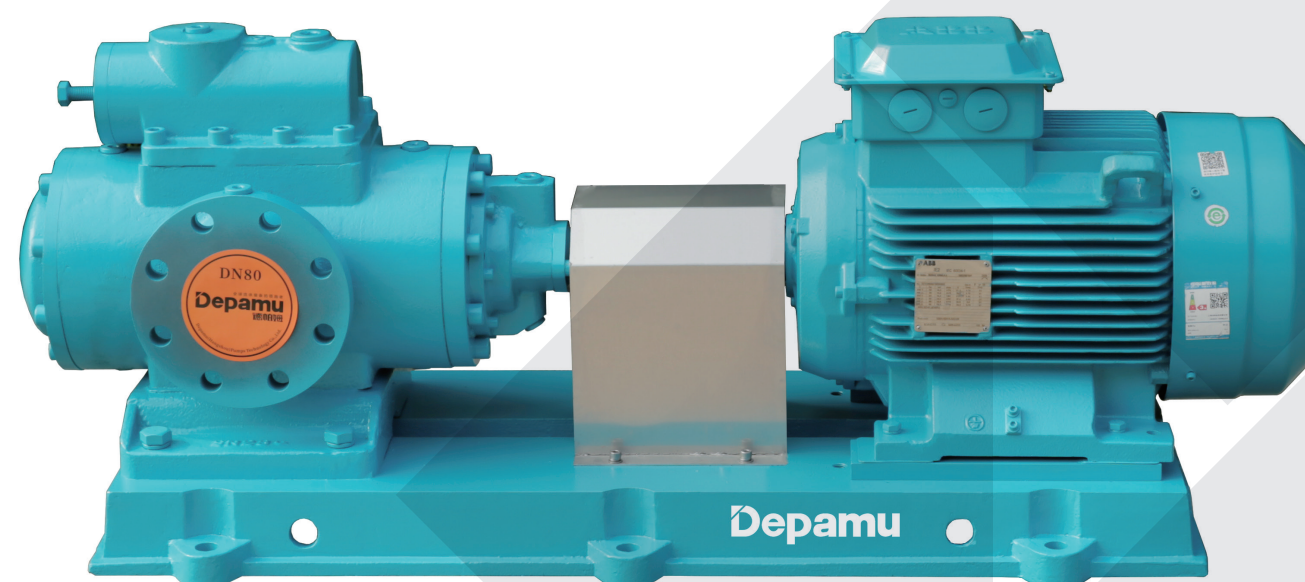


Three Screw Pump



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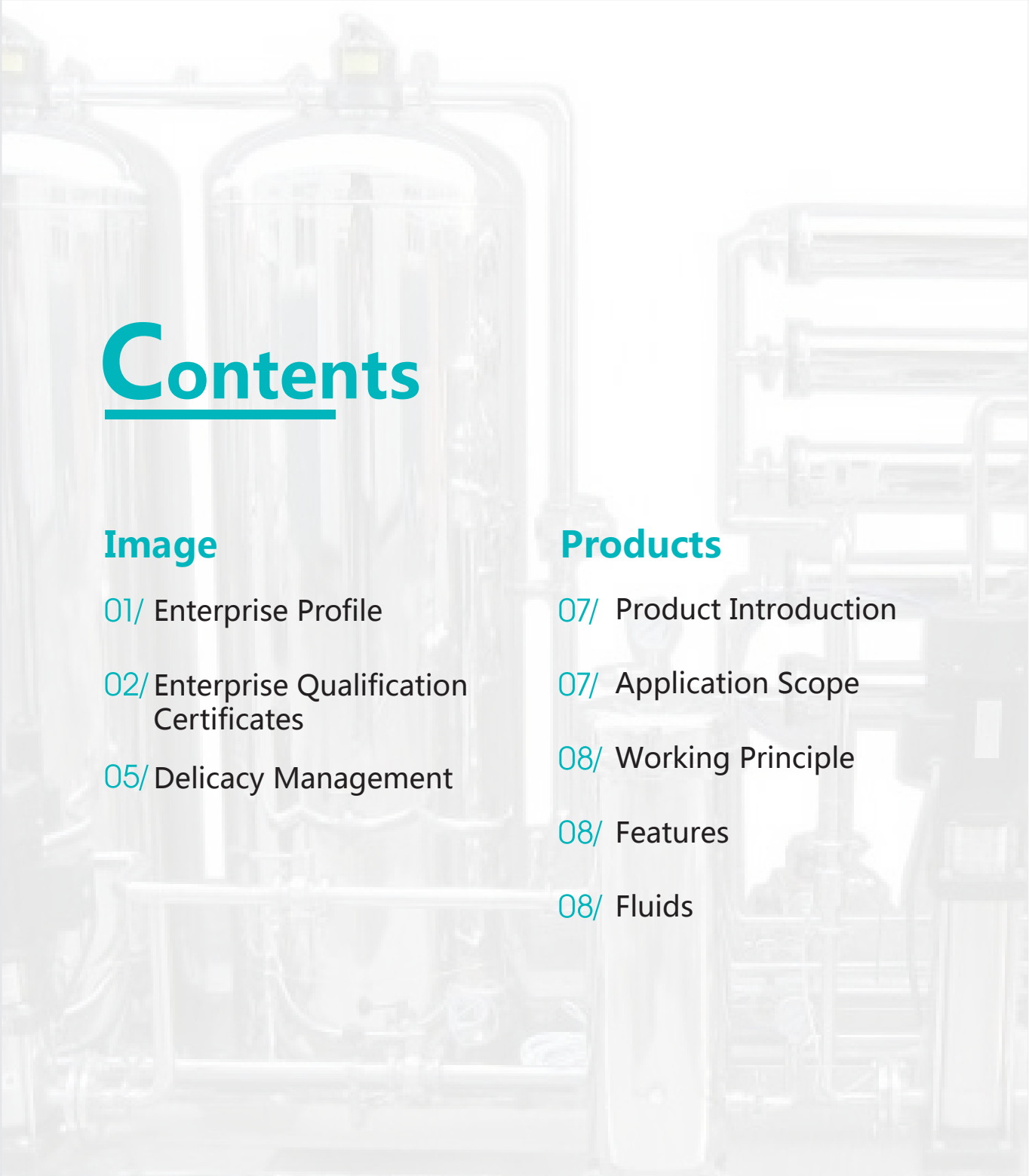
400-809-6100
www.depamu.com

Depamu (Hangzhou) Pumps Technology Co., Ltd.



**PACESETTER OF FLUID
EQUIPMENT IN THE WORLD**
全球流体装备的领跑者





Contents

Image

- 01/ Enterprise Profile
- 02/ Enterprise Qualification Certificates
- 05/ Delicacy Management

Products

- 07/ Product Introduction
- 07/ Application Scope
- 08/ Working Principle
- 08/ Features
- 08/ Fluids

- 09/ Three Screw Pump Model
- 11/ Parameters for Selection
- 12/ DPSN Series Three Screw Pump
- 17/ DPSN Series Three Screw Pump Performance Table
- 30/ DPSN Series Three Screw Pump NPSHr Table
- 31/ DPSN Series Three Screw Pump Dimensions

- 37/ DP3G Series Three Screw Pump
- 40/ DP3G Series Three Screw Pump Performance Parameters
- 45/ DP3G Series Three Screw Pump NPSHr Table
- 46/ DP3G Series Three Screw Pump Dimensions
- 54/ Typical Projects
- 56/ Depamu Pump Types

Enterprise Profile



Depamu (Hangzhou) Pumps Technology Co., Ltd., established in 2003 and located in Hangzhou Qiantang New Area, is a high-tech enterprise specialized in R & D, production and sales of main products including screw pumps (single screw/twin screw/three screw), rotor pumps, metering pumps (mechanical diaphragm/hydraulic diaphragm/plunger), high-pressure reciprocating pumps (plunger/diaphragm/hose type), anti-corrosion centrifugal pumps, pneumatic diaphragm pumps, gear pumps, cryogenic pumps, chemical dosing packages, water-steam sampling device, supercritical fluid equipment and water-treatment equipment, etc.

Through introduction of advanced technologies from Germany, the company has been devoted to research and development of fluid transfer equipment since its establishment, and many patents held take a leading place globally. The company has passed API, CE and DNV certifications; at the same time, it serves as a drafter of pump industry standards.

Presently, company products have been widely applied to oil & gas field exploitation, petroleum and gas refining and transportation as well as industries of nuclear power, military, chemical, electric power, pulp & paper, pharmaceutical, food, new energy, Li-ion battery, 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 including the USA, the UK, France, Switzerland, Russia, India, Brazil, Iran, Sudan, Turkmenistan, Syria, etc.

The company aims to be the most competitive fluid equipment manufacturer and service supplier in the world, and build Depamu into a century-old global brand.



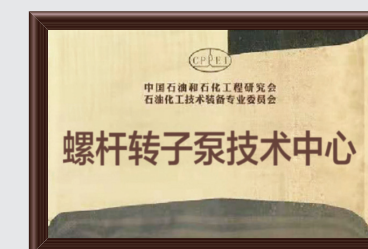
Enterprise Qualification Certificates



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



Enterprise High-tech R&D Center in Hangzhou City, China



Technical Center for Screw and Rotor Pumps



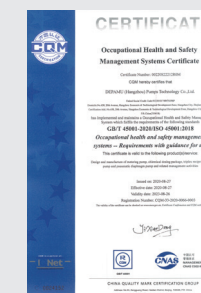
API Certificate



CE Certification



ISO 14001 Certificate



OHSAS 18001 Certificate



Energy Management System Certificate



"Zhejiang Made" Certificate



"Qualified Supplier of CNNC" Certificate



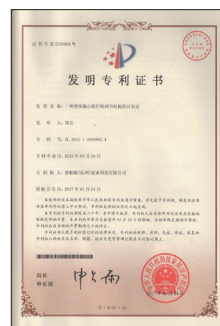
"Little Giant" Honor for Specialized, Sophisticated, Distinctive and Innovative SMEs Granted by the Ministry of Industry and Information Technology of the People's Republic of China



"Swift Enterprise" Honor

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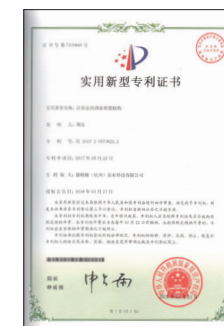
Invention Patent



Invention Patent



Invention Patent



Patent for Utility Model



Patent for Utility Model



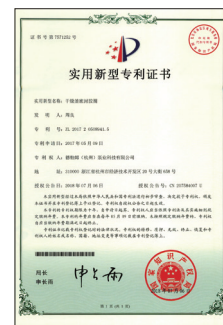
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Invention Patent



Invention Patent



Patent for Utility Model



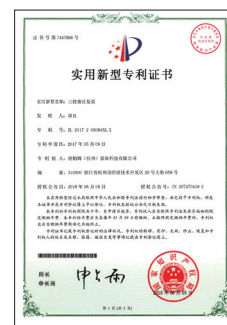
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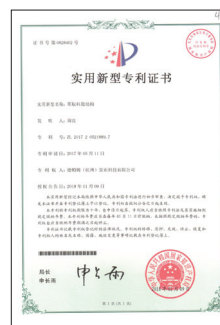
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Patent for Utility Model



Patent for Utility Model



Patent for Utility Model



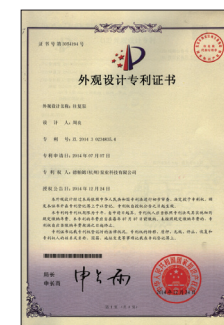
Patent for Utility Model



Patent for Utility Model



Design Patent



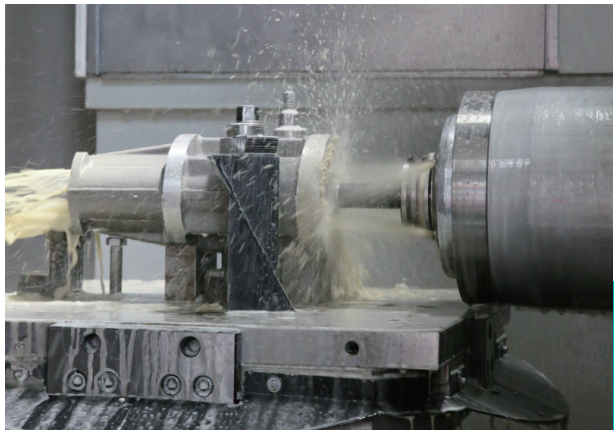
Design Patent

Delicacy Management

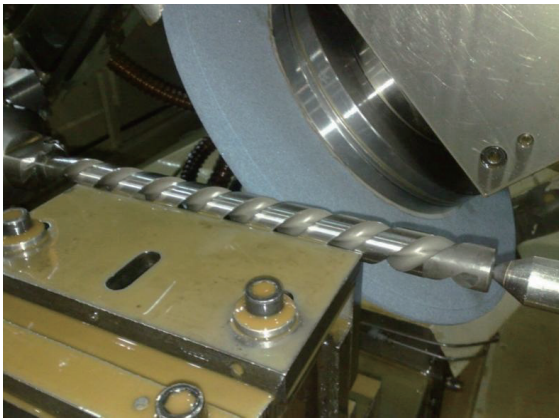
Depamu has kept a leading role in the industry by adhering to the spirit of innovation and aggressiveness based on excellent personnel, advanced equipment, advanced technology, first-rank standard, strict management as well as perfect service to create a key high-tech enterprise with the biggest influence in the industry.



German (KAPP) Rotor Grinding Machine

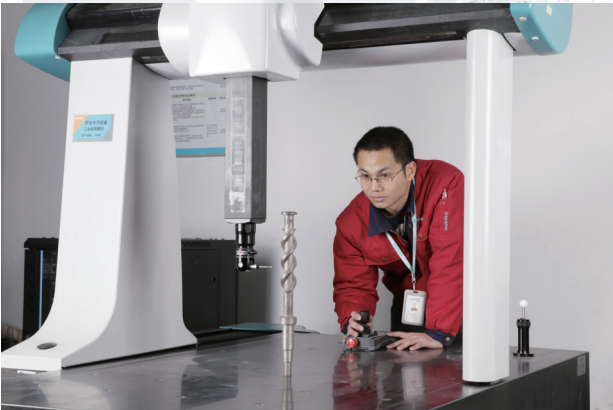


Milling Machine for Screw Pump Rotor



Japanese Machining Center

Coordinate Detection Machine for Screw Profile



Standard Screws



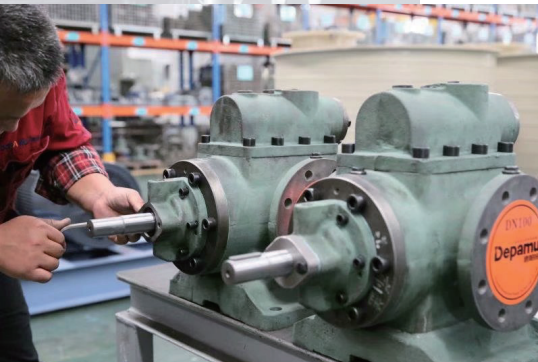
Glow Plasma Nitriding Furnace



Imported Brand Standard Parts



Professional Assembler



Batch Production Line



Product Introduction

Based on advanced German technologies and professional technology certification, Depamu three screw pumps show obvious superiority in terms of special working conditions like a high viscosity, a high pressure, a high temperature, etc. featuring a long service life, few faults and reliable operation, and have won praise from users at home and abroad with many patents held of the first-rank international level and features including strong self-priming capacity, high efficiency, small size, low noise, stable delivery and no pulsation.

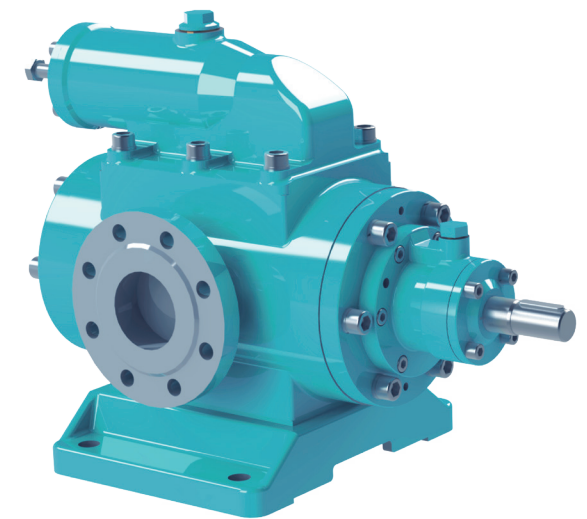
► Application Scope

Application for delivery of fuel oil, lubricating oil, hydraulic oil and other lubricating liquids similar to oil in various fields like petroleum, architecture, chemical fiber, metallurgy, Li-ion battery, machinery, electricity, machine tool, shipping, glass, food, environmental protection, water treatment, highway, etc. In industrial field, three screw pumps are used as lubricating pumps; they're used as hydraulic pumps in a hydraulic system, transfer and boost pumps in a fuel oil system, and transfer and oil filling pump in a transfer system.

Product Features

Working Principle

A three screw pump is a rotary positive displacement pump with the working principle below: continuous and separated enclosed cavities are formed by exact matching of a pump body (or three-hole liner) with three parallel and symmetric intermeshing screws; when the drive screw rotates, fluid is sucked in the enclosed cavities, which move axially continuously in a constant speed with rotation of the drive screw, thus transferring fluid from the inlet to the outlet of the pump and realizing pump pressure increase.



Features

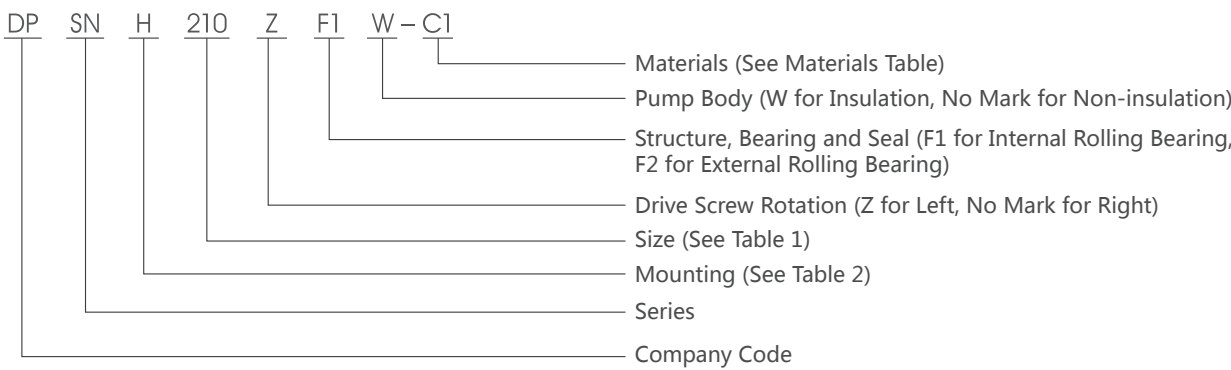
The drive screw rotates, driving rotation of the two driven screws, and an oil film is formed between the drive screw and the driven screws; because of the oil film, the driving screw and the driven screws will not contact, thus reducing screw wearing and ensuring a long service life of the pump.

Fluids

A three screw pump is applicable to transfer of lubricating fluids with no corrosive substance or chemical erosion for pump components, such as lubricating oil, mineral oil, synthetic hydraulic oil and natural oil. It can also be used for transfer of other special lubricating fluids like light fuel oil, heavy fuel oil, coal tar, hard pitch, viscose, emulsion, etc. Please refer to corresponding product catalogue for correct model selection and pump application.

Three Screw Pump Model

DPSN Series Three Screw Pump



Model Description

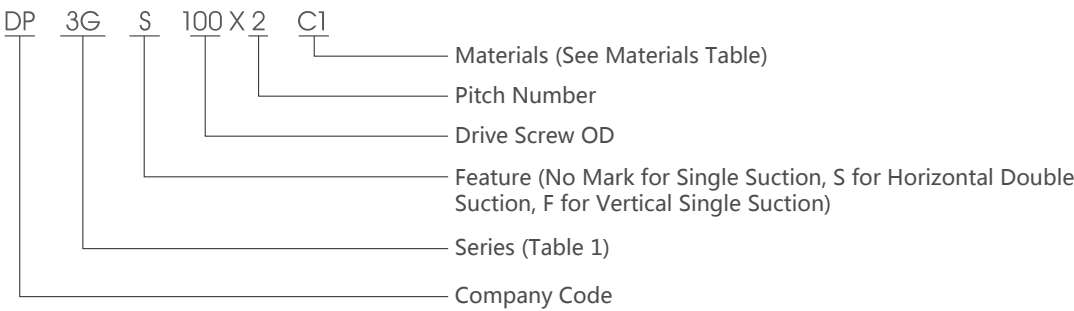
► Pump Size and Helical Angle (Table 1)

Pump Size	40	80	120	210	280	440	660	940	1300	1700	2200	2900	3600	5300	7400	9400
Helical Angle of Drive Screw	38	36	42	40	43	40	40	36	38	42	42	40	46	36	32	32
	46	42	46	46	46	46	44	42	42	46	46			42	40	40
	54	46	51	54	54	52	46	46	44					46		
		54	54			54	51	50	46							

► Mounting (Table 2)

Symbol	Structure Description
H	Horizontal, Foot Mounting
F	Flange Mounting (Horizontal/Wall Mounting)
S	Vertical, Disc-type Foot
J	Deep Well Type

DP3G Series Three Screw Pump



► Series (Table 1)

Series	Structure	Application Scope	Performance	
			Capacity (m3/h)	Max. Working Pressure (bar)
3G	Horizontal Single Suction	3~760cst Lubricating Oil and Lubricants	0.3~95	25
3GS	Horizontal Double Suction		80~575	16
3GF	Vertical (Suspended) Single Suction		0.3~95	25

Materials Table

Code	Pump Body	Drive Screw	Driven Screw	Pump Casing
C1	HT250	40Cr	40Cr	QT600-3
C2	QT400-15	40Cr	40Cr	QT600-3
C3	HT250	40Cr	40Cr	ZL109
C4	HT250	40Cr	40Cr	ZCuSn5Pb5Zn5
C5	HT250	40Cr	40Cr	ZCuSn10Pb1
C6	HT250	16MnCrS5	16MnCrS5	QT600-3
C7	HT250	38CrMoAl	38CrMoAl	QT600-3
C8	QT400-15	40Cr	40Cr	QT600-3
C9	QT400-15	40Cr	40Cr	ZL109
C10	QT400-15	40Cr	40Cr	ZCuSn5Pb5Zn5
C11	QT400-15	40Cr	40Cr	ZCuSn10Pb1
C12	QT400-15	16MnCrS5	16MnCrS5	QT600-3
C13	QT400-15	16MnCrS5	16MnCrS5	ZL109
C14	QT400-15	16MnCrS5	16MnCrS5	ZCuSn5Pb5Zn5
C15	QT400-15	16MnCrS5	16MnCrS5	ZCuSn10Pb1
C16	QT400-15	38CrMoAl	38CrMoAl	QT600-3
C17	QT400-15	38CrMoAl	38CrMoAl	ZL109
C18	QT400-15	38CrMoAl	38CrMoAl	ZCuSn5Pb5Zn5
C19	QT400-15	38CrMoAl	38CrMoAl	ZCuSn10Pb1
C20	ZG200-400 (ZG20)	40Cr	40Cr	QT600-3
C21	ZG200-400 (ZG20)	40Cr	40Cr	ZL109
C22	ZG200-400 (ZG20)	38CrMoAl	38CrMoAl	ZL109
C23	Q345A	40Cr	40Cr	QT600-3

Parameters for Selection

For selection of a three screw pump, users shall provide detailed data and required information according to the Data Sheet for Selection below, which is necessary and very important for economic and accurate pump selection.

