOC-32	100	32	56	5	100×80	2900	18.5
22	100DLFOC-40	100	40	51	5	100×80	2900	30
23	125DLFOC-15	170	15	37	5.5	125×100	2900	22
24	125DLFOC-20	170	20	38	5.5	125×100	2900	30
25	125DLFOC-30	190	30	45	5.5	125×100	2900	37
26	125DLFOC-40	200	40	57	5.5	125×100	2900	45
27	125DLFOC-50	200	50	60	5.5	125×100	2900	55

Please consult our Technical Department for model selection.

Introduction to Internal Structural Parts

Sealing System:

Advanced rotating and static rings made of pressureless sintered silicon carbide feature excellent strength and wearing resistance.



Reliable Cartridge Mechanical Seal:

Different mechanical seals shall be chosen for different fluids handled; API 682 flushing plans are adopted.



Bearing from World-known Brand:

In addition to stable and reliable operation, bearings show high precision for a long service life.



Customized Special Quality Products:

Under special technique, pumps with a thickness $\geq 10\text{mm}$ feature good corrosion resistance without falling, high strength, strong wearing resistance and durability.



High-efficiency Wetted Parts:

An impeller, closed or open, under CNN processing, has a higher efficiency than a traditional one; besides, an auxiliary impeller or rear seal ring is mounted for axial force balancing, sealed chamber pressure lowering and mechanical seal service life extending; fully-machined internal casing shows high precision and efficiency.



Application Fields

Depamu provides professional service for multiple key and high-end fields.



PetroChina

PetroChina Daqing Petrochemical Company
 PetroChina Daging Refining Chemical Company
 PetroChina Lanzhou Petrochemical Company
 PetroChina Dushanzi Petrochemical Company
 PetroChina Urumqi Petrochemical Company
 PetroChina Karamay Petrochemical Company
 PetroChina Fushun Petrochemical Company
 PetroChina Liaohu Petrochemical Company
 PetroChina Qingyang Petrochemical Company
 PetroChina Liaoyang Petrochemical Company
 PetroChina Sichuan Petrochemical Company Limited
 PetroChina North China Petrochemical Company
 Golmud Refinery of Qinghai Oilfield
 PetroChina Harbin Petrochemical Company
 PetroChina Jinxi Petrochemical Company
 PetroChina Dalian Petrochemical Company
 ...



PetroChina Oil & Gas Fields

Daqing Oilfield Material Company
 PetroChina Changqing Oilfield Company
 PetroChina Jilin Oilfield Company
 PetroChina Tarim Oilfield Company
 PetroChina Qinghai Oilfield Company
 PetroChina Yumen Oilfield Company
 PetroChina Zheijiang Oilfield Company
 ...



Sinopec

Sinopec Zhenhai Refining & Chemical Company
 Sinopec Shanghai Petrochemical Company Limited
 Sinopec Shanghai Gaoqiao Company
 Sinopec Qilu Company
 Sinopec Tianjin Company
 Sinopec Yangzi Petrochemical Company Limited
 Sinopec Jiuijiang Company
 Sinopec North China Company
 Sinopec Wuhan Company
 Sinopec Changling Company
 Sinopec Baling Company
 Sinopec Jinmen Company
 Sinopec Zhanjiang Dongxing Petrochemical Company Limited
 Sinopec Hainan Refining & Chemical Company Limited
 Sinopec Tahe Refining & Chemical Company Limited
 Sinopec Beihai Company
 Sinopec Anqing Company
 Sinopec Wuhan Company
 Sinopec Jinling Company
 ...



Sinopec Oil & Gas Fields:

Sinopec Shengli Oilfield Company
 Sinopec Southwest Petroleum & Natural Gas Company
 Sinopec North China Petroleum Bureau
 Sinopec Northeast Petroleum Bureau
 Sinopec Zhongyuan Oilfield Company
 Sinopec Henan Oilfield Company
 ...



CNOOC

CNOOC Huizhou Oil Refining Project
 CNOOC Zhoushan Petrochemical Ltd.
 CNOOC (Taizhou) Petrochemical Ltd.
 Shandong Binzhou BEFAR Group
 CNOOC Zhanjiang Fuel Oil Co., Ltd.
 CNOOC New Energy (Hainan) Biological Energy Chemical Co., Ltd.
 CNOOC Huahe Coal Chemical Co., Ltd.
 CNOOC Tianye Petrochemical Ltd.
 CNOOC Energy Technology & Services Limited,
 Oil Production Technical Service Branch
 ...



Chemical and Coal Chemical Industry

Zhejiang Petroleum & Chemical Co., Ltd.
 China National Chemical Corporation
 Shenhua Mengxi Huarui Chemical Co., Ltd.
 Shenhua Ningxia Coal Industry Group Co., Ltd.
 Zhongtian Hechuang Energy Co., Ltd.
 Wanhua Polyurethane Co., Ltd.
 Yunnan Yuntianhua Co., Ltd.
 Guizhou Chitianhua Group Co., Ltd.
 China National Bluestar (Group) Co., Ltd.
 Shanxi Sanwei Group Co., Ltd.
 Shandong Hualu Hengsheng Chemical Co., Ltd.
 China Pingmei Shenma Group
 Shanxi Weilai Energy Chemical Co., Ltd.
 ...



