

## ABOUT US

Located in Guangzhou Science town, Tokheim Hengshan Technology (Guangzhou) Co., Ltd is the leading enterprise in domestic fuel-servicing equipment industry with a registered capital of more than 100 million RMB. It used to be the Guangzhou Hengshan Ltd, Co. who produced the first micro-control fuel dispenser in 1989. In 2005, with the cooperation with Tokheim Group(France), a joint venture company Tokheim Hengshan Technologies Co.,Ltd was formed. In the wake of increasing R&D capability and comprehensive strength, Tokheim Hengshan became the first vendor and service supplier of fuel dispenser in China.

The company's products include various fuel dispensers, payment devices, Vapor recovery and on-line monitoring system, station management system, Adblue dispenser etc. The sales and service network of the company cover China mainland as well as Taiwan and Hongkong. Tokheim Hengshan is the key supplier of PetroChina, Sinopec, TOTAL, SHELL, PetroChina BP, private petroleum group and social private gas station. The company is also the international production base of DOVER, and the products have been distributed to Southeast Asia, Europe etc.

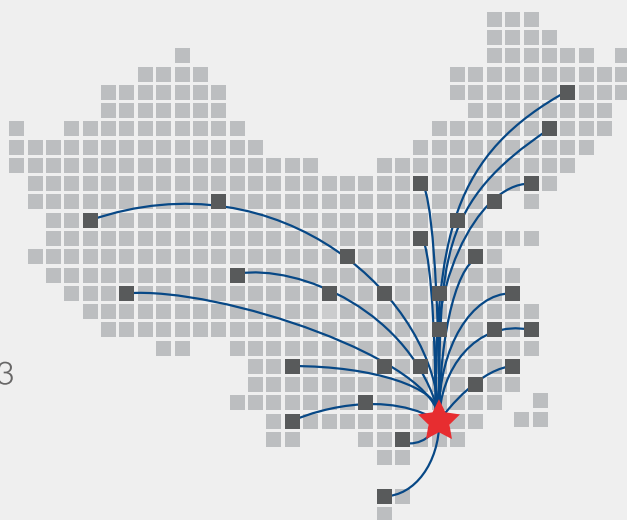
## CONTACTS US

TEL: +86-20-82086053

FAX: 020-82086893

Address: 66 Nanxiang Yi Lu, Science Town  
of Guangzhou, P.R. China, 510663

Website: <http://www.tokheim.com.cn>



## More info



Website

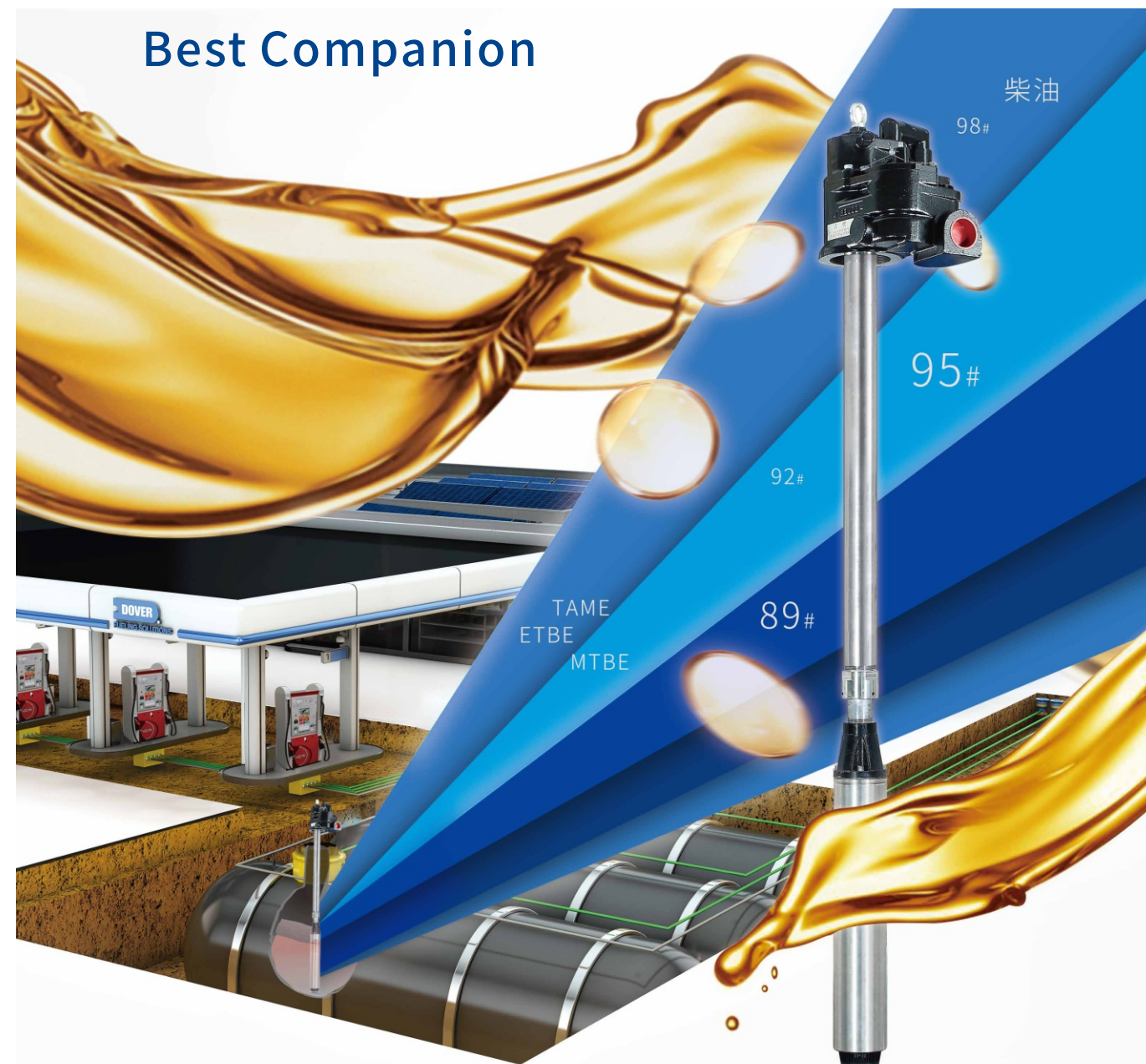


WeChat

Enjoy Fueling, Enjoy Life