Data Sheet for Selection

Fluid							
Viscosity	mm²/s	Max.		Min.		Normal	
Density	kg/m³	Max.		Min.		Normal	
Temperature	°C	Max.		Min.		Normal	
Capacity	m³/h	Max.		Min.		Normal	
Suction Pressure	MPa	Max.		Min.		Normal	
Discharge Pressure	MPa	Max.		Min.		Normal	
Differential Pressure	MPa	Max.		Min.		Normal	
NPSHa	m						
Ambient Temperature	°C	Max.		Min.		Normal	
Driver							
Location		Indoor			Outdoor		
Operation		Continuous			Intermittent		
Mounting		Horizontal			Vertical		
		Other					

DPSN Series Three Screw Pump

Performance Parameters

- ▶ Capacity : max. 456 m³/h max. 7600 L/ min
- ▶ Differential Pressure : 20 bar, max. 40 bar
- ▶ Speed : max. 2900 r / min
- ▶ Fluid Viscosity : 3 ~ 760 cSt
- ▶ Max. Temperature : 300°C

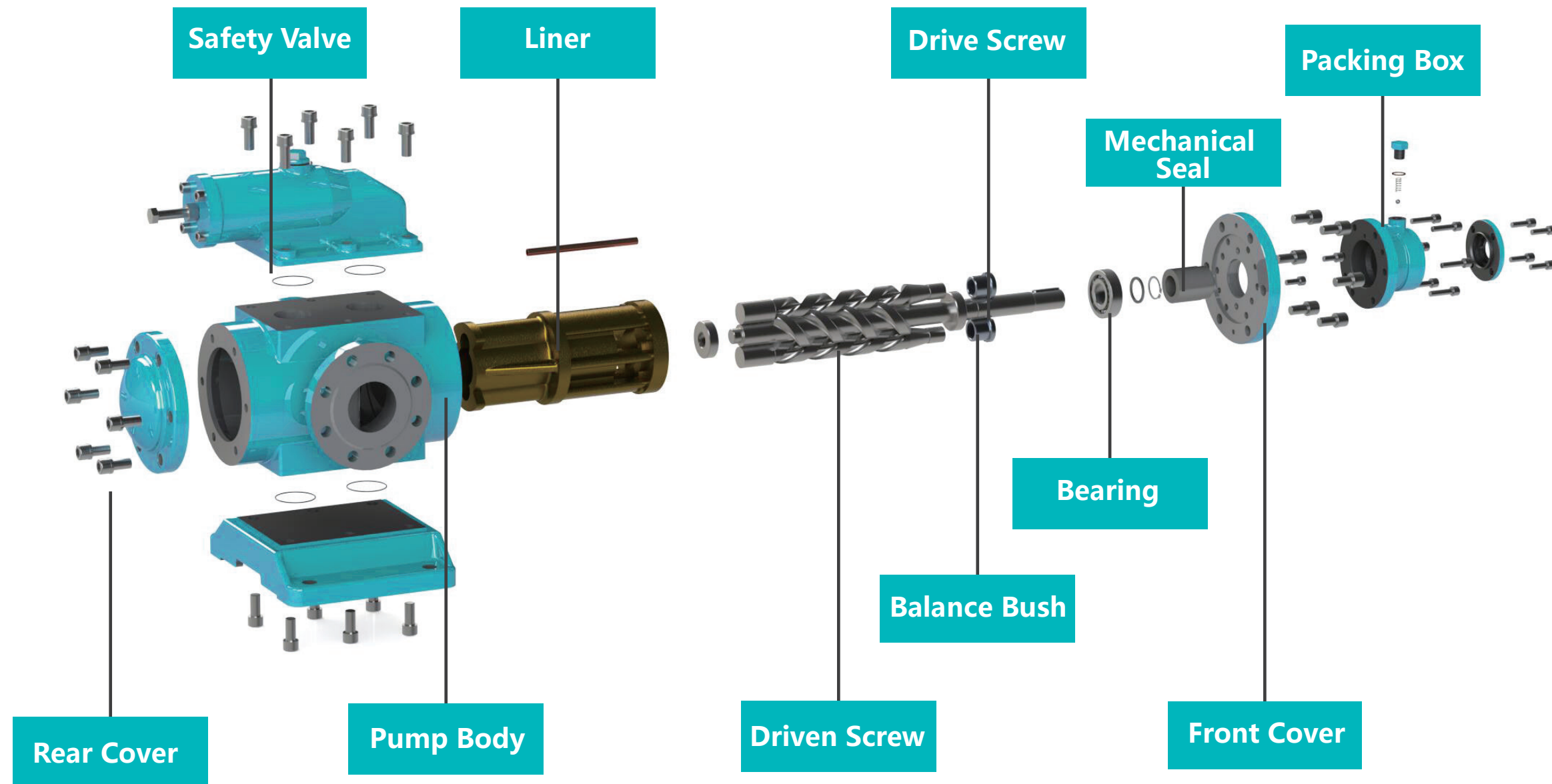


Advantages

- ▶ Uniform and continuous flow, no pulsation, high volumetric efficiency, low noise, service life remarkably longer than that of a gear pump or rotor pump.
- ▶ Strong self-priming capacity, no need in bottom valve or auxiliary evacuating equipment, reliable operation.
- ▶ Compact structure, small size, light weight, high speed allowed, not too sensitive to gases or pollutants, direct driving allowed by a motor or other prime mover.
- ▶ Pumped fluid without foam or turbulence, highly viscous and high-temp fluid transport allowed.
- ▶ Durable structure, easy mounting and maintenance.



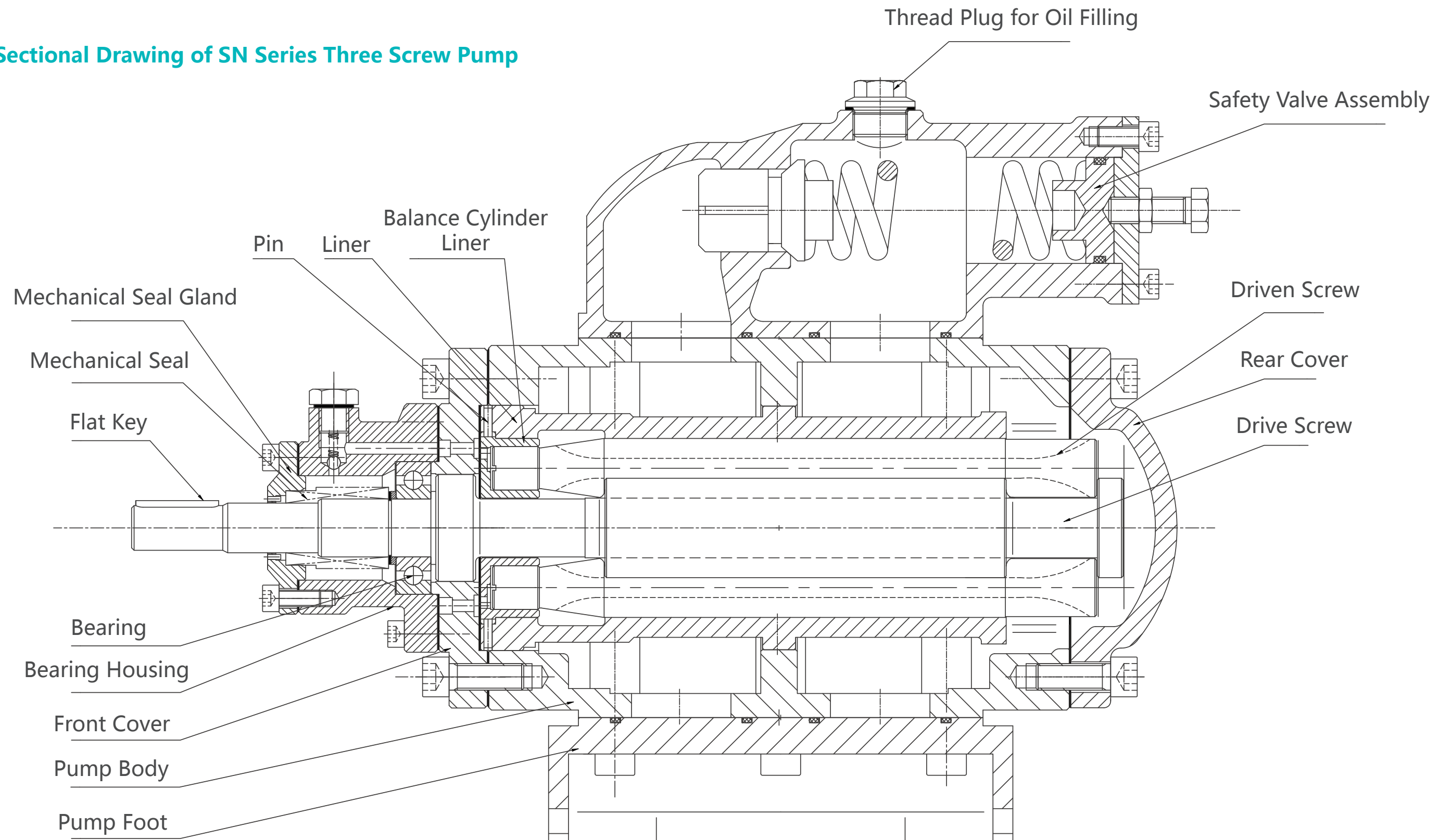
Structure Drawing



- ▶ A SN three screw pump, a rotary positive displacement pump, with a helical profile composed of by special-shape curves, transfers fluid via change in volume of screw meshing space during operation. In axial direction of the drive screw, intermeshing of the pump body and the screws forms continuous and separated enclosed cavities, fluid is sucked in those cavities and moves axially continuously in a constant speed with rotation of the drive screw, thus transferring fluid from the inlet to the outlet of the pump.

- ▶ A pump can be equipped with a safety valve (except for special structures) for protection against overpressure, and the safety valve can't be used as a system overflow valve.
- ▶ According to pumped fluid and operating temperature, shaft seals for DPSN series are divided into F1 and F2 types, and a pump body can be a single-layer pump body or a double-side welded pump body.

Sectional Drawing of SN Series Three Screw Pump



DPSN Series Three Screw Pump Performance Table

DPSN Series Three Screw Pump Performance Table (950r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
120–51	950	0.5	80.1	0.9	83.6	0.91	85.5	0.91	87.1	0.97	88.1	1.05	89	1.17	89.5	1.38
		1	71.4	1.66	77.6	1.67	81	1.67	84	1.73	85.7	1.81	87.4	1.93	88.3	2.14
		1.5	63.2	2.42	72	2.43	76.8	2.43	81	2.49	83.4	2.57	85.8	2.69	87.1	2.89
		2	55.5	3.18	66.7	3.19	72.9	3.19	78.3	3.25	81.3	3.33	84.4	3.45	86	3.65
120–54	950	0.5	91.9	1	95.4	1.01	97.3	1.01	98.9	1.07	99.9	1.15	100.8	1.27	101.3	1.48
		1	83.1	1.86	89.4	1.87	92.8	1.87	95.8	1.92	97.5	2.01	99.2	2.13	100.1	2.33
		1.5	75	2.71	83.8	2.73	88.6	2.73	92.8	2.78	95.2	2.86	97.6	2.98	98.9	3.19
		2	67.3	3.57	78.5	3.58	84.7	3.58	90.1	3.64	93.1	3.72	96.2	3.84	97.8	4.05
210–40	950	0.5	101.6	1.13	104.1	1.15	105.4	1.15	106.6	1.23	107.3	1.35	108	1.56	108.3	1.87
		1	95.4	2.04	99.8	2.06	102.2	2.06	104.3	2.14	105.6	2.27	106.8	2.47	107.4	2.79
		1.5	89.6	2.95	95.9	2.98	99.3	2.98	102.2	3.05	104.1	3.18	105.7	3.38	106.6	3.7
		2	84.1	3.87	92.1	3.89	96.4	3.89	100.2	3.96	102.6	4.09	104.7	4.3	105.8	4.61
210–46	950	0.5	127	1.37	130.3	1.39	132.1	1.39	133.8	1.46	134.7	1.59	135.6	1.79	136.1	2.11
		1	118.5	2.51	124.5	2.53	127.8	2.53	130.7	2.61	132.4	2.74	134	2.94	134.9	3.25
		1.5	110.7	3.66	119.1	3.68	123.8	3.68	127.8	3.76	130.2	3.88	132.5	4.09	133.8	4.4
		2	103.2	4.81	114	4.83	119.9	4.83	125.1	4.9	128.2	5.03	131.1	5.23	132.7	5.55
210–54	950	0.5	166.5	1.75	171.9	1.77	174.7	1.77	177.3	1.85	178.8	1.97	180.2	2.18	181	2.49
		1	152.9	3.28	162.5	3.3	167.7	3.3	172.3	3.38	175	3.5	177.6	3.71	179	4.02
		1.5	140.3	4.81	153.9	4.83	161.3	4.83	167.8	4.9	171.6	5.03	175.3	5.23	177.2	5.55
		2	128.4	6.33	145.8	6.36	155.1	6.36	163.4	6.43	168.3	6.56	173	6.76	175.5	7.08
280–43	950	0.5	149	1.68	153.1	1.71	155.3	1.71	157.2	1.84	158.3	2.01	159.4	2.34	160	2.8
		1	138.7	3.03	146	3.06	150	3.06	153.4	3.19	155.5	3.36	157.4	3.69	158.5	4.15
		1.5	129.2	4.38	139.5	4.41	145.2	4.41	150	4.54	152.9	4.71	155.6	5.04	157.2	5.5
		2	120.2	5.73	133.3	5.76	140.6	5.76	146.7	5.88	150.5	6.06	153.9	6.39	155.9	6.85
280–46	950	0.5	170.6	1.86	174.7	1.89	176.9	1.89	178.8	2.02	180	2.19	181	2.52	181.6	2.98
		1	160.3	3.39	167.6	3.42	171.6	3.42	175	3.55	177.1	3.72	179	4.05	180.1	4.51
		1.5	150.8	4.92	161.1	4.95	166.8	4.95	171.6	5.08	174.6	5.25	177.2	5.58	178.8	6.04
		2	141.8	6.45	155	6.48	162.2	6.48	168.3	6.6	172.1	6.78	175.5	7.11	177.5	7.57
280–54	950	0.5	223.9	2.37	230.3	2.4	233.9	2.4	236.9	2.53	238.8	2.7	240.5	3.03	241.4	3.49
		1	207.5	4.41	219.1	4.44	225.5	4.44	231	4.56	234.3	4.74	237.4	5.07	239.1	5.53
		1.5	192.3	6.44	208.7	6.47	217.7	6.47	225.5	6.6	230.1	6.77	234.5	7.11	236.9	7.56
		2	177.8	8.48	198.8	8.51	210.3	8.51	220.2	8.64	226.2	8.81	231.8	9.14	234.8	9.6
440–40	950	0.5	213.6	2.38	217.7	2.43	220	2.43	221.9	2.61	223.1	2.85	224.2	3.34	224.8	4.04
		1	203	4.27	210.5	4.31	214.6	4.31	218.1	4.5	220.2	4.74	222.2	5.23	223.3	5.92
		1.5	193.3	6.16	203.8	6.2	209.6	6.2	214.6	6.39	217.5	6.63	220.3	7.12	221.9	7.81
		2	184	8.05	197.5	8.09	204.9	8.09	211.2	8.28	215	8.52	218.6	9.01	220.6	9.7
440–46	950	0.5	271.7	2.9	277.3	2.95	280.4	2.95	283.1	3.14	284.6	3.37	286.2	3.87	287	4.56
		1	257.3	5.32	267.5	5.36	273	5.36	277.9	5.55	280.7	5.79	283.5	6.28	285	6.97
		1.5	244	7.73	258.4	7.78	266.2	7.78	273.1	7.97	277	8.2	281	8.69	283.1	9.39
		2	231.3	10.14	249.8	10.19	259.7	10.19	268.5	10.38	273.5	10.61	278.6	11.11	281.3	11.8
440–52	950	0.5	312	3.33	321.1	3.38	326	3.38	330.3	3.56	332.8	3.8	335.3	4.29	336.6	4.99
		1	289	6.17	305.3	6.21	314.2	6.21	322	6.4	326.5	6.64	330.9	7.13	333.3	7.82
		1.5	267.7	9.01	290.7	9.05	303.3	9.05	314.3	9.24	320.6	9.48	326.9	9.97	330.2	10.66
		2	247.5	11.85	276.9	11.89	292.9	11.89	307	12.08	315.1	12.32	323	12.81	327.4	13.5

DPSN Series Three Screw Pump Performance Table (950r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
40–38	950	0.5	18.3	0.23	19	0.24	19.4	0.24	19.8	0.27	20	0.31	20.2	0.36	20.3	0.46
		1	16.4	0.4	17.7	0.41	18.4	0.41	19	0.44	19.4	0.48	19.8	0.53	20	0.63
		1.5	14.6	0.57	16.5	0.58	17.5	0.58	18.4	0.61	18.9	0.65	19.5	0.7	19.8	0.8
		2	12.9	0.75	15.4	0.75	16.7	0.75	17.8	0.78	18.5	0.83	19.2	0.88	19.6	0.97
40–46	950	0.5	24.2	0.29	25.3	0.29	25.9	0.29	26.4	0.32	26.6	0.37	26.9	0.42	27.1	0.51
		1	21.6	0.52	23.5	0.52	24.5	0.52	25.4	0.55	25.9	0.6	26.4	0.65	26.7	0.74
		1.5	19.2	0.75	21.9	0.75	23.3	0.75	24.6	0.78	25.3	0.83	26	0.88	26.4	0.97
		2	16.9	0.98	20.3	0.98	22.1	0.98	23.7	1.01	24.6	1.05	25.5	1.11	26.1	1.2
40–54	950	0.5	31.7	0.37	33.4	0.37	34.3	0.37	35.1	0.4	35.5	0.45	36	0.5	36.2	0.59
		1	27.5	0.67	30.6	0.68	32.2	0.68	33.6	0.71	34.4	0.75	35.2	0.8	35.7	0.9
		1.5	23.7	0.98	27.9	0.99	30.2	0.99	32.2	1.02	33.3	1.06	34.4	1.11	35.1	1.21
		2	20	1.29	25.4	1.3	28.3	1.3	30.8	1.33	32.3	1.37	33.7	1.42	34.6	1.52
80–36	950	0.5	33.8	0.4	35	0.4	35.7	0.4	36.3	0.44	36.6	0.5	37	0.57	37.1	0.69
		1	30.7	0.71	32.9	0.72	34.1	0.72	35.2	0.76	35.8	0.81	36.4	0.89	36.7	1.01
		1.5	27.8	1.02	30.9	1.03	32.6	1.03	34.1	1.07	35	1.13	35.8	1.2	36.3	1.32
		2	25	1.34	29	1.35	31.2	1.35	33.2	1.38	34.2	1.44	35.3	1.51	35.9	1.63
80–42	950	0.5	40.6	0.46	42.3	0.47	43.1	0.47	43.9	0.51	44.4	0.57	44.9	0.64	45.1	0.76
		1	36.3	0.85	39.4	0.85	41	0.85	42.4	0.89	43.3	0.95	44.1	1.02	44.5	1.14
		1.5	32.4	1.23	36.7	1.24	38.9	1.24	40.9	1.28	42.2	1.33	43.3	1.4	43.9	1.52
		2	28.7	1.61	34.1	1.62	37	1.62	39.6	1.66	41.2	1.71	42.6	1.79	43.3	1.91
80–46	950	0.5	48.4	0.53	50.1	0.54	51	0.54	51.8	0.58	52.3	0.63	52.7	0.71	52.9	0.83
		1	44.2	0.98	47.2	0.99	48.8	0.99	50.2	1.02	51.1	1.08	51.9	1.15	52.3	1.27
		1.5	40.3	1.43	44.5	1.43	46.8	1.43	48.8	1.47	50.1	1.53	51.2	1.6	51.7	1.72
		2	36.5	1.87	42	1.88	44.9	1.88	47.4	1.92	49	1.98	50.5	2.05	51.2	2.17
80–54	950	0.5	62.3	0.67	65	0.68	66.4	0.68	67.7	0.72	68.4	0.77	69.1	0.85	69.5	0.97
		1	55.5	1.26	60.4	1.27	63	1.27	65.3	1.31	66.6	1.36	67.9	1.44	68.6	1.56
		1.5	49.3	1.85	56.1	1.86	59.7	1.86	63	1.9	64.8	1.95	66.7	2.03	67.7	2.15
		2	43.3	2.44	52	2.45	56.7	2.45	60.8	2.49	63.2	2.54	65.5	2.62	66.8	2.74
120–42	950	0.5	58.6	0.69	60.9	0.7	62	0.7	63	0.76	63.6	0.84	64.2	0.96	64.5	1.16
		1	53.1	1.23	57.1	1.25	59.2	1.25	61	1.3	62.1	1.38	63.2	1.5	63.7	1.71
		1.5	48	1.78	53.7	1.79	56.6	1.79	59.2	1.85	60.7	1.93	62.3	2.05	63	2.26
		2	43.2	2.32	50.4	2.34	54.2	2.34	57.4	2.39	59.4	2.48	61.4	2.6	62.3	2.8
120–46	950	0.5	70.4	0.79	72.7	0.8	73.8	0.8	74.8	0.85	75.4	0.94	76	1.06	76.3	1.26
		1	64.9	1.43	68.9	1.44	71	1.44	72.8	1.5	73.9	1.58	75	1.7	75.5	1.91
		1.5	59.8	2.07	65.5	2.09	68.4	2.09	71	2.14	72.5	2.22	74.1	2.34	74.8	2.55
		2	55	2.72	62.2	2.73	66	2.73	69.2	2.79	71.2	2.87	73.2	2.99	74.1	3.2