Nuclear Power, Military and Fluorine Chemical Industry

Arkema (Changshu) Fluorine Chemicals Co., Ltd.
 Do-Fluoride Chemicals Co., Ltd.
 The 404 Company Limited, China National Nuclear Corporation
 Jiangsu Meilan Chemical Group
 Zhejiang Quhua Chemical Group
 Shandong Dongyue Chemical Group
 Changshu 3F Fluorochemical Industry Co., Ltd.
 China National Chemical Corporation Ltd.
 Qinshan Nuclear Power Station
 China Nuclear Industry Fifth Construction Co., Ltd.
 ...



Iron and Steel Industry

Wuhan Iron & Steel Co., Ltd.
 Jilin Tongang Group
 Jinan Iron & Steel Group
 Laiwu Iron & Steel Group
 Shougang Group
 Shagang Group
 Kungang Group
 ...



Electricity and Environmental Protection Industry

Huadian Water Engineering Co., Ltd.
 China Huaneng Group Co., Ltd.
 Dongfeng Motor Corporation, Thermal Power Plant
 Linyi City Yangguang Heating Power Co., Ltd.
 Shandong Luneng Electric Power Co., Ltd.
 Dalian Thermal Power Company
 Shaoguan Pingshi Power Generation Plant
 Ningbo Zhenhai Thermal Power Plant
 Changsha Waste Water Treatment Plant
 Xi' an Waste Water Treatment Plant
 Jiaying Waste Water Treatment Plant
 Jiangsu Yihuan Group Co., Ltd.
 Guang' an Power Plant
 Datang Environment Industry Group Co., Ltd.
 Everbright Environmental Protection Technical Equipment (Changzhou) Limited
 Cscec Scimee Sci. & Tech. Co., Ltd.
 ...



Design Institutes and University Science Research Institutions

China Huanqiu Contracting & Engineering Co., Ltd.
 Sinopec Engineering Incorporation (SEI)
 Sinopec Luoyang Petrochemical Engineering Corporation Ltd.
 China Chengda Engineering Co., Ltd.
 Hualu Engineering & Technology Co., Ltd.
 Sinopec Ningbo Petrochemical Engineering Co., Ltd.
 China Wuhuan Engineering Co., Ltd.
 China Petroleum First Construction Corporation
 China Petroleum Engineering & Construction Corporation, Huadong Design Branch
 Zhejiang University
 Xi' an Jiaotong University
 Southeast University
 China Jiliang University
 Zhejiang Sci-Tech University
 ...



Food and Pharmacy Industry Mining, Metallurgy and Energy Industry

Hangzhou Wahaha Group Co., Ltd.
 China Resources Snowflake Brewery Co., Ltd.
 Guangzhou Zhujiang Brewery Group Co., Ltd.
 Northeast Pharm Group Co., Ltd.
 Zhejiang NHU Company Ltd.
 Fujian South Pharmaceutical Co., Ltd.
 Wufangzhai Group
 Zhejiang Medicine Co., Ltd., Changhai Biological Company
 ...
 China ENFI Engineering Co., Ltd.
 Zhejiang Huayou Chemical Co., Ltd.
 GEM Co., Ltd.
 Shanshan Energy (Ningxia) Co., Ltd.
 Fujian Ningde Xinshidai New Energy Co., Ltd.
 Shangluo BYD Industry Co., Ltd.
 Qinghai Juzhiyuan New Material Co., Ltd.
 Do-fluoride Chemicals Co., Ltd.
 Jinchuan Group Co., Ltd.
 Guangzhou Tinci Materials Technology Co., Ltd.
 ...