## Tokheim Hengshan DOVER submersible pump

### Best Companion



Enjoy Fueling, Enjoy Life

DOVER submersible pump—Convenient installation, dual-seal, safe and secure

Scope

- Applicable medium: Standard gasoline, diesel, methanol gasoline (M15) or Ethanol gasoline (E15), and mixture of gasoline and 20% of TAME, ETBE or MTBE.
- The maximum viscosity of product is 70SSU when it's 15°C, and the oil density is less than 0.95g/cm³.
- Temperature: -20°C~ +40°C

Features

- Easy installation and maintenance. The pump body can be draw out from the pump head directly.
- The large caliber check valve is applied for the inlet which can minimize the loss of high flow pressure. The refueling speed is 5%-10% higher than the similar competitive brand.
- Double sealing design provides higher reliability.
- Thermal protection can prevent the motor from being overheated.

Certifications

- CNEX and ATEX certificate
- EX mark: Ex s IIB T4 Gb + Ex d IIB T4



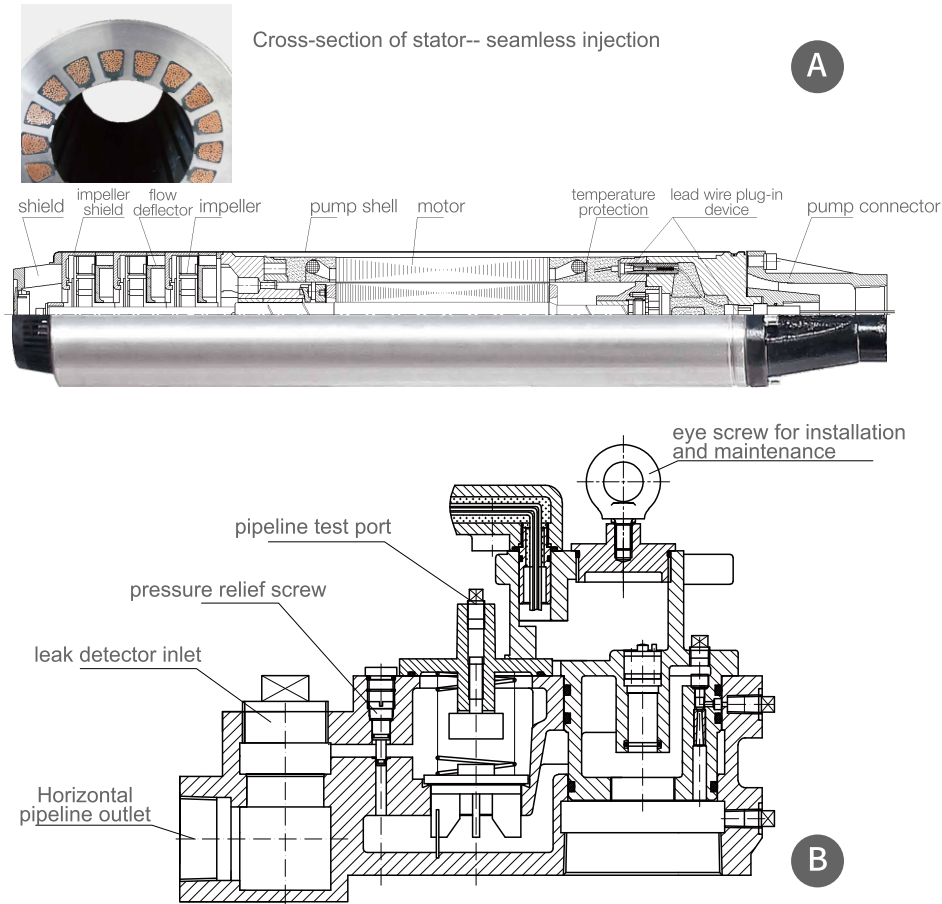
Product structure

A.Pump body layout

- Stainless anti-corrosion shield
- Seamless injection technology
- Small electric current with high revolution can reduce 3%-10% of the energy consumption
- Super strong suction power

B.Pump head layout

- Reserved test port (NPT ¼"), manual pressure relief structure and leak detector inlet (NPT 2").
- Horizontal outlet (NPT 2") provides convenient connection of the pipeline at gas station.
- Optimal oil channel gives low pressure loss.