DPSN Series Three Screw Pump Performance Table (950r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
440–54	950	0.5	351.3	3.66	360.4	3.7	365.3	3.7	369.6	3.89	372.1	4.13	374.6	4.62	375.9	5.31
		1	328.3	6.82	344.6	6.87	353.5	6.87	361.3	7.06	365.8	7.29	370.2	7.79	372.6	8.48
		1.5	307	9.99	330	10.04	342.6	10.04	353.6	10.23	360	10.46	366.2	10.96	369.6	11.65
		2	286.8	13.16	316.2	13.2	332.2	13.2	346.3	13.39	354.4	13.63	362.3	14.12	366.7	14.81
660–40	950	0.5	334.9	3.64	340.5	3.71	343.5	3.71	346.1	3.98	347.7	4.31	349.2	5.05	350	6.03
		1	320.8	6.58	330.9	6.65	336.3	6.65	341	6.92	343.8	7.25	346.5	7.99	348	8.97
		1.5	307.8	9.52	322	9.58	329.6	9.58	336.3	9.86	340.2	10.19	344	10.93	346.1	11.91
		2	295.4	12.45	313.5	12.52	323.3	12.52	331.8	12.79	336.8	13.12	341.7	13.87	344.4	14.84
660–44	950	0.5	375.6	4.04	383.2	4.1	387.4	4.1	390.9	4.37	393.1	4.7	395.1	5.45	396.2	6.43
		1	356.4	7.37	370.1	7.43	377.6	7.43	384	7.7	387.8	8.03	391.5	8.78	393.5	9.76
		1.5	338.6	10.7	357.9	10.76	368.5	10.76	377.5	11.03	382.9	11.36	388.1	12.11	390.9	13.09
		2	321.7	14.03	346.3	14.09	359.8	14.09	371.4	14.36	378.2	14.7	384.9	15.44	388.5	16.42
660–46	950	0.5	408.4	4.31	416	4.38	420.2	4.38	423.7	4.65	425.8	4.98	427.9	5.72	429	6.7
		1	389.1	7.91	402.8	7.98	410.3	7.98	416.7	8.25	420.5	8.58	424.2	9.32	426.2	10.3
		1.5	371.3	11.52	390.6	11.58	401.2	11.58	410.3	11.85	415.6	12.18	420.8	12.93	423.7	13.91
		2	354.4	15.12	379.1	15.19	392.6	15.19	404.1	15.46	411	15.79	417.6	16.53	421.2	17.51
660–51	950	0.5	475.2	4.99	487.4	5.05	494	5.05	499.7	5.32	503.1	5.65	506.4	6.4	508.2	7.38
		1	444.4	9.27	466.3	9.33	478.3	9.33	488.6	9.6	494.7	9.93	500.6	10.68	503.8	11.66
		1.5	415.9	13.55	446.8	13.61	463.7	13.61	478.2	13.88	486.8	14.21	495.2	14.96	499.7	15.94
		2	388.9	17.83	428.2	17.89	449.8	17.89	468.4	18.16	479.4	18.5	490	19.24	495.8	20.22
660–54	950	0.5	545.3	5.57	557.5	5.64	564.1	5.64	569.8	5.91	573.2	6.24	576.5	6.98	578.3	7.96
		1	514.5	10.43	536.4	10.5	548.4	10.5	558.7	10.77	564.8	11.1	570.7	11.85	573.9	12.82
		1.5	486	15.3	516.9	15.37	533.8	15.37	548.3	15.64	556.9	15.97	565.3	16.71	569.8	17.69
		2	459	20.16	498.3	20.23	520	20.23	538.5	20.5	549.5	20.83	560.1	21.57	565.9	22.55
940–36	950	0.5	408.4	4.6	415.6	4.7	419.5	4.7	422.9	5.08	424.9	5.52	427.2	6.56	427.8	7.89
		1	390.2	8.2	403.1	8.29	410.2	8.29	416.3	8.67	419.9	9.11	424	10.16	425.2	11.48
		1.5	373.4	11.79	391.6	11.89	401.6	11.89	410.2	12.26	415.3	12.7	421.1	13.75	422.8	15.07
		2	357.5	15.38	380.6	15.48	393.4	15.48	404.4	15.86	410.9	16.3	418.3	17.34	420.5	18.66
940–42	950	0.5	482	5.29	491.8	5.38	497.1	5.38	501.8	5.76	504.5	6.2	507.1	7.25	508.6	8.57
		1	457.1	9.56	474.7	9.66	484.4	9.66	492.8	10.04	497.7	10.48	502.4	11.52	505	12.84
		1.5	434.1	13.84	458.9	13.93	472.6	13.93	484.5	14.31	491.4	14.75	498	15.8	501.7	17.12
		2	412.3	18.11	444	18.21	461.4	18.21	476.6	18.59	485.4	19.03	493.9	20.07	498.6	21.39
940–46	950	0.5	584.9	6.14	594.6	6.24	600	6.24	604.7	6.62	607.4	7.06	610	8.1	611.4	9.42
		1	560	11.28	577.6	11.37	587.3	11.37	595.7	11.75	600.6	12.19	605.3	13.23	607.9	14.56
		1.5	537	16.41	561.8	16.5	575.5	16.5	587.3	16.88	594.3	17.32	600.9	18.37	604.6	19.69
		2	515.2	21.54	546.8	21.64	564.3	21.64	579.5	22.01	588.3	22.46	596.8	23.5	601.4	24.82
940–50	950	0.5	651.4	6.85	667.1	6.95	675.6	6.95	683.1	7.33	687.4	7.77	691.7	8.81	693.9	10.13
		1	611.5	12.69	639.8	12.79	655.2	12.79	668.6	13.17	676.5	13.61	684.1	14.65	688.2	15.98
		1.5	574.7	18.54	614.7	18.63	636.4	18.63	655.3	19.01	666.5	19.45	677.2	20.5	683	21.82
		2	539.7	24.38	590.7	24.48	618.5	24.48	642.6	24.85	656.9	25.3	670.6	26.34	678	27.66

DPSN Series Three Screw Pump Performance Table (950r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
940–54	950	0.5	769.3	7.84	785	7.93	793.6	7.93	801	8.31	805.4	8.75	809.6	9.8	811.9	11.12
		1	729.5	14.66	757.8	14.76	773.2	14.76	786.6	15.13	794.5	15.58	802.1	16.62	806.2	17.94
		1.5	692.6	21.49	732.6	21.58	754.3	21.58	773.2	21.96	784.4	22.4	795.1	23.44	800.9	24.77
		2	657.6	28.31	708.7	28.41	736.4	28.41	760.6	28.78	774.8	29.23	788.5	30.27	795.9	31.59
1300–38	950	0.5	579.4	6.45	588.5	6.58	593.4	6.58	597.7	7.12	600.2	7.66	602.6	9.17	603.9	10.86
		1	556.5	11.52	572.8	11.65	581.7	11.65	589.4	12.19	593.9	12.73	598.3	14.24	600.6	15.93
		1.5	535.3	16.58	558.3	16.72	570.9	16.72	581.7	17.25	588.1	17.79	594.3	19.31	597.6	20.99
		2	515.2	21.65	544.6	21.78	560.6	21.78	574.5	22.32	582.6	22.86	590.5	24.37	594.7	26.06
1300–42	950	0.5	688.2	7.44	700.6	7.58	707.3	7.58	713.1	8.11	716.5	8.65	719.9	10.17	721.6	11.86
		1	656.9	13.5	679.1	13.64	691.2	13.64	701.7	14.17	707.9	14.71	713.9	16.23	717.1	17.92
		1.5	628	19.56	659.3	19.7	676.4	19.7	691.2	20.23	700	20.77	708.5	22.29	713	23.98
		2	600.5	25.62	640.5	25.76	662.4	25.76	681.3	26.29	692.5	26.83	703.3	28.35	709	30.04
1300–44	950	0.5	740.6	7.88	753	8.01	759.7	8.01	765.5	8.55	768.9	9.09	772.3	10.61	774.1	12.29
		1	709.3	14.38	731.6	14.51	743.7	14.51	754.2	15.05	760.4	15.59	766.4	17.1	769.6	18.79
		1.5	680.4	20.87	711.8	21.01	728.8	21.01	743.7	21.54	752.4	22.08	760.9	23.6	765.4	25.29
		2	652.9	27.37	693	27.5	714.8	27.5	733.7	28.04	744.9	28.58	755.7	30.1	761.4	31.78
1300–46	950	0.5	806.2	8.43	818.5	8.56	825.2	8.56	831	9.09	834.5	9.64	837.8	11.15	839.6	12.84
		1	774.8	15.47	797.1	15.6	809.2	15.6	819.7	16.14	825.9	16.68	831.9	18.19	835.1	19.88
		1.5	745.9	22.51	777.3	22.64	794.4	22.64	809.2	23.18	817.9	23.72	826.4	25.24	830.9	26.92
		2	718.4	29.56	758.5	29.69	780.3	29.69	799.2	30.22	810.4	30.77	821.2	32.28	827	33.97
1300–54	950	0.5	1061.7	10.75	1081.6	10.88	1092.3	10.88	1101.6	11.42	1107.1	11.96	1112.5	13.48	1115.3	15.16
		1	1011.4	20.12	1047.3	20.25	1066.7	20.25	1083.5	20.79	1093.4	21.33	1103	22.85	1108.2	24.53
		1.5	965	29.49	1015.6	29.62	1043	29.62	1066.7	30.16	1080.7	30.7	1094.2	32.21	1101.6	33.9
		2	920.9	38.86	985.5	38.99	1020.5	38.99	1050.7	39.53	1068.6	40.07	1085.9	41.58	1095.3	43.27
1700–42	950	0.5	924.9	9.98	940	10.16	948.4	10.16	955.5	10.79	959.7	11.46	963.8	13.47	966.1	15.71
		1	886.4	18.09	913.6	18.27	928.6	18.27	941.5	18.9	949.1	19.56	956.5	21.58	960.5	23.81
		1.5	850.8	26.2	889.2	26.38	910.4	26.38	928.6	27.01	939.3	27.67	949.8	29.69	955.4	31.92
		2	816.9	34.3	866	34.48	893.1	34.48	916.3	35.12	930	35.78	943.4	37.8	950.6	40.03
1700–46	950	0.5	1078.9	11.26	1094	11.44	1102.3	11.44	1109.5	12.08	1113.7	12.74	1117.8	14.76	1120	16.99
		1	1040.4	20.65	1067.6	20.83	1082.6	20.83	1095.5	21.47	1103.1	22.13	1110.5	24.15	1114.5	26.38
		1.5	1004.7	30.05	1043.2	30.22	1064.4	30.22	1082.6	30.86	1093.3	31.52	1103.7	33.54	1109.4	35.77
		2	970.9	39.44	1020	39.62	1047	39.62	1070.3	40.25	1084	40.91	1097.3	42.93	1104.5	45.16
2200–42	950	0.5	1207.7	13.03	1226.1	13.27	1236.1	13.27	1244.8	14.03	1249.9	14.82	1254.8	17.2	1257.5	20.03
		1	1161.1	23.58	1194.2	23.81	1212.2	23.81	1227.9	24.57	1237.1	25.36	1246	27.75	1250.8	30.58
		1.5	1118	34.13	1164.7	34.36	1190.1	34.36	1212.3	35.12	1225.3	35.91	1237.8	38.3	1244.6	41.13
		2	1077	44.67	1136.7	44.91	1169.2	44.91	1197.5	45.67	1214.1	46.46	1230.1	48.85	1238.8	51.68
2200–46	950	0.5	1402.9	14.66	1421.3	14.89	1431.3	14.89	1440	15.65	1445.1	16.44	1450	18.83	1452.7	21.66
		1	1356.3	26.83	1389.4	27.07	1407.4	27.07	1423.1	27.83	1432.3	28.62	1441.2	31	1446	33.84
		1.5	1313.2	39.01	1360	39.24	1385.4	39.24	1407.5	40	1420.5	40.79	1433.1	43.18	1439.9	46.01
		2	1272.3	51.18	1332	51.42	1364.4	51.42	1392.7	52.18	1409.3	52.97	1425.3	55.35	1434	58.19

DPSN Series Three Screw Pump Performance Table (950r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
2900-40	950	0.5	1792.4	19.36	1818.3	19.72	1832.2	19.72	1844.4	20.81	1851.5	22.1	1858.4	26.05	1862.1	29.82
		1	1727	34.98	1773.8	35.34	1798.8	35.34	1820.8	36.42	1833.6	37.71	1846.1	41.66	1852.8	45.44
		1.5	1666.6	50.59	1732.6	50.95	1767.9	50.95	1799	52.04	1817.1	53.33	1834.7	57.28	1844.2	61.05
		2	1609.2	66.21	1693.5	66.57	1738.6	66.57	1778.3	67.65	1801.3	68.94	1823.9	72.89	1835.9	76.67
3600-46	950	0.5	2251	23.19	2276.9	23.54	2290.8	23.54	2303	24.63	2310.1	25.92	2317	29.87	2320.8	33.64
		1	2185.6	42.62	2232.4	42.98	2257.4	42.98	2279.4	44.07	2292.2	45.36	2304.7	49.3	2311.4	53.08
		1.5	2125.2	62.06	2191.3	62.42	2226.6	62.42	2257.6	63.5	2275.7	64.79	2293.3	68.74	2302.8	72.52
		2	2067.8	81.5	2152.2	81.86	2197.2	81.86	2236.9	82.94	2260	84.23	2282.5	88.18	2294.6	91.96
5300-36	950	0.5	2322	27.6	2356	27.6	2369	27.6	2380	29.8	2387	32	2393	39.6	2396	46.9
		1	2261	47.7	2315	47.7	2338	47.7	2358	49.8	2370	52.1	2382	59.7	2388	67
		1.5	2189	67.7	2277	67.7	2310	67.7	2338	70	2355	72.1	2371	79.7	2380	87
		2	2132	87.8	2241	87.8	2283	87.8	2319	90	2341	92.5	2361	99.8	2372	107
5300-42	950	0.5	2850	32.2	2892	32.2	2907	32.2	2921	34.4	2929	36.6	2937	44.2	2941	51.4
		1	2776	56.8	2841	56.8	2870	56.8	2894	59	2909	61.2	2923	68.8	2931	76
		1.5	2687	81.4	2795	81.4	2835	81.4	2870	83.6	2890	85.8	2911	93.5	2921	100
		2	2616	106	2750	106	2803	106	2846	108	2873	110	2898	118	2911	125
5300-46	950	0.5	3378	36.8	3428	36.8	3446	36.8	3463	39	3472	41.2	3481	48.8	3486	56
		1	3290	66	3368	66	3402	66	3431	68.2	3448	70.4	3465	77.9	3474	85.2
		1.5	3185	95.1	3313	95.1	3361	95.1	3402	97.3	3426	100	3450	107	3462	114
		2	3101	124	3260	124	3322	124	3374	127	3405	129	3435	136	3451	144
7400-32	950	0.5	2805	35.5	2847	35.5	2862	35.5	2876	38.8	2883	42	2891	51.7	2895	62.8
		1	2732	59.7	2797	59.7	2825	59.7	2849	63	2864	66.2	2878	76	2885	87
		1.5	2645	84	2751	84	2791	84	2825	87.5	2845	90.5	2865	100	2875	111
		2	2575	108	2707	108	2759	108	2802	111	2828	115	2853	125	2866	136
7400-40	950	0.5	3740	43.6	3796	43.6	3816	43.6	3834	46.9	3844	50.1	3854	59.8	3860	71
		1	3643	76	3729	76	3767	76	3799	79.2	3818	82.5	3837	92.1	3847	103
		1.5	3527	108	3668	108	3722	108	3767	112	3793	115	3820	125	3833	136
		2	3434	141	3610	141	3678	141	3736	144	3770	147	3803	157	3821	168
9400-32	950	0.5	3606	45.6	3660	45.6	3679	45.6	3697	48.8	3707	53.5	3716	66	3722	80.5
		1	3512	76.7	3596	76.7	3632	76.7	3663	80	3681	84.6	3699	97.1	3709	112
		1.5	3400	108	3537	108	3588	108	3632	111	3657	116	3683	128	3696	143
		2	3310	139	3480	139	3546	139	3602	142	3635	147	3667	160	3684	174
9400-40	950	0.5	4829	56.1	4900	56.1	4926	56.1	4950	59.3	4963	64	4976	76.5	4983	91
		1	4703	97.8	4814	97.8	4863	97.8	4904	101	4929	106	4953	118	4966	133
		1.5	4553	140	4736	140	4804	140	4863	143	4897	148	4932	160	4949	175
		2	4433	181	4660	181	4749	181	4823	184	4867	189	4910	202	4933	216

DPSN Series Three Screw Pump Performance Table (1450r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
40-38	1450	0.5	29.3	0.41	29.9	0.41	30.3	0.41	30.6	0.48	30.8	0.58	31.1	0.7	31.2	0.92
		1	27.6	0.68	28.6	0.68	29.3	0.68	29.9	0.75	30.3	0.85	30.7	0.97	30.9	1.19
		1.5	26	0.94	27.4	0.94	28.4	0.94	29.2	1.01	29.8	1.11	30.4	1.23	30.7	1.45
		2	24.5	1.2	26.3	1.2	27.5	1.2	28.6	1.27	29.3	1.37	30.1	1.49	30.4	1.71
40-46	1450	0.5	38.7	0.49	39.8	0.5	40.3	0.5	40.8	0.57	41.1	0.67	41.4	0.79	41.6	1.01
		1	36.1	0.84	38	0.85	39	0.85	39.9	0.92	40.4	1.02	40.9	1.14	41.2	1.36
		1.5	33.7	1.19	36.4	1.2	37.8	1.2	39	1.27	39.7	1.37	40.4	1.49	40.9	1.71
		2	31.3	1.54	34.8	1.55	36.6	1.55	38.2	1.62	39.1	1.72	40	1.84	40.6	2.06
40-54	1450	0.5	51.2	0.61	52.8	0.62	53.7	0.62	54.5	0.69	55	0.79	55.4	0.91	55.7	1.13
		1	47	1.08	50	1.09	51.6	1.09	53	1.16	53.8	1.26	54.6	1.38	55.1	1.6
		1.5	43.1	1.55	47.4	1.56	49.6	1.56	51.6	1.63	52.7	1.73	53.9	1.85	54.6	2.07
		2	39.4	2.02	44.9	2.03	47.7	2.03	50.3	2.1	51.7	2.2	53.2	2.32	54.1	2.54
80-36	1450	0.5	53.6	0.67	54.8	0.69	55.5	0.69	56.1	0.78	56.4	0.91	56.8	1.08	56.9	1.36
		1	50.5	1.15	52.7	1.17	53.9	1.17	55	1.26	55.6	1.39	56.2	1.56	56.5	1.84
		1.5	47.6	1.63	50.7	1.65	52.4	1.65	54	1.74	54.8	1.87	55.7	2.04	56.1	2.32
		2	44.9	2.11	48.8	2.13	51	2.13	53	2.22	54.1	2.35	55.2	2.52	55.7	2.8
80-42	1450	0.5	64.7	0.78	66.4	0.79	67.3	0.79	68.1	0.88	68.6	1.01	69	1.18	69.2	1.46
		1	60.5	1.36	63.5	1.38	65.1	1.38	66.5	1.47	67.4	1.6	68.2	1.77	68.6	2.05
		1.5	56.5	1.94	60.8	1.96	63.1	1.96	65.1	2.05	66.3	2.18	67.5	2.35	68	2.63
		2	52.8	2.53	58.3	2.54	61.2	2.54	63.7	2.63	65.3	2.76	66.8	2.93	67.5	3.21
80-46	1450	0.5	76.7	0.88	78.4	0.89	79.3	0.89	80.1	0.98	80.6	1.11	81	1.28	81.2	1.56
		1	72.5	1.56	75.5	1.58	77.1	1.58	78.5	1.67	79.4	1.8	80.2	1.97	80.6	2.25
		1.5	68.5	2.24	72.8	2.26	75.1	2.26	77.1	2.35	78.3	2.48	79.5	2.65	80	2.93
		2	64.8	2.93	70.3	2.94	73.2	2.94	75.7	3.03	77.3	3.16	78.8	3.33	79.5	3.61
80-54	1450	0.5	99.6	1.09	102.2	1.11	103.7	1.11	104.9	1.2	105.7	1.33	106.4	1.5	106.8	1.78
		1	92.8	1.99	97.6	2.01	100.2	2.01	102.5	2.1	103.8	2.23	105.1	2.4	105.8	2.68
		1.5	82.5	2.83	88.1	2.86	91.1	2.86	93.6	2.99	95.2	3.18	96.8	3.46	97.5	3.94
		2	77.7	3.66	84.9	3.69	88.6	3.69	91.9	3.82	93.9	4.01	95.9	4.29	96.8	4.77
120-42	1450	0.5	93.1	1.16	95.3	1.19	96.5	1.19	97.5	1.32	98.1	1.51	98.7	1.79	99	2.27
		1	87.6	2	91.6	2.03	93.7	2.03	95.5	2.16	96.6	2.35	97.7	2.63	98.2	3.11
		1.5	82.5	2.83	88.1	2.86	91.1	2.86	93.6	2.99	95.2	3.18	96.8	3.46	97.5	3.94
		2	77.7	3.66	84.9	3.69	88.6	3.69	91.9	3.82	93.9	4.01	95.9	4.29	96.8	4.77
120-46	1450	0.5	111.1	1.31	113.3	1.34	114.5	1.34	115.5	1.47	116.1	1.66	116.7	1.94	117	2.42
		1	105.6	2.3	109.6	2.33	111.7	2.33	113.5	2.46	114.6	2.65	115.7	2.93	116.2	3.41
		1.5	100.5	3.28	106.1	3.31	109.1	3.31	111.6	3.44	113.2	3.63	114.8	3.91	115.5	4.39
		2	95.7	4.26	102.9	4.29	106.6	4.29	109.9	4.42	111.9	4.61	113.9	4.89	114.8	5.37
120-51	1450	0.5	128.1	1.49	131.5	1.52	133.4	1.52	135.1	1.65	136	1.84	136.9	2.12	137.4	2.6
		1	119.3	2.65	125.5	2.68	128.9	2.68	131.9	2.81	133.6	3	135.3	3.28	136.2	3.76
		1.5	111.2	3.8	119.9	3.84	124.7	3.84	129	3.97	131.4	4.16	133.8	4.44	135	4.92
		2	103.5	4.96	114.7	4.99	120.8	4.99	126.2	5.12	129.3	5.31	132.3	5.59	134	6.07

DPSN Series Three Screw Pump Performance Table (1450r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
120–54	1450	0.5	146.1	1.64	149.5	1.67	151.4	1.67	153.1	1.8	154	1.99	154.9	2.27	155.4	2.75
		1	137.3	2.95	143.5	2.98	146.9	2.98	149.9	3.11	151.6	3.3	153.3	3.58	154.2	4.06
		1.5	129.2	4.25	137.9	4.29	142.7	4.29	147	4.42	149.4	4.61	151.8	4.89	153	5.37
		2	121.5	5.56	132.7	5.59	138.8	5.59	144.2	5.72	147.3	5.91	150.3	6.19	152	6.67
210–40	1450	0.5	159.2	1.9	161.7	1.95	163	1.95	164.2	2.13	164.9	2.42	165.6	2.9	165.9	3.63
		1	153	3.29	157.4	3.34	159.8	3.34	161.9	3.52	163.2	3.81	164.4	4.29	165	5.02
		1.5	147.2	4.69	153.4	4.74	156.8	4.74	159.8	4.92	161.6	5.21	163.3	5.69	164.2	6.42
		2	141.7	6.08	149.7	6.13	154	6.13	157.8	6.31	160.2	6.6	162.3	7.08	163.4	7.81
210–46	1450	0.5	199.4	2.26	202.7	2.31	204.6	2.31	206.2	2.49	207.1	2.78	208	3.26	208.5	3.99
		1	190.9	4.01	196.9	4.06	200.2	4.06	203.1	4.24	204.8	4.53	206.4	5.01	207.3	5.74
		1.5	183.1	5.76	191.5	5.81	196.2	5.81	200.3	5.99	202.7	6.28	204.9	6.76	206.2	7.49
		2	175.6	7.51	186.4	7.56	192.3	7.56	197.6	7.74	200.6	8.03	203.5	8.51	205.1	9.24
210–54	1450	0.5	263	2.84	268.4	2.89	271.3	2.89	273.8	3.07	275.3	3.36	276.8	3.84	277.6	4.57
		1	249.4	5.18	259.1	5.23	264.3	5.23	268.9	5.41	271.6	5.7	274.2	6.18	275.6	6.91
		1.5	236.9	7.51	250.5	7.56	257.8	7.56	264.3	7.74	268.1	8.03	271.8	8.51	273.8	9.24
		2	224.9	9.84	242.3	9.89	251.7	9.89	260	10.07	264.9	10.36	269.5	10.84	272.1	11.57
280–43	1450	0.5	234.2	2.83	238.2	2.91	240.5	2.91	242.3	3.2	243.5	3.61	244.6	4.38	245.2	5.45
		1	223.9	4.89	231.2	4.97	235.2	4.97	238.6	5.26	240.7	5.67	242.6	6.44	243.7	7.51
		1.5	214.4	6.95	224.7	7.03	230.3	7.03	235.1	7.32	238.1	7.73	240.8	8.5	242.3	9.57
		2	205.3	9.01	218.5	9.08	225.7	9.08	231.9	9.37	235.6	9.78	239.1	10.55	241.1	11.62
280–46	1450	0.5	267.2	3.11	271.2	3.18	273.5	3.18	275.3	3.47	276.5	3.88	277.6	4.65	278.2	5.72
		1	256.9	5.44	264.2	5.52	268.2	5.52	271.6	5.81	273.7	6.22	275.6	6.99	276.7	8.06
		1.5	247.4	7.78	257.7	7.85	263.3	7.85	268.1	8.14	271.1	8.55	273.8	9.32	275.3	10.39
		2	238.3	10.11	251.5	10.18	258.7	10.18	264.9	10.47	268.6	10.88	272.1	11.65	274.1	12.72
280–54	1450	0.5	352.5	3.88	359	3.96	362.5	3.96	365.6	4.25	367.4	4.66	369.1	5.43	370.1	6.5
		1	336.1	6.99	347.7	7.07	354.1	7.07	359.6	7.36	362.9	7.77	366	8.54	367.7	9.61
		1.5	320.9	10.1	337.3	10.18	346.3	10.18	354.1	10.47	358.7	10.88	363.1	11.65	365.5	12.72
		2	306.5	13.21	327.4	13.28	338.9	13.28	348.8	13.57	354.8	13.98	360.4	14.75	363.4	15.82
440–40	1450	0.5	332.9	4.02	337	4.13	339.3	4.13	341.2	4.57	342.4	5.12	343.5	6.27	344.1	7.88
		1	322.3	6.91	329.8	7.02	333.9	7.02	337.4	7.46	339.5	8.01	341.5	9.16	342.6	10.77
		1.5	312.6	9.79	323.1	9.9	328.9	9.9	333.9	10.34	336.8	10.89	339.6	12.04	341.2	13.65
		2	303.3	12.67	316.8	12.78	324.2	12.78	330.5	13.22	334.3	13.77	337.9	14.92	339.9	16.53
440–46	1450	0.5	424.1	4.82	429.7	4.93	432.8	4.93	435.5	5.37	437.1	5.92	438.6	7.07	439.4	8.68
		1	409.7	8.51	419.9	8.62	425.4	8.62	430.3	9.06	433.1	9.61	435.9	10.76	437.4	12.37
		1.5	396.4	12.19	410.8	12.3	418.6	12.3	425.5	12.74	429.4	13.29	433.4	14.44	435.5	16.05
		2	383.8	15.87	402.2	15.98	412.1	15.98	420.9	16.42	426	16.97	431	18.12	433.7	19.73
440–52	1450	0.5	491.3	5.47	500.4	5.58	505.3	5.58	509.6	6.02	512.1	6.57	514.6	7.72	515.9	9.33
		1	468.3	9.81	484.6	9.92	493.5	9.92	501.3	10.36	505.8	10.91	510.2	12.06	512.6	13.67
		1.5	447	14.14	470	14.25	482.6	14.25	493.6	14.69	500	15.24	506.2	16.39	509.6	18
		2	426.8	18.47	456.2	18.58	472.2	18.58	486.3	19.02	494.4	19.57	502.3	20.72	506.7	22.33