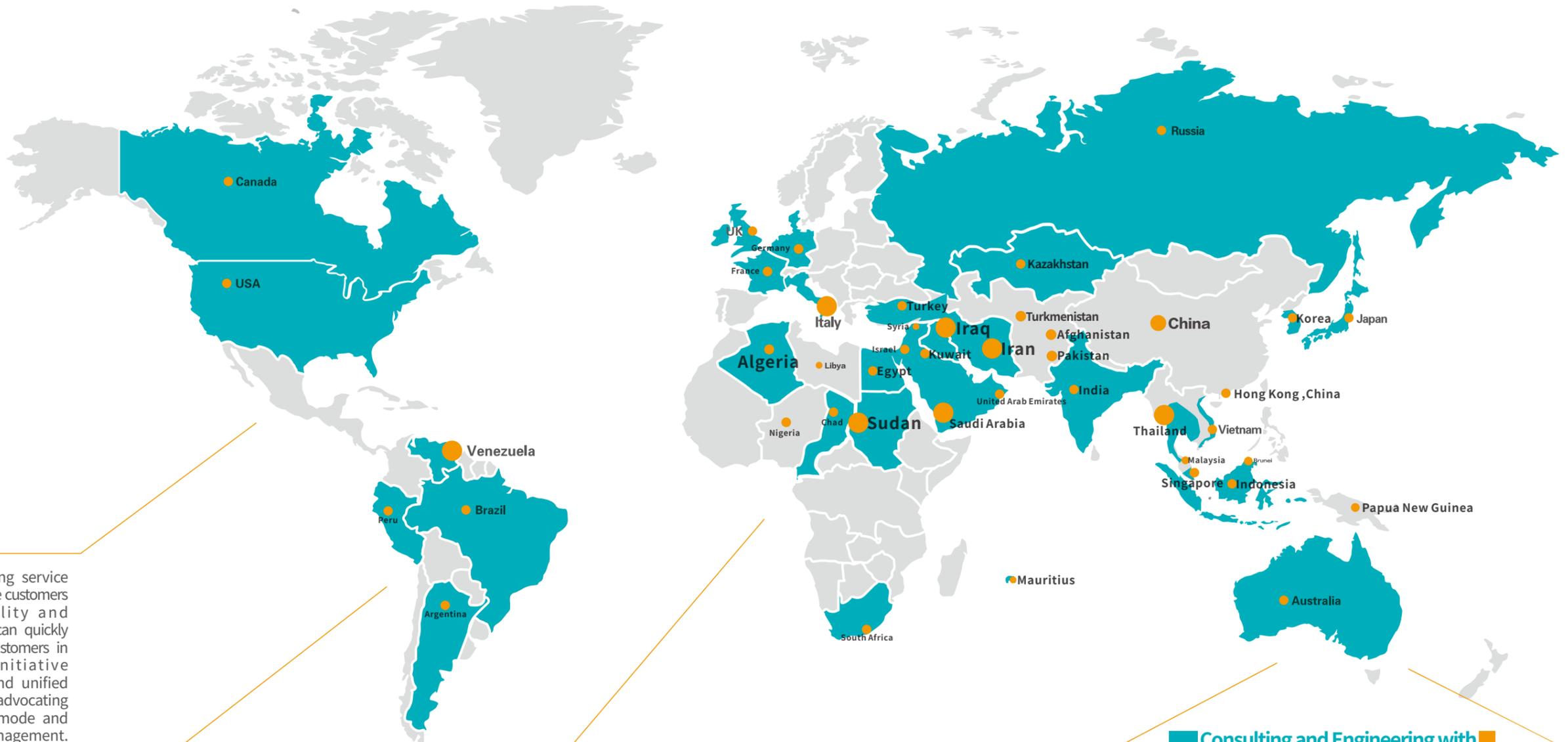
Export

CNPC (Turkmenistan) Amu Darya River Gas Company
 (SSKOC) Syria Kaukab Oil Company
 Open Joint Stock Company
 400,000t/a Bleached Kraft Pulp Plant Project in Svetlogorsk, Belarus
 Hong Kong Sha Tin Water Supplies Department
 Venezuela Bisilliat Combined Cycle Power Plant Project
 100*108m3/a Commodity Gas Construction Project, South Yolotan, Turkmenistan
 Afghanistan Kashkari Oilfield Exploitation
 Iraq Missan Water and Oil Waste Water Treatment Project
 Sudan Area 37
 Indian Oilfield
 Lordegan Urea Fertilizer Project, Iran
 Mis Fertilizer Project, Iran
 ...

Clients



Global Service System



Sales Network

The professional engineering service teams of the company can provide customers with whole-process quality and efficient service. The company can quickly meet demands of multi-level customers in multiple fields through initiative construction of an efficient and unified global sales service network, advocating of a global localization sales mode and implementation of brand management. Due to supply of value-added service, the company is highly praised by its customers.

Customer Orientation

The company has built a global technical service network sincerely offering pre-sales and after-sales service.

Integrated Service

- Vibration Analysis
- Medium Assessment
- Site Commissioning
- System Testing
- Service and Repairing Contract
- Global Service
- Diagnosis of Change in Operation Conditions
- Extension and Modification of Running Pump and System

Solution for Extensible System

- Pump Instrument
- Flow Adjustment via Frequency Converter
- Operation Interface for Guidance System
- Electronic Control of System Monitoring Online and Offline

Consulting and Engineering with Special Requirements

Conilowa products are widely applied all over the world, which brings lots of experience where the company can learn and benefit. As a supplier of solutions and systems for liquid transfer, metering and mixed application, we can provide personalized solutions from the smallest independent unit to the biggest multi-link installation; at the same time, we can provide technical engineering consulting service for complex processes as well as solutions meeting the needs of special processes.

- Fluid Evaluation
- Independent Design Concept
- Cost Calculation for Installation Project
- Commissioning and Service
- Seminars and Site Training