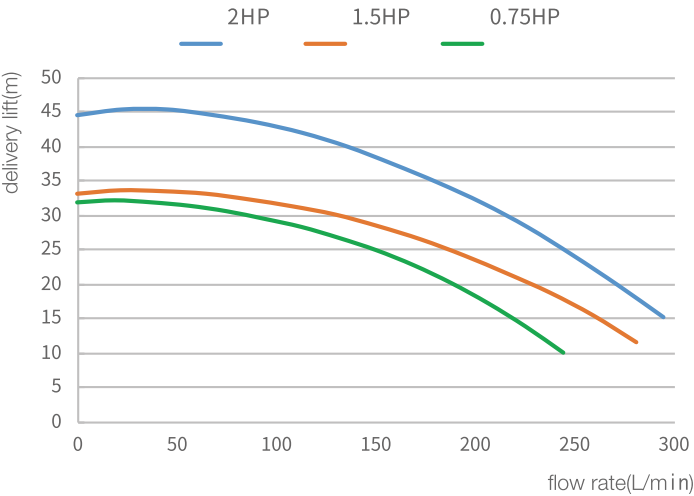


Test data for 1.5HP submersible pump

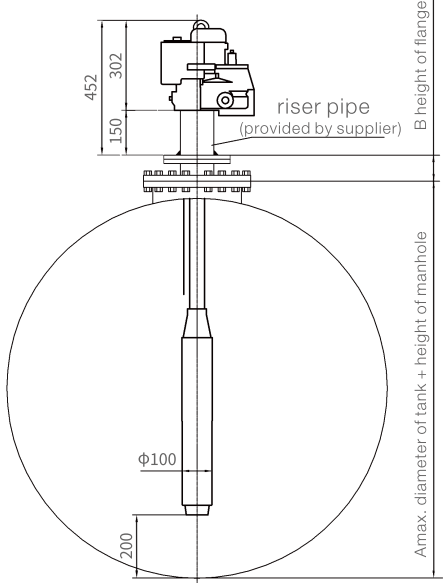
220V/50Hz/density of testing liquid779kg/m³

NO.	Flow rate (L/min)	Rotation rate (R/min)	Inlet pressure (MPa)	Outlet pressure (MPa)	Delivery lift (m)	Voltage (V)	Electric current (A)	Input power (kW)	Active power (kW)
1	0.000	2925.2	0.000	0.240	32.16	222.6	5.13	1.010	0.000
2	124	2872.8		0.228	30.76	221.5	6.73	1.410	0.486
3	153	2857.7		0.210	38.44	220.7	7.16	1.510	0.554
4	177	2846.9		0.194	26.51	221.1	7.51	1.590	0.598
5	200	2835.4		0.178	24.47	221.1	7.86	1.670	0.623
6	211	2823.6		0.162	22.43	220.4	8.18	1.740	0.631
7	242	2812.8		0.144	20.16	220.1	8.50	1.800	0.621
8	252	2807.3		0.130	18.38	221.0	8.67	1.850	0.590
9	262	2802.4		0.114	16.39	221.4	8.83	1.880	0.546
10	278	2795.4		0.101	14.69	220.4	8.97	1.901	0.520

The delivery lift of submersible pump - Flow curve



Installation dimension



\* Remark: Supplier should figure out the length of pipeline, conduit pipe and vent pipe based on the dimensions A and B provided by user.

Technical specification

- Class F motor winding
- Rotation rate of motor is 2875 R/min

MODEL	Capacity (kW)	Rated voltage (V)	Frequency (Hz)	Max. delivery lift (m)	Max. current (L/min)	Rated current (A)	Locked-rotor current (A)
DSP420550	0.75HP (0.55kW)	220	50	28	230	4.0	16
DSP430550	0.75HP (0.55kW)	380		28	230	1.6	7.0
DSP420750	1HP (0.75kW)	220		30	275	5.5	22
DSP430750	1HP (0.75kW)	380		30	275	2.2	10
DSP421100	1.5HP (1.1kW)	220		33	310	8.5	28
DSP431100	1.5HP (1.1kW)	380		33	310	3.2	20
DSP421500	2HP (1.5kW)	220		43	350	9.5	38
DSP431500	2HP (1.5kW)	380		43	350	3.5	23

\* Remark: The working voltage range of submersible is ±10% of rated voltage