DPSN Series Three Screw Pump Performance Table (1450r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)															
			10		20		40		75		150		380		760			
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)		
440–54	1450	0.5	551.3	5.97	560.4	6.08	565.3	6.08	569.6	6.52	572.1	7.07	574.6	8.22	575.9	9.83		
		1	528.3	10.81	544.6	10.92	553.5	10.92	561.3	11.36	565.8	11.91	570.2	13.06	572.6	14.67		
		1.5	507	15.64	530	15.75	542.6	15.75	553.6	16.19	560	16.74	566.2	17.89	569.6	19.5		
		2	486.8	20.47	516.2	20.58	532.2	20.58	546.3	21.02	554.4	21.57	562.3	22.72	566.7	24.33		
660–40	1450	0.5	520.4	6.13	526	6.28	529	6.28	531.6	6.91	533.2	7.68	534.7	9.41	535.5	11.69		
		1	506.3	10.61	516.4	10.77	521.8	10.77	526.5	11.4	529.3	12.17	532	13.9	533.5	16.18		
		1.5	493.3	15.09	507.5	15.25	515.1	15.25	521.8	15.88	525.7	16.65	529.5	18.38	531.6	20.66		
		2	480.9	19.58	499.1	19.73	508.8	19.73	517.3	20.36	522.3	21.13	527.2	22.86	529.9	25.14		
660–44	1450	0.5	586	6.73	593.6	6.88	597.7	6.88	601.3	7.51	603.4	8.28	605.5	10.01	606.6	12.29		
		1	566.7	11.81	580.4	11.97	587.9	11.97	594.3	12.6	598.1	13.37	601.8	15.1	603.8	17.38		
		1.5	548.9	16.89	568.2	17.05	578.8	17.05	587.8	17.68	593.2	18.45	598.4	20.18	601.2	22.46		
		2	532	21.98	556.6	22.13	570.2	22.13	581.7	22.76	588.6	23.53	595.2	25.26	598.8	27.54		
660–46	1450	0.5	636	7.14	643.6	7.3	647.7	7.3	651.3	7.93	653.4	8.7	655.5	10.43	656.6	12.71		
		1	616.7	12.64	630.4	12.8	637.9	12.8	644.3	13.43	648.1	14.2	651.8	15.93	653.8	18.21		
		1.5	598.9	18.14	618.2	18.3	628.8	18.3	637.8	18.93	643.2	19.7	648.4	21.43	651.2	23.71		
		2	582	23.64	606.6	23.8	620.2	23.8	631.7	24.43	638.6	25.2	645.2	26.93	648.8	29.21		
660–51	1450	0.5	745.6	8.18	757.7	8.33	764.4	8.33	770.1	8.96	773.5	9.73	776.7	11.46	778.5	13.74		
		1	714.8	14.71	736.6	14.87	748.6	14.87	758.9	15.5	765	16.27	770.9	18	774.1	20.28		
		1.5	686.3	21.24	717.1	21.4	734	21.4	748.6	22.03	757.2	22.8	765.5	24.53	770	26.81		
		2	659.2	27.78	698.6	27.93	720.2	27.93	738.8	28.56	749.8	29.33	760.4	31.06	766.2	33.34		
660–54	1450	0.5	852.6	9.07	864.7	9.23	871.4	9.23	877.1	9.86	880.5	10.63	883.7	12.36	885.5	14.64		
		1	821.8	16.49	843.6	16.65	855.6	16.65	865.9	17.28	872	18.05	877.9	19.78	881.1	22.06		
		1.5	793.3	23.92	824.1	24.08	841	24.08	855.6	24.71	864.2	25.48	872.5	27.21	877	29.49		
		2	766.2	31.34	805.6	31.5	827.2	31.5	845.8	32.13	856.8	32.9	867.4	34.63	873.2	36.91		
940–36	1450	0.5	635.3	7.84	642.5	8.06	646.4	8.06	649.8	8.94	651.8	9.97	654.1	12.4	654.7	15.48		
		1	617.1	13.32	630	13.55	637.1	13.55	643.2	14.43	646.8	15.46	650.9	17.89	652.1	20.97		
		1.5	600.3	18.81	618.5	19.03	628.5	19.03	637.1	19.91	642.2	20.94	648	23.37	649.7	26.45		
		2	584.3	24.29	607.5	24.51	620.3	24.51	631.3	25.39	637.8	26.42	645.2	28.85	647.4	31.93		
940–42	1450	0.5	752	8.88	761.8	9.11	767.1	9.11	771.8	9.99	774.5	11.02	777.1	13.45	778.6	16.53		
		1	727.1	15.41	744.7	15.63	754.4	15.63	762.8	16.51	767.7	17.54	772.4	19.97	775	23.05		
		1.5	704.1	21.93	728.9	22.16	742.6	22.16	754.5	23.04	761.4	24.07	768	26.5	771.7	29.58		
		2	682.3	28.46	714	28.68	731.4	28.68	746.6	29.56	755.4	30.59	763.9	33.02	768.6	36.1		
940–46	1450	0.5	909	10.19	918.8	10.41	924.1	10.41	928.8	11.29	931.5	12.32	934.1	14.75	935.6	17.83		
		1	884.1	18.02	901.7	18.25	911.4	18.25	919.8	19.13	924.7	20.16	929.4	22.59	932	25.67		
		1.5	861.1	25.86	885.9	26.08	899.6	26.08	911.5	26.96	918.4	27.99	925	30.42	928.7	33.5		
		2	839.3	33.69	871	33.91	888.4	33.91	903.6	34.79	912.4	35.82	920.9	38.25	925.6	41.33		
940–50	1450	0.5	1020.3	11.27	1036	11.5	1044.6	11.5	1052	12.38	1056.4	13.41	1060.6	15.84	1062.9	18.92		
		1	980.5	20.19	1008.8	20.41	1024.2	20.41	1037.6	21.29	1045.5	22.32	1053.1	24.75	1057.2	27.83		
		1.5	943.7	29.11	983.6	29.33	1005.4	29.33	1024.3	30.21	1035.4	31.24	1046.1	33.67	1051.9	36.75		
		2	908.7	38.02	959.7	38.25	987.4	38.25	1011.6	39.13	1025.8	40.16	1039.5	42.59	1046.9	45.67		

DPSN Series Three Screw Pump Performance Table (1450r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
940–54	1450	0.5	1200.3	12.77	1216	13	1224.6	13	1232	13.88	1236.4	14.91	1240.6	17.34	1242.9	20.42
		1	1160.5	23.19	1188.8	23.41	1204.2	23.41	1217.6	24.29	1225.5	25.32	1233.1	27.75	1237.2	30.83
		1.5	1123.7	33.61	1163.6	33.83	1185.4	33.83	1204.3	34.71	1215.4	35.74	1226.1	38.17	1231.9	41.25
		2	1088.7	44.02	1139.7	44.25	1167.4	44.25	1191.6	45.13	1205.8	46.16	1219.5	48.59	1226.9	51.67
1300–38	1450	0.5	899.4	10.96	908.5	11.26	913.4	11.26	917.7	12.51	920.2	13.77	922.6	17.3	923.9	21.23
		1	876.5	18.69	892.8	19	901.7	19	909.4	20.25	913.9	21.51	918.3	25.04	920.6	28.97
		1.5	855.3	26.42	878.3	26.73	890.9	26.73	901.7	27.98	908.1	29.24	914.3	32.77	917.6	36.7
		2	835.2	34.16	864.6	34.46	880.6	34.46	894.5	35.71	902.6	36.97	910.5	40.5	914.7	44.43
1300–42	1450	0.5	1071	12.47	1083.3	12.78	1090	12.78	1095.9	14.03	1099.3	15.29	1102.6	18.82	1104.4	22.75
		1	1039.7	21.72	1061.9	22.03	1074	22.03	1084.5	23.28	1090.7	24.54	1096.7	28.07	1099.9	32
		1.5	1010.7	30.97	1042.1	31.28	1059.2	31.28	1074	32.53	1082.8	33.79	1091.2	37.32	1095.7	41.25
		2	983.2	40.22	1023.3	40.53	1045.1	40.53	1064	41.78	1075.2	43.04	1086	46.57	1091.8	50.5
1300–44	1450	0.5	1151	13.14	1163.3	13.45	1170	13.45	1175.9	14.7	1179.3	15.96	1182.6	19.49	1184.4	23.42
		1	1119.7	23.06	1141.9	23.36	1154	23.36	1164.5	24.61	1170.7	25.87	1176.7	29.4	1179.9	33.33
		1.5	1090.7	32.97	1122.1	33.28	1139.2	33.28	1154	34.53	1162.8	35.79	1171.2	39.32	1175.7	43.25
		2	1063.2	42.89	1103.3	43.2	1125.1	43.2	1144	44.45	1155.2	45.71	1166	49.24	1171.8	53.17
1300–46	1450	0.5	1251	13.97	1263.3	14.28	1270	14.28	1275.9	15.53	1279.3	16.79	1282.6	20.32	1284.4	24.25
		1	1219.7	24.72	1241.9	25.03	1254	25.03	1264.5	26.28	1270.7	27.54	1276.7	31.07	1279.9	35
		1.5	1190.7	35.47	1222.1	35.78	1239.2	35.78	1254	37.03	1262.8	38.29	1271.2	41.82	1275.7	45.75
		2	1163.2	46.22	1203.3	46.53	1225.1	46.53	1244	47.78	1255.2	49.04	1266	52.57	1271.8	56.5
1300–54	1450	0.5	1653.4	17.52	1673.3	17.83	1684	17.83	1693.4	19.08	1698.9	20.34	1704.2	23.87	1707.1	27.8
		1	1603.2	31.82	1639	32.13	1658.4	32.13	1675.2	33.38	1685.1	34.64	1694.7	38.17	1699.9	42.1
		1.5	1556.7	46.12	1607.3	46.43	1634.7	46.43	1658.4	47.68	1672.4	48.94	1685.9	52.47	1693.3	56.4
		2	1512.6	60.42	1577.2	60.73	1612.2	60.73	1642.5	61.98	1660.3	63.24	1677.6	66.77	1687	70.7
1700–42	1450	0.5	1437	16.74	1452.1	17.16	1460.4	17.16	1467.6	18.64	1471.8	20.18	1475.9	24.88	1478.1	30.08
		1	1398.5	29.11	1425.7	29.53	1440.7	29.53	1453.6	31.01	1461.2	32.55	1468.6	37.25	1472.6	42.45
		1.5	1362.8	41.49	1401.3	41.91	1422.5	41.91	1440.7	43.39	1451.4	44.93	1461.9	49.63	1467.5	54.83
		2	1329	53.86	1378.1	54.28	1405.1	54.28	1428.4	55.76	1442.1	57.3	1455.4	62	1462.6	67.2
1700–46	1450	0.5	1672	18.7	1687.1	19.11	1695.4	19.11	1702.6	20.59	1706.8	22.13	1710.9	26.83	1713.1	32.03
		1	1633.5	33.03	1660.7	33.45	1675.7	33.45	1688.6	34.93	1696.2	36.47	1703.6	41.17	1707.6	46.37
		1.5	1597.8	47.36	1636.3	47.78	1657.5	47.78	1675.7	49.26	1686.4	50.8	1696.9	55.5	1702.5	60.7
		2	1564	61.7	1613.1	62.11	1640.1	62.11	1663.4	63.59	1677.1	65.13	1690.4	69.83	1697.6	75.03
2200–42	1450	0.5	1873.9	21.88	1892.3	22.43	1902.3	22.43	1911	24.2	1916.1	26.04	1921	31.6	1923.7	38.2
		1	1827.3	37.98	1860.4	38.53	1878.4	38.53	1894.1	40.3	1903.3	42.14	1912.2	47.7	1917	54.3
		1.5	1784.2	54.08	1830.9	54.63	1856.3	54.63	1878.5	56.4	1891.5	58.24	1904.1	63.8	1910.8	70.4
		2	1743.2	70.18	1802.9	70.73	1835.4	70.73	1863.7	72.5	1880.3	74.34	1896.3	79.9	1905	86.5
2200–46	1450	0.5	2171.9	24.36	2190.3	24.91	2200.3	24.91	2209	26.68	2214.1	28.52	2219	34.08	2221.7	40.68
		1	2125.3	42.95	2158.4	43.5	2176.4	43.5	2192.1	45.27	2201.3	47.11	2210.2	52.67	2215	59.27
		1.5	2082.2	61.53	2128.9	62.08	2154.3	62.08	2176.5	63.85	2189.5	65.69	2202.1	71.25	2208.8	77.85
		2	2041.2	80.11	2100.9	80.66	2133.4	80.66	2161.7	82.43	2178.3	84.27	2194.3	89.83	2203	96.43

DPSN Series Three Screw Pump Performance Table (1450r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
2900–40	1450	0.5	2778.6	32.57	2804.5	33.4	2818.4	33.4	2830.6	35.93	2837.7	38.93	2844.6	48.13	2848.3	56.93
		1	2713.2	56.4	2760	57.24	2785	57.24	2807	59.77	2819.8	62.77	2832.3	71.97	2839	80.77
		1.5	2652.8	80.24	2718.9	81.07	2754.1	81.07	2785.2	83.6	2803.3	86.6	2820.9	95.8	2830.4	104.6
		2	2595.4	104.07	2679.7	104.9	2724.8	104.9	2764.5	107.43	2787.5	110.43	2810.1	119.63	2822.1	128.43
3600–46	1450	0.5	3478.6	38.4	3504.5	39.24	3518.4	39.24	3530.6	41.77	3537.7	44.77	3544.6	53.97	3548.3	62.77
		1	3413.2	68.07	3460	68.9	3485	68.9	3507	71.43	3519.8	74.43	3532.3	83.63	3539	92.43
		1.5	3352.8	97.74	3418.9	98.57	3454.1	98.57	3485.2	101.1	3503.3	104.1	3520.9	113.3	3530.4	122.1
		2	3295.4	127.4	3379.7	128.24	3424.8	128.24	3464.5	130.77	3487.5	133.77	3510.1	142.97	3522.1	151.77
5300–36	1450	0.5	3590	48.5	3623	48.5	3636	48.5	3647	53.5	3653	58.8	3659	76.5	3663	93.1
		1	3522	78.9	3581	78.9	3605	78.9	3625	84.5	3636	89.5	3648	107	3654	124
		1.5	3460	110	3544	110	3577	110	3605	116	3621	121	3638	138	3646	155
		2	3400	141	3507	141	3550	141	3586	146	3607	151	3627	168	3638	185
5300–42	1450	0.5	4406	55.5	4447	55.5	4463	55.5	4477	60.5	4484	65.6	4492	83.2	4496	100
		1	4323	92.8	4396	92.8	4425	92.8	4450	98	4464	104	4478	121	4486	138
		1.5	4247	131	4350	131	4391	131	4425	136	4445	141	4466	159	4476	176
		2	4174	168	4305	168	4358	168	4402	173	4428	179	4453	196	4467	213
5300–46	1450	0.5	5223	62.2	5271	62.2	5290	62.2	5306	67.3	5315	72.5	5324	90.1	5329	107
		1	5124	107	5211	107	5245	107	5274	112	5291	117	5308	135	5317	152
		1.5	5034	151	5156	151	5204	151	5245	156	5269	162	5293	179	5305	196
		2	4947	196	5103	196	5165	196	5217	201	5248	206	5278	224	5294	241
7400–32	1450	0.5	4337	63.5	4377	63.5	4393	63.5	4406	71	4414	78.5	4421	101	4425	127
		1	4255	100	4327	100	4356	100	4380	108	4394	116	4408	138	4415	164
		1.5	4180	138	4282	138	4321	138	4356	145	4375	153	4395	175	4405	201
		2	4108	175	4238	175	4289	175	4332	182	4358	190	4388	212	4396	238
7400–40	1450	0.5	5783	75.8	5837	75.8	5858	75.8	5875	83.3	5885	90.8	5895	114	5901	140
		1	5674	126	5770	126	5808	126	5840	133	5859	141	5878	163	5888	189
		1.5	5574	175	5709	175	5762	175	5808	182	5834	190	5861	212	5874	238
		2	5478	224	5651	224	5719	224	5777	232	5811	239	5844	262	5862	288
9400–32	1450	0.5	5575	81	5627	81	5647	81	5664	88.6	5674	99.6	5683	129	5688	163
		1	5470	129	5562	129	5599	129	5630	136	5648	147	5666	176	5676	210
		1.5	5374	176	5504	176	5555	176	5599	184	5624	195	5650	224	5663	258
		2	5281	224	5447	224	5513	224	5569	231	5602	242	5634	271	5651	305
9400–40	1450	0.5	7465	97.1	7534	97.1	7561	97.1	7584	105	7597	116	7610	145	7617	179
		1	7324	161	7448	161	7497	161	7538	168	7562	179	7587	208	7600	242
		1.5	7195	225	7369	225	7438	225	7497	232	7531	243	7565	272	7582	306
		2	7071	288	7294	288	7382	288	7457	295	7500	307	7544	336	7567	370

DPSN Series Three Screw Pump Performance Table (2900r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)															
			10		20		40		75		150		380		760			
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)		
40–38	2900	0.5	60.6	1.07	61.4	1.13	61.8	1.13	62.1	1.41	62.3	1.81	62.6	2.29	62.7	3.17		
		1	58.7	1.6	60.1	1.65	60.8	1.65	61.4	1.93	61.8	2.33	62.2	2.81	62.4	3.69		
		1.5	57	2.12	58.9	2.18	59.9	2.18	60.7	2.46	61.3	2.86	61.9	3.34	62.2	4.22		
		2	55.3	2.65	57.8	2.7	59	2.7	60.1	2.98	60.8	3.38	61.6	3.86	61.9	4.74		
40–46	2900	0.5	80.7	1.25	81.8	1.3	82.3	1.3	82.8	1.58	83.1	1.98	83.4	2.46	83.6	3.34		
		1	78.1	1.95	80	2	81	2	81.9	2.28	82.4	2.68	82.9	3.16	83.2	4.04		
		1.5	75.7	2.65	78.4	2.7	79.8	2.7	81	2.98	81.7	3.38	82.4	3.86	82.9	4.74		
		2	73.3	3.35	76.8	3.4	78.6	3.4	80.2	3.68	81.1	4.08	82	4.56	82.6	5.44		
40–54	2900	0.5	107.6	1.49	109.2	1.54	110.1	1.54	110.9	1.82	111.4	2.22	111.8	2.7	112.1	3.58		
		1	103.4	2.43	106.4	2.48	108	2.48	109.4	2.76	110.2	3.16	111	3.64	111.5	4.52		
		1.5	99.5	3.37	103.8	3.42	106	3.42	108	3.7	109.1	4.1	110.3	4.58	111	5.46		
		2	95.8	4.31	101.3	4.36	104.1	4.36	106.7	4.64	108.1	5.04	109.6	5.52	110.5	6.4		
80–36	2900	0.5	111.1	1.73	112.3	1.8	113	1.8	113.6	2.16	113.9	2.68	114.3	3.36	114.4	4.48		
		1	108	2.68	110.2	2.76	111.4	2.76	112.5	3.12	113.1	3.64	113.7	4.32	114	5.44		
		1.5	105.1	3.64	108.2	3.72	109.9	3.72	111.5	4.08	112.3	4.6	113.2	5.28	113.6	6.4		
		2	102.4	4.6	106.3	4.67	108.5	4.67	110.5	5.03	111.6	5.55	112.7	6.23	113.2	7.35		
80–42	2900	0.5	134.7	1.93	136.4	2.01	137.3	2.01	138.1	2.37	138.6	2.89	139	3.57	139.2	4.69		
		1	130.5	3.1	133.5	3.17	135.1	3.17	136.5	3.53	137.4	4.05	138.2	4.73	138.6	5.85		
		1.5	126.5	4.27	130.8	4.34	133.1	4.34	135.1	4.7	136.3	5.22	137.5	5.9	138	7.02		
		2	122.8	5.43	128.3	5.51	131.2	5.51	133.7	5.87	135.3	6.39	136.8	7.07	137.5	8.19		
80–46	2900	0.5	158.7	2.13	160.4	2.21	161.3	2.21	162.1	2.57	162.6	3.09	163	3.77	163.2	4.89		
		1	154.5	3.5	157.5	3.57	159.1	3.57	160.5	3.93	161.4	4.45	162.2	5.13	162.6	6.25		
		1.5	150.5	4.87	154.8	4.94	157.1	4.94	159.1	5.3	160.3	5.82	161.5	6.5	162	7.62		
		2	146.8	6.23	152.3	6.31	155.2	6.31	157.7	6.67	159.3	7.19	160.8	7.87	161.5	8.99		
80–54	2900	0.5	207.6	2.57	210.2	2.64	211.7	2.64	212.9	3	213.7	3.52	214.4	4.2	214.8	5.32		
		1	200.8	4.37	205.6	4.44	208.2	4.44	210.5	4.8	211.8	5.32	213.1	6	213.8	7.12		
		1.5	194.5	6.17	201.3	6.24	205	6.24	208.2	6.6	210.1	7.12	211.9	7.8	212.9	8.92		
		2	188.6	7.97	197.3	8.04	201.9	8.04	206.1	8.4	208.4	8.92	210.8	9.6	212	10.72		
120–42	2900	0.5	193.1	2.98	195.3	3.11	196.5	3.11	197.5	3.63	198.1	4.39	198.7	5.51	199	7.43		
		1	187.6	4.65	191.6	4.77	193.7	4.77	195.5	5.29	196.6	6.05	197.7	7.17	198.2	9.09		
		1.5	182.5	6.31	188.1	6.44	191.1	6.44	193.6	6.96	195.2	7.72	196.8	8.84	197.5	10.76		
		2	177.7	7.98	184.9	8.11	188.6	8.11	191.9	8.63	193.9	9.39	195.9	10.51	196.8	12.43		
120–46	2900	0.5	229.1	3.28	231.3	3.41	232.5	3.41	233.5	3.93	234.1	4.69	234.7	5.81	235	7.73		
		1	223.6	5.25	227.6	5.37	229.7	5.37	231.5	5.89	232.6	6.65	233.7	7.77	234.2	9.69		
		1.5	218.5	7.21	224.1	7.34	227.1	7.34	229.6	7.86	231.2	8.62	232.8	9.74	233.5	11.66		
		2	213.7	9.18	220.9	9.31	224.6	9.31	227.9	9.83	229.9	10.59	231.9	11.71	232.8	13.63		
120–51	2900	0.5	267.1	3.63	270.5	3.76	272.4	3.76	274.1	4.28	275	5.04	275.9	6.16	276.4	8.08		
		1	258.3	5.95	264.5	6.07	267.9	6.07	270.9	6.59	272.6	7.35	274.3	8.47	275.2	10.39		
		1.5	250.2	8.26	258.9	8.39	263.7	8.39	268	8.91	270.4	9.67	272.8	10.79	274	12.71		
		2	242.5	10.58	253.7	10.71	259.8	10.71	265.2	11.23	268.3	11.99	271.3	13.11	273	15.03		

DPSN Series Three Screw Pump Performance Table (2900r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
120–54	2900	0.5	303.1	3.93	306.5	4.06	308.4	4.06	310.1	4.58	311	5.34	311.9	6.46	312.4	8.38
		1	294.3	6.55	300.5	6.67	303.9	6.67	306.9	7.19	308.6	7.95	310.3	9.07	311.2	10.99
		1.5	286.2	9.16	294.9	9.29	299.7	9.29	304	9.81	306.4	10.57	308.8	11.69	310	13.61
		2	278.5	11.78	289.7	11.91	295.8	11.91	301.2	12.43	304.3	13.19	307.3	14.31	309	16.23
210–40	2900	0.5	326.2	4.83	328.7	5.02	330	5.02	331.2	5.74	331.9	6.9	332.6	8.82	332.9	11.74
		1	320	7.61	324.4	7.81	326.8	7.81	328.9	8.53	330.2	9.69	331.4	11.61	332	14.53
		1.5	314.2	10.39	320.4	10.59	323.8	10.59	326.8	11.31	328.6	12.47	330.3	14.39	331.2	17.31
		2	308.7	13.18	316.7	13.37	321	13.37	324.8	14.09	327.2	15.25	329.3	17.17	330.4	20.09
210–46	2900	0.5	409.4	5.54	412.7	5.74	414.6	5.74	416.2	6.46	417.1	7.62	418	9.54	418.5	12.46
		1	400.9	9.04	406.9	9.24	410.2	9.24	413.1	9.96	414.8	11.12	416.4	13.04	417.3	15.96
		1.5	393.1	12.54	401.5	12.74	406.2	12.74	410.3	13.46	412.7	14.62	414.9	16.54	416.2	19.46
		2	385.6	16.04	396.4	16.24	402.3	16.24	407.6	16.96	410.6	18.12	413.5	20.04	415.1	22.96
210–54	2900	0.5	543	6.71	548.4	6.91	551.3	6.91	553.8	7.63	555.3	8.79	556.8	10.71	557.6	13.63
		1	529.4	11.38	539.1	11.57	544.3	11.57	548.9	12.29	551.6	13.45	554.2	15.37	555.6	18.29
		1.5	516.9	16.04	530.5	16.24	537.8	16.24	544.3	16.96	548.1	18.12	551.8	20.04	553.8	22.96
		2	504.9	20.71	522.3	20.91	531.7	20.91	540	21.63	544.9	22.79	549.5	24.71	552.1	27.63
280–43	2900	0.5	481.2	7.22	485.2	7.52	487.5	7.52	489.3	8.68	490.5	10.32	491.6	13.4	492.2	17.68
		1	470.9	11.34	478.2	11.63	482.2	11.63	485.6	12.79	487.7	14.43	489.6	17.51	490.7	21.79
		1.5	461.4	15.45	471.7	15.75	477.3	15.75	482.1	16.91	485.1	18.55	487.8	21.63	489.3	25.91
		2	452.3	19.57	465.5	19.87	472.7	19.87	478.9	21.03	482.6	22.67	486.1	25.75	488.1	30.03
280–46	2900	0.5	547.2	7.77	551.2	8.07	553.5	8.07	555.3	9.23	556.5	10.87	557.6	13.95	558.2	18.23
		1	536.9	12.44	544.2	12.73	548.2	12.73	551.6	13.89	553.7	15.53	555.6	18.61	556.7	22.89
		1.5	527.4	17.1	537.7	17.4	543.3	17.4	548.1	18.56	551.1	20.2	553.8	23.28	555.3	27.56
		2	518.3	21.77	531.5	22.07	538.7	22.07	544.9	23.23	548.6	24.87	552.1	27.95	554.1	32.23
280–54	2900	0.5	725.5	9.32	732	9.62	735.5	9.62	738.6	10.78	740.4	12.42	742.1	15.5	743.1	19.78
		1	709.1	15.54	720.7	15.83	727.1	15.83	732.6	16.99	735.9	18.63	739	21.71	740.7	25.99
		1.5	693.9	21.75	710.3	22.05	719.3	22.05	727.1	23.21	731.7	24.85	736.1	27.93	738.5	32.21
		2	679.5	27.97	700.4	28.27	711.9	28.27	721.8	29.43	727.8	31.07	733.4	34.15	736.4	38.43
440–40	2900	0.5	678.9	10.33	683	10.77	685.3	10.77	687.2	12.53	688.4	14.73	689.5	19.33	690.1	25.77
		1	668.3	16.1	675.8	16.53	679.9	16.53	683.4	18.29	685.5	20.49	687.5	25.09	688.6	31.53
		1.5	658.6	21.86	669.1	22.3	674.9	22.3	679.9	24.06	682.8	26.26	685.6	30.86	687.2	37.3
		2	825.8	34.03	844.2	34.47	854.1	34.47	862.9	36.23	868	38.43	873	43.03	875.7	49.47
440–46	2900	0.5	866.1	11.93	871.7	12.37	874.8	12.37	877.5	14.13	879.1	16.33	880.6	20.93	881.4	27.37
		1	851.7	19.3	861.9	19.73	867.4	19.73	872.3	21.49	875.1	23.69	877.9	28.29	879.4	34.73
		1.5	838.4	26.66	852.8	27.1	860.6	27.1	867.5	28.86	871.4	31.06	875.4	35.66	877.5	42.1
		2	825.8	34.03	844.2	34.47	854.1	34.47	862.9	36.23	868	38.43	873	43.03	875.7	49.47
440–52	2900	0.5	1011.3	13.23	1020.4	13.67	1025.3	13.67	1029.6	15.43	1032.1	17.63	1034.6	22.23	1035.9	28.67
		1	988.3	21.9	1004.6	22.33	1013.5	22.33	1021.3	24.09	1025.8	26.29	1030.2	30.89	1032.6	37.33
		1.5	967	30.56	990	31	1002.6	31	1013.6	32.76	1020	34.96	1026.2	39.56	1029.6	46
		2	946.8	39.23	976.2	39.67	992.2	39.67	1006.3	41.43	1014.4	43.63	1022.3	48.23	1026.7	54.67

DPSN Series Three Screw Pump Performance Table (2900r/min)

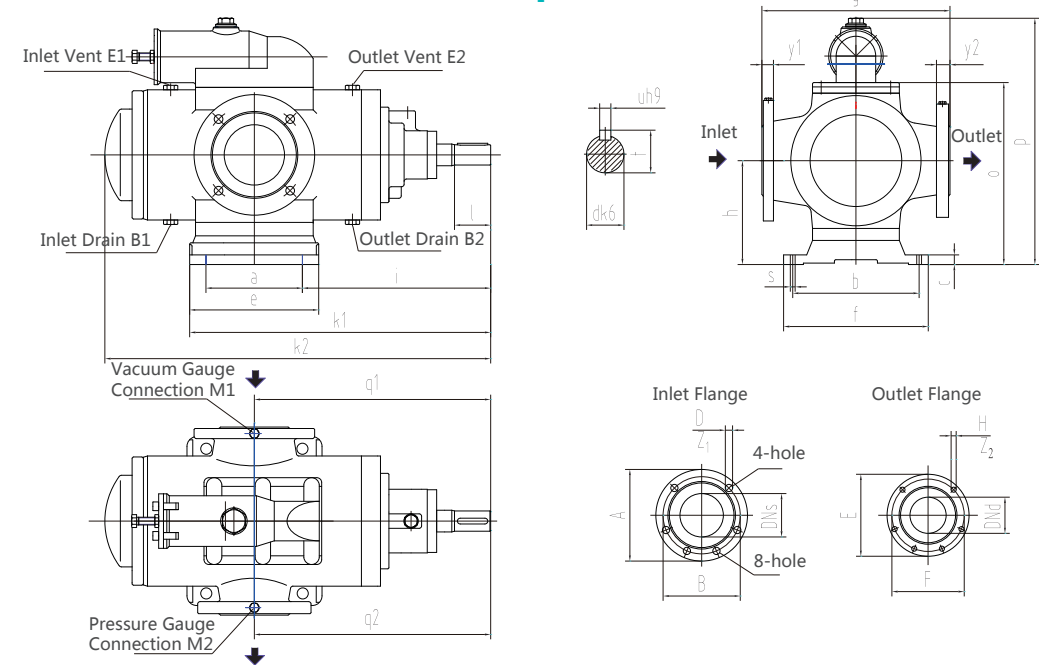
Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
440-54	2900	0.5	1131.3	14.23	1140.4	14.67	1145.3	14.67	1149.6	16.43	1152.1	18.63	1154.6	23.23	1155.9	29.67
		1	1108.3	23.9	1124.6	24.33	1133.5	24.33	1141.3	26.09	1145.8	28.29	1150.2	32.89	1152.6	39.33
		1.5	1087	33.56	1110	34	1122.6	34	1133.6	35.76	1140	37.96	1146.2	42.56	1149.6	49
		2	1066.8	43.23	1096.2	43.67	1112.2	43.67	1126.3	45.43	1134.4	47.63	1142.3	52.23	1146.7	58.67
660-40	2900	0.5	1058.4	15.54	1064	16.17	1067	16.17	1069.6	18.69	1071.2	21.77	1072.7	28.69	1073.5	37.81
		1	1044.3	24.51	1054.4	25.13	1059.8	25.13	1064.5	27.65	1067.3	30.73	1070	37.65	1071.5	46.77
		1.5	1031.3	33.47	1045.5	34.1	1053.1	34.1	1059.8	36.62	1063.7	39.7	1067.5	46.62	1069.6	55.74
		2	1018.9	42.44	1037.1	43.07	1046.8	43.07	1055.3	45.59	1060.3	48.67	1065.2	55.59	1067.9	64.71
660-44	2900	0.5	1196	16.74	1203.6	17.37	1207.7	17.37	1211.3	19.89	1213.4	22.97	1215.5	29.89	1216.6	39.01
		1	1176.7	26.91	1190.4	27.53	1197.9	27.53	1204.3	30.05	1208.1	33.13	1211.8	40.05	1213.8	49.17
		1.5	1158.9	37.07	1178.2	37.7	1188.8	37.7	1197.8	40.22	1203.2	43.3	1208.4	50.22	1211.2	59.34
		2	1142	47.24	1166.6	47.87	1180.2	47.87	1191.7	50.39	1198.6	53.47	1205.2	60.39	1208.8	69.51
660-46	2900	0.5	1296	17.57	1303.6	18.2	1307.7	18.2	1311.3	20.72	1313.4	23.8	1315.5	30.72	1316.6	39.84
		1	1276.7	28.57	1290.4	29.2	1297.9	29.2	1304.3	31.72	1308.1	34.8	1311.8	41.72	1313.8	50.84
		1.5	1258.9	39.57	1278.2	40.2	1288.8	40.2	1297.8	42.72	1303.2	45.8	1308.4	52.72	1311.2	61.84
		2	1242	50.57	1266.6	51.2	1280.2	51.2	1291.7	53.72	1298.6	56.8	1305.2	63.72	1308.8	72.84
940-36	2900	0.5	1293.3	20.39	1300.5	21.29	1304.4	21.29	1307.8	24.81	1309.8	28.93	1312.1	38.65	1312.7	50.97
		1	1275.1	31.35	1288	32.25	1295.1	32.25	1301.2	35.77	1304.8	39.89	1308.9	49.61	1310.1	61.93
		1.5	1258.3	42.32	1276.5	43.22	1286.5	43.22	1295.1	46.74	1300.2	50.86	1306	60.58	1307.7	72.9
		2	1242.3	53.29	1265.5	54.19	1278.3	54.19	1289.3	57.71	1295.8	61.83	1303.2	71.55	1305.4	83.87
940-42	2900	0.5	1535	22.47	1544.8	23.37	1550.1	23.37	1554.8	26.89	1557.5	31.01	1560.1	40.73	1561.6	53.05
		1	1510.1	35.52	1527.7	36.42	1537.4	36.42	1545.8	39.94	1550.7	44.06	1555.4	53.78	1558	66.1
		1.5	1487.1	48.57	1511.9	49.47	1525.6	49.47	1537.5	52.99	1544.4	57.11	1551	66.83	1554.7	79.15
		2	1465.3	61.62	1497	62.52	1514.4	62.52	1529.6	66.04	1538.4	70.16	1546.9	79.88	1551.6	92.2
940-46	2900	0.5	1849	25.09	1858.8	25.99	1864.1	25.99	1868.8	29.51	1871.5	33.63	1874.1	43.35	1875.6	55.67
		1	1824.1	40.75	1841.7	41.65	1851.4	41.65	1859.8	45.17	1864.7	49.29	1869.4	59.01	1872	71.33
		1.5	1801.1	56.42	1825.9	57.32	1839.6	57.32	1851.5	60.84	1858.4	64.96	1865	74.68	1868.7	87
		2	1779.3	72.09	1811	72.99	1828.4	72.99	1843.6	76.51	1852.4	80.63	1860.9	90.35	1865.6	102.67
940-50	2900	0.5	2090.3	27.25	2106	28.15	2114.6	28.15	2122	31.67	2126.4	35.79	2130.6	45.51	2132.9	57.83
		1	2050.5	45.09	2078.8	45.99	2094.2	45.99	2107.6	49.51	2115.5	53.63	2123.1	63.35	2127.2	75.67
		1.5	2013.7	62.92	2053.6	63.82	2075.4	63.82	2094.3	67.34	2105.4	71.46	2116.1	81.18	2121.9	93.5
		2	1978.7	80.75	2029.7	81.65	2057.4	81.65	2081.6	85.17	2095.8	89.29	2109.5	99.01	2116.9	111.33
1300-38	2900	0.5	1827.4	28.36	1836.5	29.59	1841.4	29.59	1845.7	34.59	1848.2	39.63	1850.6	53.75	1851.9	69.47
		1	1804.5	43.82	1820.8	45.05	1829.7	45.05	1837.4	50.05	1841.9	55.09	1846.3	69.21	1848.6	84.93
		1.5	1783.3	59.29	1806.3	60.52	1818.9	60.52	1829.7	65.52	1836.1	70.56	1842.3	84.68	1845.6	100.4
		2	1763.2	74.76	1792.6	75.99	1808.6	75.99	1822.5	80.99	1830.6	86.03	1838.5	100.15	1842.7	115.87
1300-42	2900	0.5	2181	31.39	2193.3	32.62	2200	32.62	2205.9	37.62	2209.3	42.66	2212.6	56.78	2214.4	72.5
		1	2149.7	49.89	2171.9	51.12	2184	51.12	2194.5	56.12	2200.7	61.16	2206.7	75.28	2209.9	91
		1.5	2120.7	68.39	2152.1	69.62	2169.2	69.62	2184	74.62	2192.8	79.66	2201.2	93.78	2205.7	109.5
		2	2093.2	86.89	2133.3	88.12	2155.1	88.12	2174	93.12	2185.2	98.16	2196	112.28	2201.8	128

DPSN Series Three Screw Pump NPSHr Table

Size	Speed (r/min)																					
	950							1450							2900							
	Kinematic Viscosity (mm2/s)																					
	10	20	40	75	150	380	760	10	20	40	75	150	380	760	10	20	40	75	150	380	760	
	NPSHr (m)																					
40-38	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.6		
40-46	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.5	3	3.6	
40-54	4.4	4.5	4.7	5.2	5.7	6.3	7	4.5	4.6	4.8	5.3	5.8	6.4	7.2	4.9	5	5.3	5.9	6.4	7.2	8.1	
80-36	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.6	3	
80-42	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.3	2.7	3.3	3.8	
80-46	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.2	2.3	2.5	3	3.5	4.2	5	
80-54	4.4	4.5	4.8	5.2	5.8	6.3	7.1	4.5	4.7	4.9	5.4	6	6.5	7.4	5.4	5.6	5.9	6.5	7.4	8.4	9.4	
120-42	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2	2.2	2.4	2.7	3.2	3.9	4.6	
120-46	2	2	2	2	2	2	2	2	2	2	2	2	2.1	2.4	2.5	2.6	2.9	3.4	4	5	5.9	
120-51	4.4	4.5	4.8	5.2	5.8	6.3	7.1	4.5	4.7	4.9	5.4	6	6.5	7.4	5.4	5.6	5.9	6.5	7.4	8.4	9.4	
120-54	4.4	4.5	4.8	5.2	5.8	6.4	7.2	4.6	4.7	5	5.5	6	6.7	7.4	5.9	6	6.4	7.1	8.1	9.3		
210-40	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2	2.5	2.6	2.8	3.3	3.9	4.7	5.6	
210-46	2	2	2	2	2	2	2	2	2	2	2	2.1	2.4	2.8	3.2	3.5	3.9	4.6	5.4	6.9	8	
210-54	4.5	4.7	4.8	5.4	5.9	6.4	7.3	4.7	4.9	5.2	5.7	6.2	6.9	7.9	6.8	7	7.5	8.4	9.6			
280-43	2	2	2	2	2	2	2.2	2	2	2	2.1	2.3	2.8	3.2	4.2	4.5	4.7	5.6	6.6	8.4		
280-46	2	2	2	2	2	2	2.2	2	2	2	2.1	2.3	2.8	3.2	4.2	4.5	4.7	5.6	6.6	8.4		
280-54	4.5	4.7	4.9	5.4	5.9	6.5	7.4	4.8	5	5.3	5.9	6.4	7.2	8.1	7.8	8.2	8.8					
440-40	2	2	2	2	2	2	2.1	2	2	2	2	2.2	2.5	3	3.6	3.8	4.2	5	5.8	7.2	8.6	
440-46	2	2	2	2	2	2.2	2.4	2	2	2.1	2.4	2.6	3.2	3.9	5.5	5.7	6.4	7.5	8.6			
440-52	4.6	4.7	5	5.5	6	6.6	7.5	5	5.2	5.5	6.1	6.8	7.7	8.6	9.5							
440-54	4.6	4.7	5	5.5	6	6.6	7.5	5	5.2	5.5	6.1	6.8	7.7	8.6	9.5							
660-40	2	2	2	2	2	2.1	2.4	2	2	2	2.2	2.6	3.1	3.6	4.8	5	5.6	6.7	7.8			
660-44	2	2	2	2	2.1	2.5	2.8	2.2	2.3	2.5	3	3.4	4.1	5	7.5	7.8	8.6					
660-46	2	2	2	2	2.1	2.5	2.8	2.2	2.3	2.5	3	3.4	4.1	5	7.5	7.8	8.6					
660-51	4.7	4.8	5.1	5.7	6.2	6.9	7.8	5.3	5.5	5.9	6.5	7.3	8.4	9.3								
660-54	4.7	4.8	5.1	5.7	6.2	6.9	7.8	5.3	5.5	5.9	6.5	7.3	8.4	9.3								
940-36	2	2	2	2	2	2.1	2.3	2	2	2.1	2.3	2.8	3.2	4.2	4.5	4.7	5.6	6.6	8.4	9.2		
940-42	2	2	2	2	2.1	2.3	2.6	2	2.1	2.3	2.7	3.1	3.8	4.5	6.5	6.8	7.5	8.8				
940-46	2	2	2	2.1	2.3	2.7	3.2	2.4	2.6	2.9	3.7	4	5	5.9	9.4							
940-50	4.8	4.9	5.3	5.8	6.4	7.2	8.1	5.8	6	6.4	7.1	8.1	9.3									
940-54	4.8	4.9	5.3	5.8	6.4	7.2	8.1	5.8	6	6.4	7.1	8.1	9.3									
1300-38	2	2	2	2.1	2.3	2.6	3.2	2.3	2.4	2.8	3.3	3.8	4.6	5.6	8.4	8.7	9.8					
1300-42	2	2	2	2.1	2.3	2.6	3.2	2.3	2.4	2.8	3.3	3.8	4.6	5.6	8.4	8.7	9.8					
1300-44	2	2	2	2.1	2.3	2.7	3.3	2.4	2.6	2.9	3.7	4	5	5.9	9.5							
1300-46	2	2	2	2.2	2.5	3	3.6	3	3.2	3.5	4.2	4.9	6.1	7.1								
1300-54	4.9	5.1	5.4	6	6.6	7.5	8.4	6.2	6.4	6.9	7.7	8.8										
1700-42	2	2	2	2.3	2.6	3	3.6	2.8	3	3.3	3.9	4.6	5.6	6.7								
1700-46	2	2.1	2.2	2.6	2.9	3.6	4.3	3.5	3.7	4	4.9	5.8	7.3	8.6								
2200-42	2.2	2.3	2.5	2.9	3.3	4	4.9	4	4.3	4.7	5.7	6.7	9.2									
2200-46	2.2	2.3	2.5	2.9	3.3	4	4.9	4	4.3	4.7	5.7	6.7	9.2									
2900-40	2	2.1	2.3	2.6	3.1	3.7	4.4	3.6	3.6	4.2	5.1	6	7.4	8.9								
3600-46	2.5	2.8	3	3.6	4.2	5.1	6.2	5.3	5.6	6.4	7.6	8.8										
5300-36	2	2.1	2.2	2.6	2.9	3.6	4.3	3.5	3.7	4	4.9	5.8	7.3	8.6								
5300-42	2.5	2.8	3	3.6	4.2	5.1	6.2	5.3	5.6	6.4	7.6	8.8										
5300-46	3.2	3.7	4	4.8	6.6	7.1	8.3	7.1	9													
7400-32	2	2.1	2.2	2.6	2.9	3.6	4.3	3.5	3.7	4	4.9	5.8	7.3	8.6								
7400-40	2.5	2.8	3	3.6	4.2	5.1	6.2	5.3	5.6	6.4	7.6	8.8										
9400-32	2	2.2	2.4	2.7	3.2	3.9	4.6	3.8	3.8	4.5	5.4	6.2	7.8	9.6								
9400-40	3	3.3	3.8	4.4	5.1	6.4	7.5	6.5	7	8	9.6											

DPSN Series Three Screw Pump Dimensions

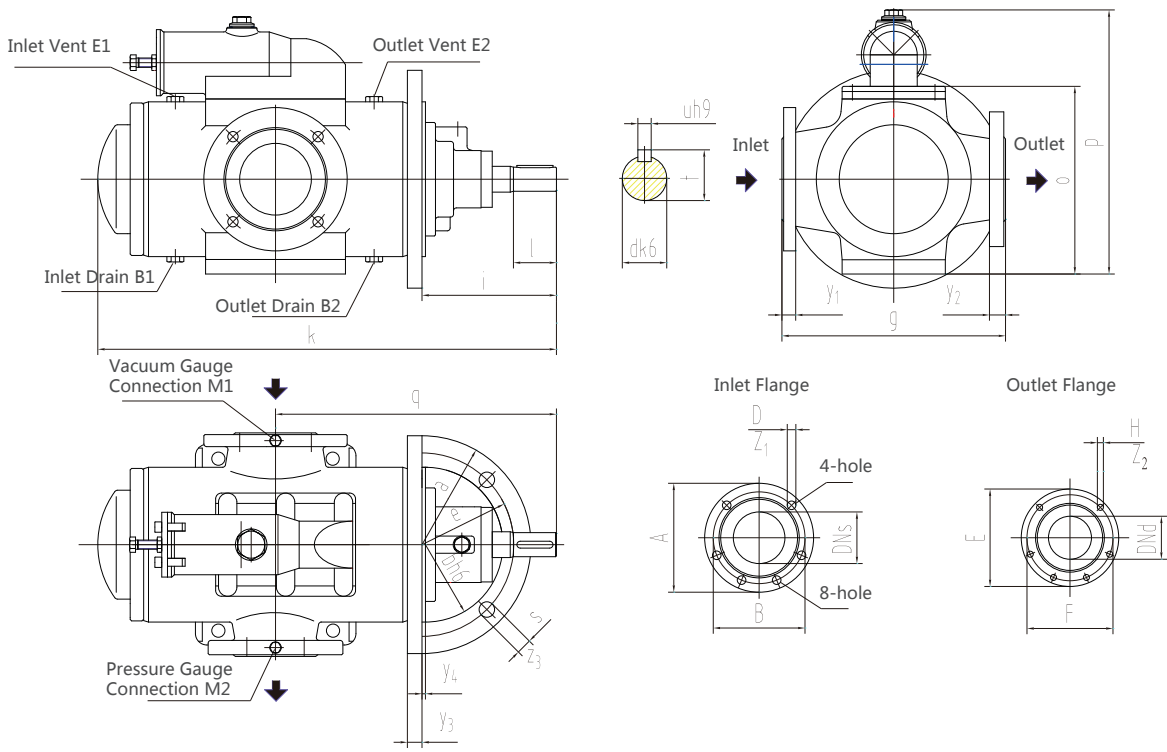
DPSNH Series Three Screw Pump Dimensions



Size	Pump Dimensions							Foot Dimensions							Shaft Extension				
	g	h	k ₂	p	o	q ₁	q ₂	a	b	c	e	f	i	k ₁	s	d	l	u	t
SNH40	200	106	393	268	189	230	230	70	144	10	114	170	192.5	284.5	11.5	19	40	6	21.5
SNH80	240	118	435	292	213	275	275	70	144	10	144	170	234.5	326.0	11.5	19	35	6	21.5
SNH120	260	150	503	335	265	317	317	140	180	15	190	210	246.0	411.0	14	24	45	8	27.0
SNH210	300	160	580	355	285	352	352	140	180	15	190	210	281.0	446.0	14	28	55	8	31.0
SNH280	330	190	630	460	330	390	390	200	300	30	280	350	291.0	531.0	23.0	32	55	10	35.0
SNH440	360	200	716	480	350	440	440	200	300	30	280	350	340.0	580.0	23.0	38	60	10	41.0
SNH660	390	215	800	510	380	490	490	200	300	30	280	350	390.0	630.0	23.0	42	75	12	45.0
SNH940	410	225	886	530	400	555	555	200	300	30	280	350	450.0	690.0	23.0	48	80	14	51.5
SNH1300	440	240	955	625	430	560	560	300	370	35	380	430	410.0	750.0	23.0	48	80	14	51.5
SNH1700	480	260	1030	665	470	600	600	300	370	35	380	430	439.0	779.0	23.0	55	80	16	59.0
SNH2200	500	265	1136	675	480	715	715	300	370	35	380	430	545.0	885.0	23.0	60	100	18	64.0
SNH2900	600	315	1323	782	578	820	820	340	420	30	430	470	660.0	1045.0	27.0	75	120	20	79.5
SNH3600	600	315	1323	782	578	820	820	340	420	30	430	470	660.0	1045.0	27.0	75	120	20	79.5

Size	Inlet Flange DIN2532=GB2555						Outlet Flange DIN2535=GB2555						Drain	Vent	Pressure Gauge Connection
	DNs	A	B	D	y ₁	Z ₁	DNd	E	F	H	y ₂	Z ₂	B ₁ /B ₂	E ₁ /E ₂	M ₁ /M ₂
SNH40	32	140	100	18	18	4	25	115	85	14	18	4	G1/4	G1/4	G1/4
SNH80	65	185	145	18	20	4	50	165	125	18	22	4	G1/4	G1/4	G1/4
SNH120	65	185	145	18	20	4	50	165	125	18	22	4	G1/4	G1/4	G1/4
SNH210	80	200	160	18	22	8	65	185	145	18	24	8	G3/8	G3/8	G1/4
SNH280	100	220	180	18	22	8	80	200	160	18	26	8	G3/8	G3/8	G3/8
SNH440	125	250	210	18	24	8	100	235	190	23	28	8	G1/2	G1/2	G1/2
SNH660	125	250	210	18	24	8	100	235	190	23	28	8	G1/2	G1/2	G1/2
SNH940	150	285	240	23	24	8	125	270	220	27	30	8	G1/2	G1/2	G1/2
SNH1300	150	285	240	23	24	8	125	270	220	27	30	8	G3/4	G3/4	G1/2
SNH1700	200	340	295	23	26	8	150	300	250	27	34	8	G3/4	G3/4	G1/2
SNH2200	200	340	295	23	26	8	150	300	250	27	34	8	G3/4	G3/4	G1/2
SNH2900	250	395	350	23	28	12	200	375	320	30	40	12	G3/4	G3/4	G1/2
SNH3600	250	395	350	23	28	12	200	375	320	30	40	12	G3/4	G3/4	G1/2

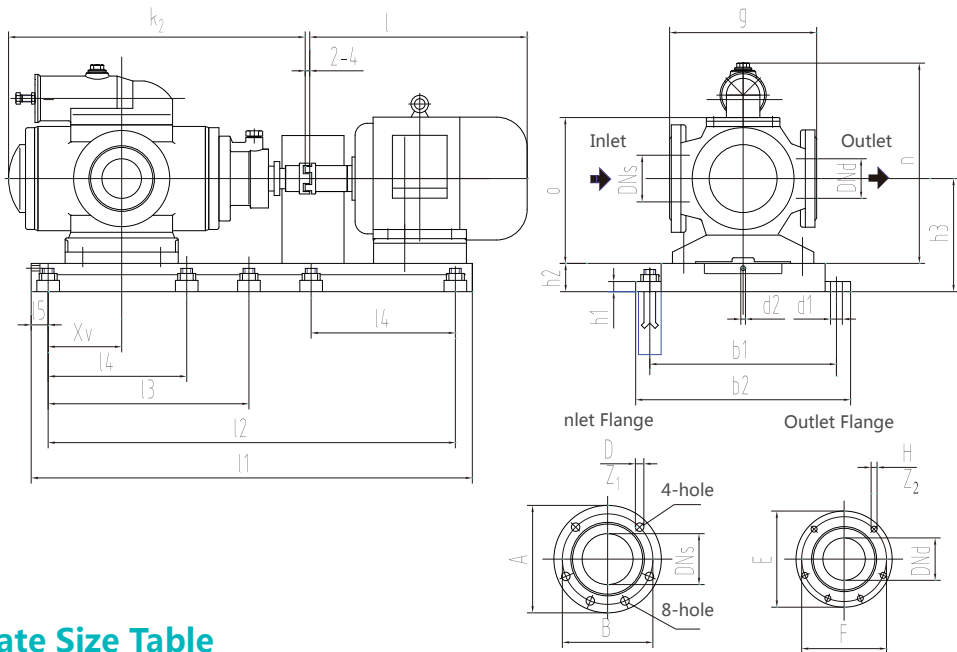
DPSNF Series Three Screw Pump Dimensions



Size	Pump Dimensions					End Flange Dimensions								Shaft Extension				
	g	k	o	p	q	a	b	e	i	s	y ₃	y ₄	Z ₃	d	l	u	t	
SNF40	200	383	166	245	230	190	130	160	130.5	14	14	5	4	19	40	6	21.5	
SNF80	240	435	190	270	275	230	155	190	138.5	18	16	5	4	19	35	6	21.5	
SNF120	260	503	230	300	317	260	185	220	168.0	18	18	5	4	24	45	8	27.0	
SNF210	300	580	250	320	352	290	205	250	186.5	18	20	6	4	28	55	8	27.0	
SNF280	330	630	280	410	390	310	220	260	194.5	23	22	6	4	32	55	10	35.0	
SNF440	360	716	300	430	440	360	250	310	209.0	27	25	6	4	38	60	10	41.0	
SNF660	390	800	330	460	490	380	270	320	239.0	27	25	6	4	42	75	12	45.0	
SNF940	410	886	350	480	555	400	290	350	251.0	23	28	6	8	48	80	14	51.5	
SNF1300	440	955	380	575	560	410	310	360	257.0	23	28	6	8	48	80	14	51.5	
SNF1700	480	1030	420	615	600	480	350	420	258.0	23	28	6	8	55	80	16	59.0	
SNF2200	500	1136	430	625	715	480	350	420	294.0	23	30	6	8	60	100	18	64.0	
SNF2900	600	1325	526	730	820	560	450	500	394.0	27	40	6	8	75	120	20	74.5	
SNF3600	600	1325	526	730	820	560	450	500	394.0	27	40	6	8	75	120	20	74.5	

Size	Inlet Flange DIN2532=GB2555						Outlet Flange DIN2535=GB2555						Drain	Vent	Pressure Gauge Connection
	DNs	A	B	D	y ₁	Z ₁	DNd	E	F	H	y ₂	Z ₂	B ₁ /B ₂	E ₁ /E ₂	M ₁ /M ₂
SNH40	32	140	100	18	18	4	25	115	85	14	18	4	G1/4	G1/4	G1/4
SNH80	65	185	145	18	20	4	50	165	125	18	22	4	G1/4	G1/4	G1/4
SNH120	65	185	145	18	20	4	50	165	125	18	22	4	G1/4	G1/4	G1/4
SNH210	80	200	160	18	22	8	65	185	145	18	24	8	G3/8	G3/8	G1/4
SNH280	100	220	180	18	22	8	80	200	160	18	26	8	G3/8	G3/8	G3/8
SNH440	125	250	210	18	24	8	100	235	190	23	28	8	G1/2	G1/2	G1/2
SNH660	125	250	210	18	24	8	100	235	190	23	28	8	G1/2	G1/2	G1/2
SNH940	150	285	240	23	24	8	125	270	220	27	30	8	G1/2	G1/2	G1/2
SNH1300	150	285	240	23	24	8	125	270	220	27	30	8	G3/4	G3/4	G1/2
SNH1700	200	340	295	23	26	8	150	300	250	27	34	8	G3/4	G3/4	G1/2
SNH2200	200	340	295	23	26	8	150	300	250	27	34	8	G3/4	G3/4	G1/2
SNH2900	250	395	350	23	28	12	200	375	320	30	40	12	G3/4	G3/4	G1/2
SNH3600	250	395	350	23	28	12	200	375	320	30	40	12	G3/4	G3/4	G1/2

DPSNH Series Three Screw Pump Unit Mounting Dimensions



Baseplate Size Table

Baseplate Size	Baseplate Dimensions										Baseplate Size	Baseplate Dimensions										
	b1	b2	d1	d2	h1	h2	l1	l2	l3	l5		b1	b2	d1	d2	h1	h2	l1	l2	l3	l4	l5
2	265	305	14.5	G1/4	25	40	515	315	–	100	11.1	520	580	25	M18×1.5	35	90	1390	1190	595	–	80
3	300	340	14.5	G3/8	30	45	575	355	–	110	12.1	575	635	25	M18×1.5	35	115	1570	1340	–	440	90
4	300	340	14.5	G3/8	30	45	645	400	–	123	12.3	645	705	25	M18×1.5	35	115	1570	1340	–	440	90
5	335	379	18.5	G3/8	30	50	725	500	–	113	13.1	575	635	25	M18×1.5	35	115	1720	1540	–	500	90
6	375	419	18.5	G3/8	30	50	825	560	–	132	14.1	675	755	25	M18×1.5	35	115	1720	1540	–	500	90
7.1	320	380	20	M14×1.5	35	73	940	630	–	155	16.3	675	736	18.5	M18×1.5	26	115	1920	1740	–	580	90
8.1	400	460	20	M18×1.5	35	75	980	630	–	155	17.1	675	736	18.5	M18×1.5	26	120	2120	1940	–	650	90
9.1	445	505	25	M18×1.5	35	87	1090	710	–	165												
10.1	470	530	25	M18×1.5	35	87	1190	900	450	130												

Pump Dimension Table

Pump Size	Inlet Flange DIN2532=GB2555					Outlet Flange DIN2535=GB2555					Pump Dimension Table			
	DNs	A	B	D	Z1	DNd	E	F	H	Z2	g	k2	n	o
SNH40	32	140	100	18	4	25	115	85	14	4	200	393	268	189
SNH80	65	185	145	18	4	50	165	125	18	4	240	435	292	213
SNH120	65	185	145	18	4	50	165	125	18	4	260	503	357	265
SNH210	80	200	160	18	8	65	185	145	18	8	300	580	377	285
SNH280	100	220	180	18	8	80	200	160	18	8	330	630	437	330
SNH440	125	250	210	18	8	100	235	190	23	8	360	716	457	350
SNH660	125	250	210	18	8	100	235	190	23	8	390	800	487	380
SNH940	150	285	240	23	8	125	270	220	27	8	410	886	507	400
SNH1300	150	285	240	23	8	125	270	220	27	8	440	955	622	430
SNH1700	200	340	295	23	8	150	300	250	27	8	480	1030	662	470
SNH2200	200	340	295	23	8	150	300	250	27	8	500	1136	672	480
SNH2900	250	395	350	23	12	200	375	320	30	12	600	1323	782	578
SNH3600	250	395	350	23	12	200	375	320	30	12	600	1323	782	578

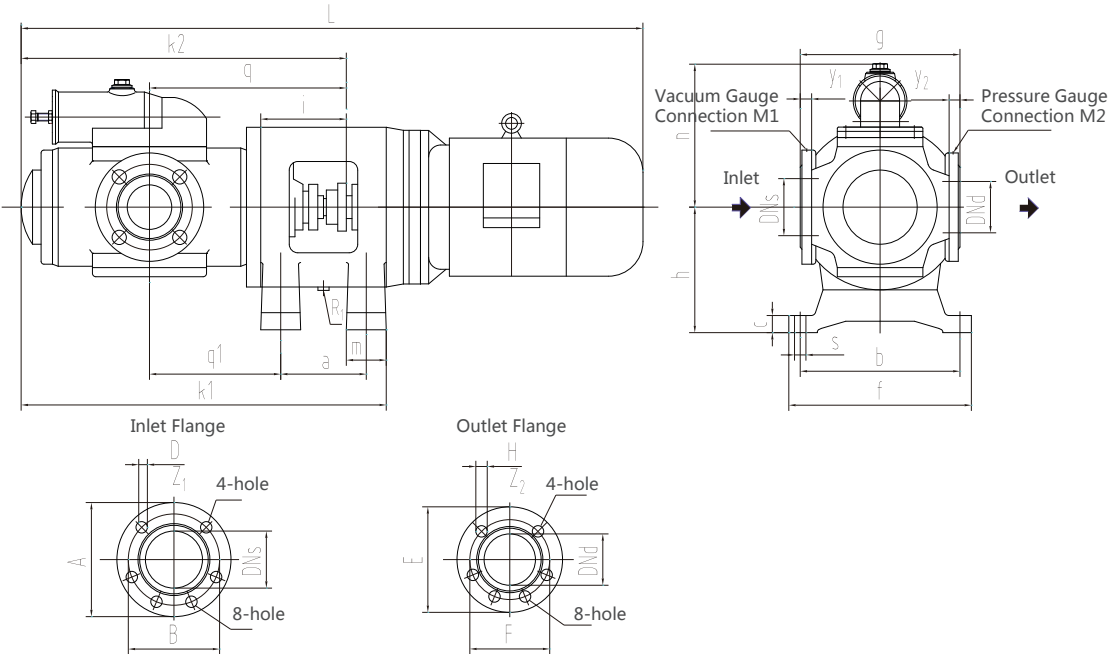
Table for Pump, Motor and Baseplate

Motor Size	80			90S / L			100L			112M			132S			132M			160M			160L			180M			
I (Approximate Value)	285			310/315			380			400			475			515			600			645			670			
Pump Size	Gr-code for a standard baseplate size, h3-unit center height, Xv-position of flange relative to anchor bolts and dimensions (note: in case of a negative value, it means holes of anchor bolts are on the right of flange center.)																											
	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	
SNH40	-45	3	150	-45	3	150	-60	4	150	-60	4	157	-50	5	182	-50	5	182										
SNH80	-60	4	163	-60	4	163	-50	5	168	-50	5	168	-50	5	182	-50	6	182	-70	8.1	235	-70	8.1	235				
SNH120	-10	5	200	-10	5	200	-25	6	200	-25	6	200	-25	6	200	-25	6	200	-40	8.1	235	-40	8.1	235	-50	9.1	267	
SNH210				-25	6	210	-40	7.1	233	-40	7.1	233	-40	8.1	235	-40	8.1	235	-50	9.1	247	-50	9.1	247	-15	9.1	267	
SNH280							10	8.1	265	10	8.1	265	10	8.1	265	0	9.1	277	35	10.1	277	35	10.1	277	35	10.1	277	
SNH440										10	8.1	275	0	9.1	287	0	9.1	287	35	10.1	287	35	10.1	287	35	10.1	287	
SNH660													0	9.1	302	35	10.1	302	185	11.1	305	165	11.1	305	165	11.1	305	
SNH940																35	10.1	312	150	11.1	315	130	11.1	315	130	11.1	315	
SNH1300																			180	11.1	330	230	12.1	355	230	12.1	355	
SNH1700																						200	12.1	375	200	12.1	375	
SNH2200																										100	12.1	380
SNH2900																										290	16.3	430
SNH3600																										290	16.3	430

Motor Size	180L			200L			225S			225M			250M			280S			280M			315S			315M		
I (Approximate Value)	710			775			800			815/845			930			1000			1050			1240/1370			1370/1410		
Pump Size	Gr-code for a standard baseplate size, h3-unit center height, Xv-position of flange relative to anchor bolts and dimensions (note: in case of a negative value, it means holes of anchor bolts are on the right of flange center.)																										
	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3	Xv	Gr	h3
SNH210	-15	10.1	267	-30	10.1	287																					
SNH280	35	10.1	277	215	11.1	290	180	11.1	315	168	11.1	315															
SNH440	170	11.1	290	170	11.1	290	140	11.1	315	120	11.1	315	210	12.1	365	135	12.3	395									
SNH660	145	11.1	305	125	11.1	305	190	12.1	340	190	12.1	340	190	12.1	365	110	12.3	395									
SNH940	110	11.1	315	170	12.1	340	150	12.1	340	140	12.1	340	105	12.1	365	180	14.1	395	170	14.1	395						
SNH1300	210	12.1	355	190	12.1	355	170	12.1	355	160	12.1	355	230	13.1	365	200	14.1	395	180	14.1	395						
SNH1700	180	12.1	375	160	12.1	375	160	13.1	375	160	13.1	375	200	13.1	375	170	14.1	395	120	14.1	395	270	16.3	430	235	16.3	430
SNH2200	200	13.1	380	200	13.1	380	180	13.1	380	180	13.1	380	140	13.1	380	210	16.3	395	190	16.3	395	160	16.3	430	250	17.1	435
SNH2900	290	16.3	430	290	16.3	430	200	16.3	430	200	16.3	430	170	16.3	430	150	16.3	430	300	17.1	435	190	17.1	435			
SNH3600	290	16.3	430	290	16.3	430	200	16.3	430	200	16.3	430	170	16.3	430	150	16.3	430	300	17.1	435	190	17.1	435			

Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.

DPSNF Series Three Screw Pump Unit Mounting Dimensions

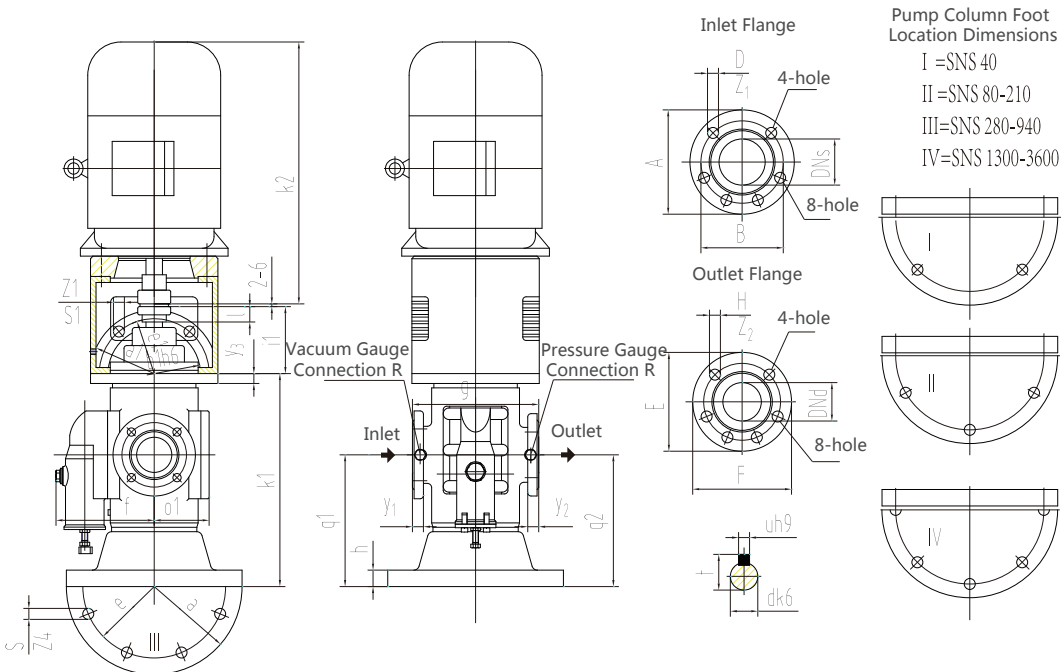


Pump Size	Pump Dimensions														Pressure Gauge Connection M1/M2	Drain R1
	a	b	c	f	g	h	i	k1	k2	m	n	q	q1	s		
SNF40	140	190	33	227	200	180	130.5	459	393	57	162	230	127.5	11	G1/4	G3/8
SNF80	140	250	40	315	240	180	138.5	497.5	435	60	174	275	167.5	18	G1/4	G3/8
SNF120	160	250	40	315	260	195	168	558	503	60	207	317	182	18	G1/4	G3/8
SNF210	180	250	40	315	300	210	186.5	632.5	580	60	217	352	194.5	18	G1/4	G3/8
SNF280	185	250	40	315	330	220	194.5	681	630	60	247	390	226	18	G3/8	G3/8
SNF440	190	355	40	410	360	280	209	778.5	716	80	257	440	272.5	23	G1/2	G1/2
SNF660	220	355	40	410	390	290	239	865	800	80	272	490	295	23	G1/2	G1/2
SNF940	235	355	40	410	410	310	251	950	886	80	282	555	344	23	G1/2	G1/2
SNF1300	235	355	40	410	440	310	257	1015.5	955	80	382	560	345.5	23	G1/2	G1/2
SNF1700	270	355	40	410	480	340	258	1121	1030	80	402	600	381	23	G1/2	G1/2
SNF2200	270	355	40	410	500	340	294	1197	1136	80	407	715	466	23	G1/2	G1/2

Pump Size	Inlet Flange DIN2532=GB2555						Outlet Flange DIN2535=GB2555						Motor Size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
													80	90	90S	90L	112M	132S	132M	160M	160L	180M	180L	200M	225S	225M	250M	280S	280M																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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DNs	A	B	D	y1	Z1	DnD	E	F	H	y2	Z2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.

DPSNS Series Three Screw Pump Unit Mounting Dimensions



Pump Size	Column Foot Flange					Drive End Flange					Pump Dimensions									
	a	h	e	s	z4	a1	b1	e1	y3	s1	z3	f	g	i1	k1	o1	q1	q2		
SNH40	250	22	220	14	4	190	130	160	14	14	4	163.5	200	130.5	260	83	160	160		
SNH80	280	23	240	18	6	230	155	190	16	18	4	175.5	240	138.5	365.5	95	229	229		
SNH120	320	25	280	18	6	260	185	220	18	18	4	185	260	168	408.5	115	260	260		
SNH210	340	25	300	18	6	290	205	250	20	18	4	195	300	186.5	396	125	230	230		
SNH280	400	30	360	18	8	310	220	260	22	23	4	246	330	194.5	546	140	350	350		
SNH440	420	35	380	18	8	360	250	310	25	27	4	256	360	209	581	150	350	350		
SNH660	480	35	440	18	8	380	270	320	25	27	4	271	390	239	601	165	350	350		
SNH940	510	40	460	18	8	400	290	350	28	23	8	281	410	251	674	175	370	370		
SNH1300	560	35	500	23	8	410	310	360	28	23	8	300	440	257	743	190	450	450		
SNH1700	600	35	540	23	8	480	350	420	28	23	8	320	480	258	808	210	466	466		
SNH2200	620	40	560	23	8	480	360	420	30	23	8	325	500	294	871	215	450	450		
SNH2900	800	60	700	30	8	560	450	500	40	27	8	461	600	394	1006	271	580	580		
SNH3600	800	60	700	30	8	560	450	500	40	27	8	461	600	394	1006	271	580	580		

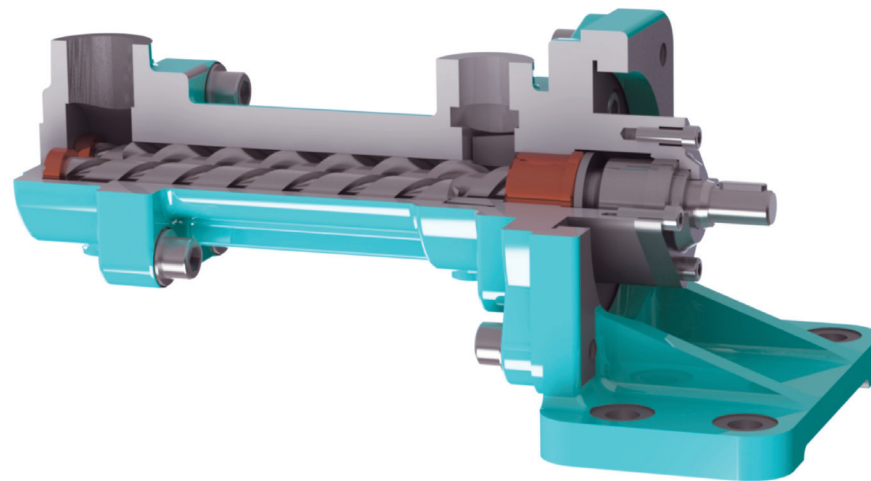
Pump Size	Inlet Flange DIN2532=GB2555						Outlet Flange DIN2535=GB2555							Standard Motor	K2	Standard Motor	K2
	A	B	C	D	y1	z1	E	F	G	H	y2	z2					
SNH40	140	100	32	18	18	4	115	85	25	14	18	4	G1/4"	71	255	180M	730
SNH80	185	145	65	18	20	4	165	125	50	18	22	4	G1/4"	80	290	180L	770
SNH120	185	145	65	18	20	4	165	125	50	18	22	4	G1/4"	90S	315	200L	850
SNH210	200	160	80	18	22	8	185	145	65	18	24	8	G1/4"	90L	340	225S	910
SNH280	220	180	100	18	22	8	200	160	80	18	26	8	G3/8"	100L	380	225M	935
SNH440	250	210	125	18	24	8	235	190	100	23	28	8	G1/2"	112M	400	250M	1035
SNH660	250	210	125	18	24	8	235	190	100	23	28	8	G1/2"	132S	475	280S	1120
SNH940	285	240	150	23	24	8	270	220	125	27	30	8	G1/2"	132M	515	280M	1170
SNH1300	285	240	150	23	24	8	270	220	125	27	30	8	G1/2"	160M	605	315S	1390
SNH1700	340	295	200	23	26	8	300	250	150	27	34	8	G1/2"	160L	670	315M	1490
SNH2200	340	295	200	23	26	8	300	250	150	27	34	8	G1/2"				
SNH2900	395	350	250	23	28	12	375	320	200	30	40	12	G1/2"				
SNH3600	395	350	250	23	28	12	375	320	200	30	40	12	G1/2"				

Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.

DP3G Series Three Screw Pump

Performance Parameters

- ▶ Capacity : max. 575 m³/h max.9583 L/min
- ▶ Differential Pressure : max. 25 bar
- ▶ Speed : max. 2900 r / min
- ▶ Fluid Viscosity : 3 ~ 760 cst
- ▶ Working Temperature : 300°C



Advantages

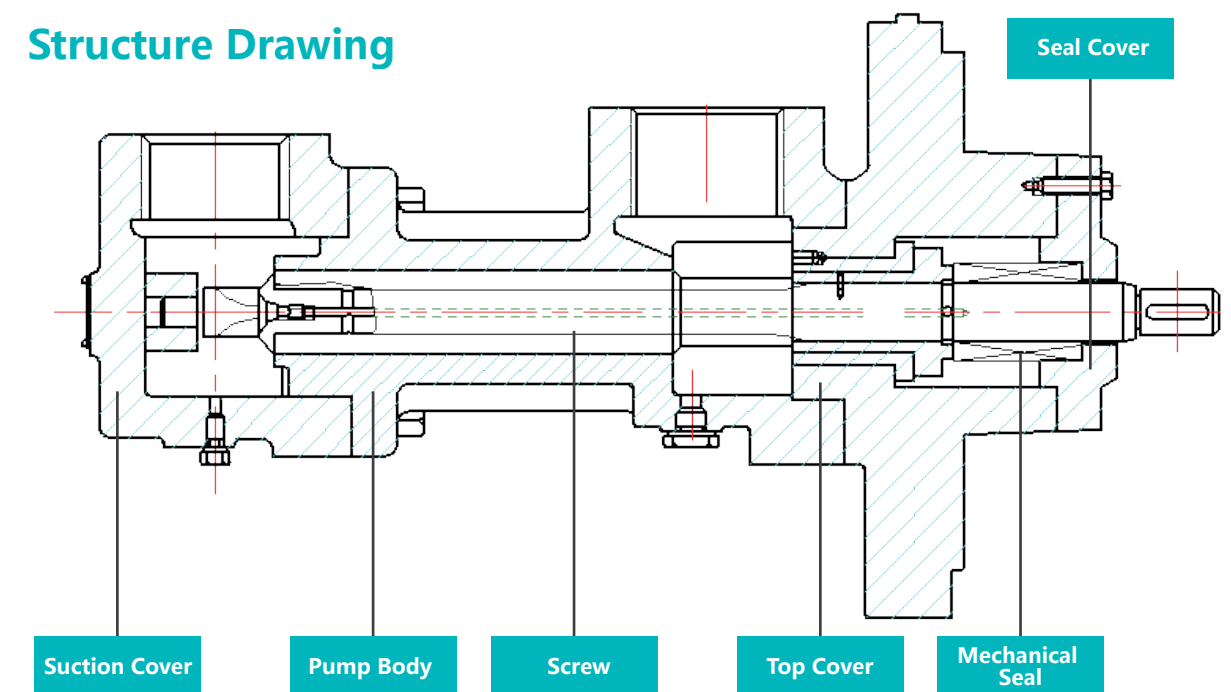
- ▶ Simple Structure: In several structural forms, generally suitable for low flow 0.2~6.5m³/h, integrated pump body and liner (called as pump body as a whole), mechanical seal for shaft.
 - ①For a pump of a medium or big flow, pump liner is a separate component fixed in pump body; a pump of a big flow is mostly in horizontal double suction structure; shaft seal can be mechanical or packing seal based on pumped fluid.
 - ②Mounting of a marine pump is horizontal or vertical and a prime mover is a VC/DC marine motor.
- ▶ Long Service Life: The drive screw is driven by a motor, there's no mechanical contact between the drive screw and the driven screws, and pumped fluid drives the driven screws to rotate around the axis; a protective film exists between the drive screw and the driven screws as well as the screws and the liners, so little mechanical friction exists in the pump and the pump can be used semi-permanently.
- ▶ Pumped fluid moves axially and rectilinearly in a constant speed, ensuring low pressure pulsation, low flow and low noise; due to a small inertia of moving parts, the starting torque is small with few vibrations.
- ▶ Strong suction capability.
- ▶ To ensure safety of pump, motor and pipeline system, a three screw pump of a medium or large flow is equipped with a safety valve; when the pressure exceeds the set pressure of the safety valve, high pressure oil will return to the oil inlet of the pump.

Principle

Three screw pumps are divided into 3G general type and special type. A three screw pump is a rotary positive displacement pump; dynamic enclosed cavities are formed by meshing of the drive screw with spiral grooves on the driven screws as well as mating of the screws with the internal surface of the 3-hole liner, continuously transfer fluid from the inlet to the outlet of the pump; when any resistance arises, pumped liquid is pressurized step by step, thus generating continuous, stable and axially moving pressurized fluid flow.

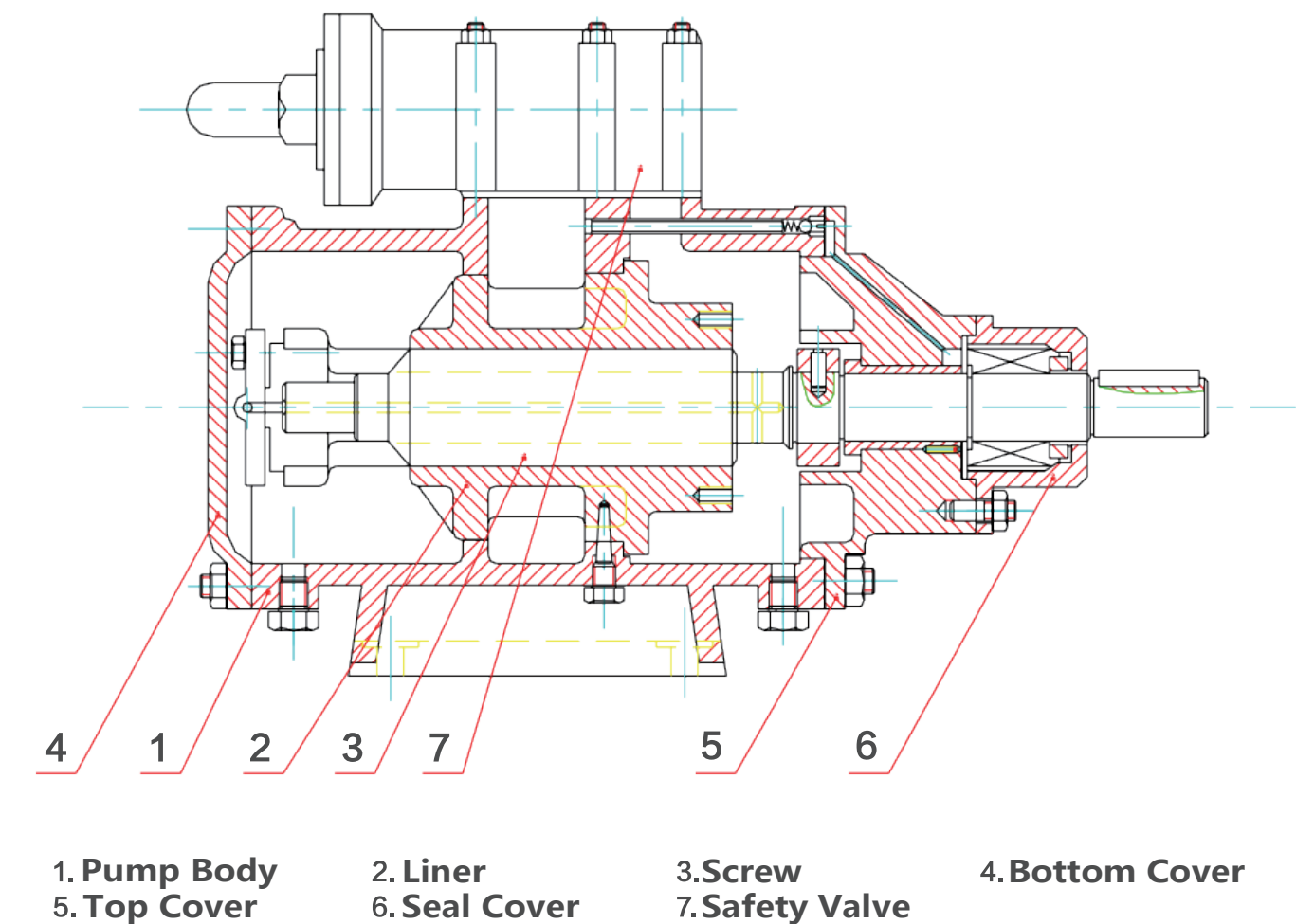


Structure Drawing



DP3G Series Three Screw Pump Performance Parameters

Sectional Drawing



DP3G Series Three Screw Pump Performance Table (950r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)													
			10		20		40		75		150		380		760	
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
3G25×4	950	0.5	9.1	0.2	9.9	0.2	10.4	0.2	10.8	0.2	11.0	0.3	11.3	0.3	11.5	0.4
		1	6.9	0.3	8.3	0.3	9.2	0.3	10.0	0.3	10.4	0.4	10.9	0.4	11.2	0.5
		1.5	4.8	0.4	6.8	0.4	8.1	0.4	9.2	0.5	9.8	0.5	10.5	0.6	10.9	0.6
3G30×4	950	0.5	17.7	0.3	18.6	0.3	19.1	0.3	19.6	0.3	19.8	0.4	20.0	0.4	20.2	0.5
		1	15.4	0.5	17.0	0.5	17.9	0.5	18.7	0.5	19.2	0.6	19.6	0.6	19.9	0.7
		1.5	13.2	0.7	15.5	0.7	16.8	0.7	17.9	0.7	18.5	0.8	19.2	0.8	19.6	0.9
3G36×4	950	0.5	32.2	0.5	33.0	0.5	33.6	0.5	34.1	0.5	34.5	0.5	34.8	0.6	35.0	0.7
		1	29.5	0.8	30.9	0.8	32.0	0.8	32.9	0.9	33.7	0.9	34.3	1.0	34.6	1.1
		1.5	27.0	1.0	28.9	1.2	30.6	1.2	31.8	1.2	32.8	1.3	33.7	1.3	34.1	1.4
3G42×4A	950	0.5	51.3	0.7	52.8	0.7	53.8	0.7	54.6	0.8	55.1	0.9	55.5	1.0	55.8	1.1
		1	47.1	1.1	49.8	1.3	51.6	1.3	53.0	1.3	53.9	1.4	54.7	1.5	55.1	1.7
		1.5	43.2	1.7	47.0	1.9	49.4	1.9	51.5	1.9	52.8	2.0	53.9	2.1	54.5	2.3
3G50×2	950	0.5	91.9	0.5	92.8	0.6	93.5	0.6	94.1	0.7	94.4	0.8	94.7	1.0	94.9	1.3
		0.4	89.2	0.8	90.8	0.9	92.0	0.9	93.0	1.0	93.6	1.2	94.1	1.3	94.4	1.7
		0.6	86.6	1.2	88.9	1.3	90.7	1.3	92.0	1.4	92.9	1.5	93.6	1.7	94.0	2.1
3G50×4A	950	0.5	87.9	1.1	89.9	1.2	91.4	1.2	92.5	1.3	93.2	1.4	93.9	1.6	94.2	1.9
		1	81.9	2.1	85.5	2.2	88.2	2.2	90.2	2.3	91.5	2.4	92.7	2.6	93.3	2.9
		1.5	76.3	3.0	81.4	3.1	85.2	3.1	88.1	3.2	89.9	3.3	91.5	3.5	92.5	3.8
3G60×2	950	0.5	159.8	1.0	161.5	1.1	162.4	1.1	163.2	1.2	163.6	1.4	164.1	1.8	164.3	2.3
		0.4	155.5	1.7	158.6	1.7	160.2	1.7	161.6	1.9	162.5	2.1	163.3	2.4	163.7	2.9
		0.6	151.7	2.4	155.9	2.4	158.2	2.4	160.2	2.6	161.5	2.8	162.5	3.1	163.2	3.6
3G70×2	950	0.5	253.3	1.6	255.6	1.7	256.9	1.7	257.9	1.9	258.6	2.1	259.2	2.7	259.6	3.4
		0.4	247.3	2.7	251.5	2.7	253.8	2.7	255.8	2.9	257.0	3.2	258.1	3.7	258.8	4.5
		0.6	241.8	3.7	247.8	3.8	250.9	3.8	253.8	4.0	255.4	4.2	257.0	4.8	257.9	5.5
3G70×4	950	0.5	244.5	3.2	249.6	3.2	252.4	3.2	254.8	3.5	256.1	3.7	257.6	4.3	258.3	5.0
		1	231.6	5.9	240.8	5.9	245.7	5.9	250.1	6.1	252.6	6.4	255.2	6.9	256.5	7.7
		1.5	219.6	8.5	232.6	8.6	239.6	8.6	245.8	8.8	249.3	9.0	252.9	9.6	254.8	10.3
3G80×2	950	0.5	379.3	2.4	382.4	2.4	384.1	2.4	385.6	2.7	386.5	3.1	387.3	3.9	387.7	5.0
		0.4	371.3	3.9	376.9	4.0	380.1	4.0	382.7	4.3	384.3	4.7	385.8	5.5	386.6	6.6
		0.6	364.0	5.5	371.9	5.6	376.3	5.6	380.0	5.9	382.2	6.3	384.4	7.1	385.6	8.2
3G80×2	950	0.8	356.9	7.1	367.1	7.2	372.7	7.2	377.5	7.5	380.3	7.9	383.0	8.7	384.6	9.7
		1	350.2	8.7	362.5	8.8	369.3	8.8	375.0	9.1	378.5	9.4	381.8	10.3	383.6	11.3

DP3G Series Three Screw Pump Performance Table (950r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)															
			10		20		40		75		150		380		760			
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)
3G85×2	950	0.2	459.0	2.9	462.0	3.0	463.9	3.0	465.5	3.3	466.7	3.8	467.5	4.8	468.0	6.2		
		0.4	451.0	4.8	455.7	4.9	459.2	4.9	462.0	5.2	464.2	5.7	465.6	6.8	466.0	8.1		
		0.6	443.0	6.7	449.9	6.8	454.9	6.8	459.0	7.2	461.9	7.6	463.9	8.7	465.4	10.0		
		0.8	436.0	8.6	444.0	8.7	450.8	8.7	456.0	9.1	459.7	9.5	462.3	10.6	464.2	11.9		
		1	429.0	10.5	439.0	10.6	446.8	10.6	453.0	11.0	457.6	11.4	460.8	12.5	463.0	13.8		
3G85×4	950	0.5	447.0	5.8	452.8	5.9	457.1	5.9	460.5	6.2	463.1	6.6	464.8	7.7	466.2	9.0		
		1	429.3	10.6	439.2	10.7	446.8	10.7	453.1	11.0	457.6	11.4	460.8	12.5	463.3	13.8		
		1.5	412.6	15.3	426.6	15.4	437.4	15.4	446.3	15.8	452.6	16.2	457.1	17.2	460.6	18.6		
		2	396.8	20.1	414.6	20.2	428.4	20.2	439.7	20.6	447.8	21.0	453.5	22.0	458.1	23.4		
3G100×2	950	0.2	744.6	4.6	749.6	4.8	752.4	4.8	754.8	5.4	756.3	6.0	757.6	7.6	758.3	9.5		
		0.4	731.6	7.7	740.8	7.9	745.8	7.9	750.2	8.5	752.7	9.1	755.2	10.7	756.5	12.6		
		0.6	719.6	10.8	732.6	11.0	739.7	11.0	745.8	11.6	749.4	12.1	752.9	13.8	754.7	15.7		
		0.8	708.3	13.9	724.9	14.1	733.9	14.1	741.7	14.7	746.3	15.2	750.8	16.9	753.1	18.8		
		1	697.3	17.0	717.4	17.2	728.3	17.2	737.7	17.8	743.3	18.3	748.7	20.0	751.6	21.9		
3G100×4	950	0.5	725.6	9.3	736.7	9.4	742.7	9.4	747.9	10.0	751.1	10.6	754.0	12.3	755.6	14.1		
		1	697.3	17.0	717.4	17.2	728.3	17.2	737.7	17.8	743.3	18.3	748.7	20.0	751.6	21.9		
		1.5	671.3	24.8	699.6	24.9	715.0	24.9	728.3	25.5	736.1	26.1	743.8	27.8	747.8	29.6		
		2	646.6	32.5	682.7	32.7	702.3	32.7	719.3	33.2	729.4	33.8	739.1	35.5	744.3	37.4		
3G110×2	950	0.2	994.4	6.2	1000.6	6.4	1004.0	6.4	1007.0	7.1	1008.7	7.8	1010.4	10.0	1011.3	12.5		
		0.4	978.5	10.3	989.7	10.5	995.9	10.5	1001.3	11.2	1004.4	11.9	1007.5	14.2	1009.1	16.6		
		0.6	963.7	14.5	979.7	14.7	988.4	14.7	995.9	15.4	1000.4	16.1	1004.7	18.3	1007.0	20.8		
		0.8	949.8	18.6	970.0	18.8	981.3	18.8	990.8	19.5	996.5	20.2	1002.0	22.4	1004.9	24.9		
		1	936.4	22.7	960.8	22.9	974.3	22.9	986.0	23.6	992.8	24.3	999.5	26.6	1003.1	29.0		
3G110×4	950	0.5	971.0	12.4	984.6	12.6	992.1	12.6	998.6	13.3	1002.3	14.0	1006.0	16.2	1008.0	18.7		
		1	936.4	22.7	960.8	22.9	974.3	22.9	986.0	23.6	992.8	24.3	999.5	26.6	1003.1	29.0		
		1.5	904.2	33.1	938.9	33.2	958.0	33.2	974.3	33.9	984.0	34.7	993.3	36.9	998.5	39.3		
		2	873.8	43.4	918.0	43.6	942.3	43.6	963.3	44.3	975.6	45.0	987.6	47.2	994.1	49.7		
3GS100×2	950	0.2	1472.9	9.0	1487.1	9.3	1496.5	9.3	1503.6	10.7	1508.0	12.4	1512.2	16.1	1514.4	20.1		
		0.4	1434.0	15.2	1459.5	15.5	1476.7	15.5	1489.5	16.9	1497.3	18.6	1504.8	22.3	1508.9	26.3		
		0.6	1398.1	21.4	1434.2	21.7	1458.4	21.7	1476.5	23.1	1487.5	24.8	1498.0	28.5	1503.8	32.5		
		0.8	1364.0	27.6	1410.0	27.9	1440.9	27.9	1463.9	29.3	1478.2	31.0	1491.6	34.7	1499.0	38.7		
		1	1331.0	33.8	1386.7	34.1	1424.1	34.1	1452.0	35.5	1469.1	37.2	1485.3	40.9	1494.3	44.9		
3GS160D×3	950	0.4	3058.9	33.5	3096.9	34.0	3133.2	34.0	3146.8	36.4	3181.0	38.7	3196.5	47.2	3207.9	55.7		
		0.8	2915.7	59.0	2984.2	59.5	3049.6	59.5	3074.2	61.9	3135.8	64.3	3163.7	72.8	3184.2	81.3		
		1.2	2783.4	84.5	2880.0	85.1	2972.3	85.1	3007.1	87.4	3094.0	89.8	3133.5	98.3	3162.4	106.8		
		1.6	2657.7	110.0	2781.1	110.6	2898.9	110.6	2943.3	112.9	3054.3	115.3	3104.8	123.8	3141.6	132.3		
3GS200D×3	950	0.4	5969.7	66.0	6049.5	67.3	6120.4	67.3	6182.3	71.6	6213.5	76.8	6244.6	90.0	6266.4	106.5		
		0.8	5685.5	116.0	5829.3	117.2	5957.0	117.2	6068.6	121.4	6124.7	126.6	6180.9	139.8	6220.1	156.4		
		1.2	5422.7	165.5	5625.8	167.0	5806.0	167.0	5963.5	171.3	6042.7	176.5	6122.0	189.7	6177.4	206.3		
		1.6	5173.0	215.0	5432.3	216.9	5662.5	216.9	5863.6	221.2	5964.8	226.3	6066.1	239.6	6136.8	256.1		

DP3G Series Three Screw Pump Performance Table (1450r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)															
			10		20		40		75		150		380		760			
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)		
3G25 x 4	1450	0.5	15.3	0.3	16.0	0.3	16.5	0.3	16.9	0.4	17.2	0.5	17.4	0.6	17.6	0.8		
		1	13.1	0.5	14.4	0.5	15.3	0.5	16.1	0.6	16.5	0.7	17.0	0.8	17.2	1.0		
		1.5	11.1	0.7	12.9	0.7	14.1	0.7	15.3	0.8	15.9	0.9	16.6	1.0	16.9	1.2		
		2	9.2	0.9	11.5	0.9	13.1	0.9	14.6	1.0	15.4	1.1	16.2	1.2	16.7	1.4		
3G30 x 4	1450	0.5	28.8	0.4	29.5	0.5	30.0	0.5	30.4	0.6	30.7	0.7	30.9	0.8	31.1	1.0		
		1	26.6	0.7	27.9	0.8	28.8	0.8	29.6	0.9	30.1	1.0	30.5	1.1	30.8	1.3		
		1.5	24.6	1.0	26.4	1.1	27.6	1.1	28.8	1.2	29.4	1.3	30.1	1.4	30.5	1.6		
		2	22.7	1.3	25.0	1.4	26.6	1.4	28.1	1.5	28.9	1.6	29.7	1.7	30.2	1.9		
3G36 x 4	1450	0.5	51.1	0.7	51.8	0.8	52.5	0.8	52.9	0.9	53.4	1.0	53.7	1.1	53.9	1.3		
		1	48.3	1.2	49.7	1.3	50.9	1.3	51.8	1.4	52.5	1.5	53.1	1.7	53.4	1.9		
		1.5	45.8	1.8	47.7	1.9	49.4	1.9	50.6	2.0	51.7	2.1	52.5	2.2	52.9	2.4		
		2	43.4	2.3	45.9	2.4	47.9	2.4	49.6	2.5	50.9	2.6	52.0	2.8	52.5	3.0		
3G42 x4A	1450	0.5	81.2	1.1	82.7	1.2	83.6	1.2	84.4	1.3	84.9	1.5	85.4	1.8	85.6	2.2		
		1	77.0	2.0	79.7	2.1	81.4	2.1	82.8	2.2	83.7	2.4	84.5	2.6	85.0	3.1		
		1.5	73.1	2.9	76.9	3.0	79.3	3.0	81.3	3.1	82.6	3.3	83.7	3.5	84.4	4.0		
		2	69.4	3.8	74.2	3.9	77.3	3.9	79.9	4.2	81.5	4.1	83.0	4.4	83.8	4.8		
3G50 x 2	1450	0.2	142.4	1.0	143.3	1.1	144.0	1.1	144.5	1.3	144.8	1.6	145.1	2.0	145.3	2.8		
		0.4	139.6	1.6	141.3	1.7	142.5	1.7	143.4	1.9	144.0	2.2	144.6	2.6	144.9	3.4		
		0.6	137.1	2.2	139.4	2.3	141.1	2.3	142.5	2.5	143.3	2.8	144.1	3.2	144.5	4.0		
		0.8	134.6	2.8	137.6	2.9	139.8	2.9	141.6	3.1	142.6	3.4	143.6	3.8	144.0	4.6		
		1	132.3	3.4	135.9	3.5	138.6	3.5	140.7	3.7	141.9	4.0	143.1	4.4	143.7	5.2		
3G50 x4A	1450	0.5	138.3	1.9	140.3	2.0	141.8	2.0	143.0	2.2	143.7	2.5	144.3	2.9	144.7	3.7		
		1	132.3	3.4	135.9	3.5	138.6	3.5	140.7	3.7	141.9	4.0	143.1	4.4	143.7	5.2		
		1.5	126.7	4.9	131.8	5.0	135.6	5.0	138.6	5.2	140.3	5.4	142.0	5.9	142.9	6.7		
		2	121.5	6.3	127.9	6.4	132.8	6.4	136.6	6.7	138.8	6.9	140.9	7.4	142.1	8.1		
3G60 x 2	1450	0.2	246.7	1.9	248.4	2.0	249.3	2.0	250.1	2.3	250.6	2.7	251.0	3.6	251.3	4.8		
		0.4	242.5	2.9	245.4	3.0	247.1	3.0	248.5	3.3	249.4	3.8	250.2	4.6	250.7	5.8		
		0.6	238.5	3.9	242.8	4.0	245.2	4.0	247.1	4.3	248.3	4.8	249.4	5.6	250.1	6.8		
		0.8	234.8	5.0	240.2	5.0	243.2	5.0	245.8	5.4	247.3	5.8	248.8	6.7	249.6	7.8		
		1	231.2	6.0	237.8	6.1	241.4	6.1	244.4	6.4	246.3	6.8	248.0	7.7	249.0	8.9		
3G70 x 2	1450	0.2	390.4	2.6	392.8	3.0	394.0	3.0	395.1	3.5	395.7	4.1	396.4	5.3	396.7	7.1		
		0.4	384.5	4.5	388.7	4.6	391.0	4.6	392.9	5.1	394.1	5.7	395.3	7.0	395.9	8.7		
		0.6	379.0	6.1	384.9	6.2	388.1	6.2	391.0	6.7	392.6	7.3	394.2	8.6	395.1	10.4		
		0.8	373.8	7.7	381.3	7.9	385.5	7.9	389.1	8.3	391.1	8.9	393.3	10.2	394.4	12.0		
		1	368.7	9.4	377.9	9.5	382.9	9.5	387.3	10.0	389.8	10.6	392.3	11.8	393.7	13.6		
3G70 x 4	1450	0.5	381.7	5.3	386.7	5.4	389.5	5.4	392.0	5.9	393.4	6.5	394.7	7.8	395.5	9.5		
		1	368.7	9.4	377.9	9.5	382.9	9.5	387.3	10.0	389.8	10.6	392.3	11.8	393.7	13.6		
		1.5	356.8	13.4	369.7	13.5	376.7	13.5	383.0	14.0	386.5	14.6	390.1	15.9	392.0	17.7		
		2	345.4	17.5	362.0	17.6	370.9	17.6	378.8	18.1	383.4	18.7	387.9	19.9	390.3	21.7		

DP3G Series Three Screw Pump Performance Table (1450r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)															
			10		20		40		75		150		380		760			
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)		
3G80 x 2	1450	0.2	584.1	4.2	587.3	4.4	589.0	4.4	590.4	5.1	591.3	5.9	592.1	7.8	592.6	10.4		
		0.4	576.1	6.6	581.8	6.8	584.9	6.8	587.5	7.5	589.1	8.4	590.6	10.3	591.5	12.8		
		0.6	568.8	9.1	576.7	9.2	581.1	9.2	584.8	9.9	587.1	10.8	589.2	12.7	590.4	15.2		
		0.8	561.8	11.5	572.0	11.7	577.5	11.7	582.3	12.4	585.2	13.2	587.9	15.1	589.4	17.6		
		1	555.0	13.9	567.4	14.1	574.1	14.1	579.9	14.8	583.3	15.6	586.6	17.5	588.4	20.0		
3G85 x 2	1450	0.2	707.0	5.4	709.5	5.5	711.5	5.5	713.1	6.2	714.2	7.2	715.0	9.6	715.6	12.8		
		0.4	698.7	8.3	703.3	8.4	706.8	8.4	709.7	9.1	711.7	10.1	713.2	12.6	714.2	15.7		
		0.6	691.1	11.2	697.5	11.3	702.4	11.3	706.5	12.1	709.4	13.1	711.5	15.5	712.9	18.7		
		0.8	683.8	14.1	692.0	14.2	698.3	14.2	703.5	15.0	707.2	16.0	709.9	18.4	711.7	21.6		
		1	676.8	17.0	686.7	17.1	694.4	17.1	700.7	17.9	705.2	18.9	708.3	21.3	710.6	24.5		
3G85 x 4	1450	0.5	694.8	9.7	700.3	9.8	704.6	9.8	708.1	10.6	710.6	11.6	712.3	14.0	713.6	17.2		
		1	676.8	17.0	686.7	17.1	694.4	17.1	700.7	17.9	705.2	18.9	708.3	21.3	710.6	24.5		
		1.5	660.1	24.3	674.1	24.4	684.9	24.4	693.8	25.2	700.2	26.2	704.6	28.6	707.8	31.8		
		2	644.3	31.7	662.1	31.8	675.9	31.8	687.3	32.5	695.4	33.5	701.1	35.9	705.1	39.1		
3G100 x 2	1450	0.2	1144.9	8.3	1150.0	8.6	1152.7	8.6	1155.2	10.0	1156.6	11.4	1157.9	15.3	1158.7	19.6		
		0.4	1131.9	13.0	1141.1	13.3	1146.2	13.3	1150.5	14.7	1153.0	16.1	1155.5	20.0	1156.9	24.3		
		0.6	1120.0	17.7	1132.9	18.1	1140.0	18.1	1146.2	19.4	1149.8	20.8	1153.3	24.7	1155.2	29.0		
		0.8	1108.6	22.5	1125.2	22.8	1134.2	22.8	1142.0	24.2	1146.6	25.6	1151.1	29.4	1153.4	33.8		
		1	1097.7	27.2	1117.7	27.5	1128.6	27.5	1138.1	28.9	1143.6	30.3	1149.0	34.2	1151.9	38.5		
3G100 x 4	1450	0.5	1125.9	15.4	1137.0	15.7	1143.0	15.7	1148.3	17.1	1151.4	18.5	1154.3	22.4	1156.0	26.7		
		1	1097.7	27.2	1117.7	27.5	1128.6	27.5	1138.1	28.9	1143.6	30.3	1149.0	34.2	1151.9	38.5		
		1.5	1071.6	39.0	1099.9	39.4	1115.3	39.4	1128.6	40.7	1136.5	42.1	1144.1	46.0	1148.1	50.3		
		2	1046.9	50.8	1083.0	51.2	1102.6	51.2	1119.6	52.6	1129.7	53.9	1139.4	57.8	1144.6	62.2		
3G110x2	1450	0.2	1528.2	11.1	1534.4	11.6	1537.8	11.6	1540.8	13.2	1542.5	14.9	1544.2	20.1	1545.1	25.8		
		0.4	1512.3	17.4	1523.5	17.9	1529.7	17.9	1535.0	19.5	1538.2	21.2	1541.3	26.4	1542.9	32.1		
		0.6	1497.5	23.7	1513.4	24.2	1522.2	24.2	1529.7	25.8	1534.1	27.5	1538.5	32.7	1540.8	38.4		
		0.8	1483.6	30.0	1503.8	30.5	1515.1	30.5	1524.6	32.1	1530.3	33.8	1535.8	39.0	1538.7	44.7		
		1	1470.2	36.3	1494.6	36.8	1508.1	36.8	1519.7	38.4	1526.6	40.1	1533.2	45.3	1536.8	51.0		
3G110 x 4	1450	0.5	1504.8	20.6	1518.4	21.0	1525.9	21.0	1532.3	22.6	1536.1	24.3	1539.8	29.5	1541.8	35.2		
		1	1470.2	36.3	1494.6	36.8	1508.1	36.8	1519.7	38.4	1526.6	40.1	1533.2	45.3	1536.8	51.0		
		1.5	1438.0	52.1	1472.7	52.6	1491.8	52.6	1508.1	54.2	1517.8	55.9	1527.2	61.1	1532.3	66.8		
		2	1407.6	67.9	1451.8	68.3	1476.1	68.3	1497.1	69.9	1509.4	71.6	1521.4	76.8	1527.8	82.5		
3GS110x 2	1450	0.2	2273.6	16.1	2287.7	16.7	2297.3	16.7	2304.4	20.0	2308.7	24.0	2312.8	32.6	2315.2	41.9		
		0.4	2234.7	25.5	2260.3	26.2	2277.4	26.2	2290.2	29.5	2298.1	33.4	2305.4	42.0	2309.6	51.4		
		0.6	2198.7	35.0	2234.9	35.6	2259.0	35.6	2277.1	38.9	2288.2	42.9	2298.7	51.5	2304.5	60.8		
		0.8	2164.6	44.5	2210.7	45.1	2241.6	45.1	2264.7	48.4	2278.8	52.4	2292.2	60.9	2299.7	70.3		
		1	2131.7	53.9	2187.5	54.6	2224.8	54.6	2252.7	57.9	2269.8	61.8	2286.0	70.4	2295.0	79.8		
3GS160Dx 3	1450	0.4	4763.6	57.5	4801.6	58.8	4837.9	58.8	4851.5	64.3	4885.6	69.8	4901.2	89.6	4912.5	109.4		
		0.8	4620.4	96.2	4688.9	97.7	4754.3	97.7	4778.9	103.2	4840.5	108.7	4868.5	128.5	4888.9	148.3		
		1.2	4488.1	135.2	4584.7	136.7	4677.0	136.7	4711.8	142.2	4798.7	147.7	4838.2	167.5	4867.1	187.3		
		1.6	4362.3	174.2	4485.7	175.7	4603.6	175.7	4648.0	181.2	4758.9	186.7	4809.5	206.5	4846.3	226.3		
3GS200Dx 3	1450	0.4	9251.0	111	9330.4	114.3	9400.8	114.3	9462.4	126.7	9493.4	138.8	9524.4	169.6	9546.0	208.1		
		0.8	8968.2	187	9111.3	190	9238.4	190	9349.3	202.9	9405.2	214.9	9461.0	245.8	9500.0	284.3		
		1.2	8706.9	261.8	8908.8	265.7	9088.2	265.7	9244.8	279.0	9323.6	291.1	9402.5	321.9	9457.5	360.4		
		1.6	8458.5	340.7	8716.5	341.7	8945.4	341.7	9145.4	355.1	9246.1	367.2	9346.8	398.0	9417.2	436.5		

DP3G Series Three Screw Pump Performance Table (2900r/min)

Size	Speed (r/min)	Pressure (MPa)	Kinematic Viscosity (mm2/s)															
			10		20		40		75		150		380		760			
			Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)	Capacity (L/min)	Shaft Power (KW)		
3G25 x 4	2900	0.5	33.8	0.9	34.5	1.0	35.0	1.0	35.4	1.3	35.7	1.7	35.9	2.1	36.1	3.0		
		1	31.6	1.3	32.9	1.4	33.8	1.4	34.6	1.7	35.0	2.1	35.5	2.5	35.7	3.4		
		1.5	29.6	1.6	31.4	1.7	32.6	1.7	33.8	2.0	34.4	2.4	35.1	2.9	35.4	3.8		
		2	27.7	2.0	30.0	2.1	31.6	2.1	33.0	2.4	33.9	2.8	34.7	3.2	35.1	4.1		
3G30 x 4	2900	0.5	60.3	1.2	61.0	1.3	61.5	1.3	62.0	1.6	62.2	2.0	62.5	2.6	62.6	3.5		
		1	58.1	1.8	59.4	1.9	60.3	1.9	61.1	2.3	61.6	2.7	62.0	3.2	62.3	4.2		
		1.5	56.1	2.5	57.9	2.6	59.2	2.6	60.3	2.9	61.0	3.3	61.6	3.9	61.9	4.8		
		2	54.2	3.1	56.5	3.2	58.1	3.2	59.6	3.5	60.4	4.0	61.2	4.5	61.7	5.5		
3G36 x 4	2900	0.5	105.5	1.9	106.3	2.0	106.9	2.0	107.4	2.3	107.8	2.9	108.2	3.3	108.3	4.2		
		1	102.8	3.0	104.1	3.1	105.3	3.1	106.2	3.5	106.9	4.0	107.6	4.4	107.8	5.3		
		1.5	100.3	4.1	102.1	4.2	103.8	4.2	105.1	4.6	106.1	5.1	107.0	5.5	107.4	6.4		
		2	97.9	5.2	100.3	5.3	102.4	5.3	104.0	5.7	105.3	6.2	106.5	6.6	106.9	7.5		
3G42x4A	2900	0.5	167.6	3.0	169.1	3.1	170.0	3.1	170.8	3.5	171.3	4.4	171.8	5.3	172.0	7.0		
		1	163.4	4.7	166.1	4.8	167.8	4.8	169.2	5.3	170.1	6.2	170.9	7.0	171.4	8.8		
		1.5	159.5	6.5	163.3	6.6	165.7	6.6	167.7	7.0	169.0	7.9	170.1	8.8	170.8	10.6		
		2	155.8	8.3	160.6	8.4	163.7	8.4	166.3	8.8	167.9	9.7	169.4	10.6	170.2	12.3		
3G50 x 2	2900	0.2	288.2	3.1	289.1	3.2	289.8	3.2	290.3	4.0	290.6	5.1	290.9	6.9	291.1	10.0		
		0.4	285.4	4.3	287.1	4.4	288.3	4.4	289.2	5.2	289.8	6.3	290.4	8.1	290.7	11.2		
		0.6	282.9	5.5	285.2	5.6	286.9	5.6	288.3	6.4	289.1	7.5	289.9	9.3	290.3	12.4		
		0.8	280.4	6.7	283.4	6.8	285.6	6.8	287.4	7.6	288.4	8.7	289.4	10.5	289.9	13.6		
3G50x4A	2900	1	278.1	7.9	281.7	8.0	284.4	8.0	286.5	8.8	287.7	9.9	288.9	11.7	289.5	14.7		
		0.5	284.0	4.9	286.1	5.0	287.6	5.0	288.8	5.8	289.5	6.9	290.1	8.7	290.5	11.8		
		1	278.1	7.9	281.7	8.0	284.4	8.0	286.5	8.8	287.7	9.9	288.9	11.7	289.5	14.7		
		1.5	272.5	10.8	277.6	10.9	281.4	10.9	284.4	11.8	286.1	12.9	287.8	14.6	288.7	17.7		
3G60x 2	2900	2	267.3	12.8	273.8	13.9	278.6	13.9	282.4	14.7	284.6	15.8	286.7	17.6	287.9	20.7		
		0.2	498.7	5.5	500.4	5.8	501.3	5.8	502.1	7.1	502.6	8.9	503.0	12.3	503.3	17.0		
		0.4	494.5	7.5	497.4	7.8	499.1	7.8	500.5	9.1	501.4	10.9	502.2	14.3	502.7	19.0		
		0.6	490.5	9.6	494.8	9.9	497.2	9.9	499.1	11.2	500.3	13.0	501.4	16.4	502.1	21.1		
3G70 x 2	2900	0.8	486.8	11.6	492.2	12.0	495.2	12.0	497.8	13.2	499.3	15.0	500.8	18.4	501.6	23.1		
		1	483.2	13.7	489.8	14.0	493.4	14.0	496.4	15.3	498.3	17.1	500.0	20.5	501.0	25.2		
		0.2	788.2	8.3	790.6	8.7	791.8	8.7	792.9	10.7	793.5	13.1	794.2	18.2	794.5	25.2		
		0.4	782.3	11.5	786.5	12.0	788.8	12.0	790.7	13.9	791.9	16.3	793.1	21.4	793.7	28.5		
3G70x 4	2900	0.6	776.8	14.7	782.7	15.2	785.9	15.2	788.8	17.2	790.4	19.6	792.0	24.6	792.9	31.7		
		0.8	771.6	18.0	779.1	18.5	783.3	18.5	786.9	20.4	788.9	22.8	791.1	27.9	792.2	35.0		
		1	766.5	21.2	775.7	21.7	780.7	21.7	785.1	23.6	787.6	26.1	790.1	31.1	791.5	38.2		
		0.5	779.5	13.1	784.5	13.6	787.3	13.6	789.8	15.5	791.2	18.0	792.5	23.0	793.3	30.1		
3G80 x 2	2900	1	766.5	21.2	775.7	21.7	780.7	21.7	785.1	23.6	787.6	26.1	790.1	31.1	791.5	38.2		
		1.5	754.6	29.3	767.5	29.8	774.5	29.8	780.8	31.7	784.3	34.2	787.9	39.2	789.8	46.3		
		2	743.2	37.4	759.8	37.9	768.7	37.9	776.6	39.9	781.2	42.3	785.7	47.3	788.1	54.4		
		0.2	1178.1	12.1	1181.3	12.8	1183.0	12.8	1184.4	15.5	1185.3	18.9	1186.1	26.5	1186.6	36.6		
3G85 x 2	2900	0.4	1170.1	16.9	1175.8	17.6	1178.9	17.6	1181.5	20.4	1183.1	23.8	1184.6	31.4	1185.5	41.4		
		0.6	1162.8	21.7	1170.7	22.4	1175.1	22.4	1178.8	25.2	1181.1	28.6	1183.2	36.2	1184.4	46.2		
		0.8	1155.8	26.6	1166.0	27.3	1171.5	27.3	1176.3	30.1	1179.2	33.4	1181.9	41.1	1183.4	51.1		
		1	1149.0	31.4	1161.4	32.1	1168.1	32.1	1173.9	34.9	1177.3	38.3	1180.6	45.9	1182.4	55.9		
3G85 x 2	2900	0.2	1424.3	15.5	1426.8	16.0	1428.8	16.0	1430.4	19.0	1431.5	23.0	1432.3	32.7	1432.9	45.4		
		0.4	1416.0	21.3	1420.5	21.8	1424.1	21.8	1427.0	24.9	1429.0	28.8	1430.5	38.5	1431.5	51.3		
		0.6	1408.4	27.2	1414.8	27.7	1419.7	27.7	1423.8	30.7	1426.7	34.7	1428.8	44.4	1430.2	57.1		
		0.8	1401.1	33.0	1409.3	33.5	1415.6	33.5	1420.8	36.6	1424.5	40.5	1427.2	50.2	1429.0	63.0		
3G85 x 4	2900	1	1394.1	38.8	1404.0	39.3	1411.7	39.3	1418.0	42.4	1422.5	46.4	1425.6	56.1	1427.9	68.8		
		0.5	1412.1	24.2	1417.6	24.7	1421.9	24.7	1425.4	27.8	1427.9	31.8	1429.6	41.5	1430.9	54.2		
		1	1394.1	38.8	1404.0	39.3	1411.7	39.3	1418.0	42.4	1422.5	46.4	1425.6	56.1	1427.9	68.8		
		1.5	1377.4	53.5	1391.4	54.0	1402.2	54.0	1411.1	57.0	1417.5	61.0	1421.9	70.7	1425.1	83.4		
3G85 x 4	2900	2	1361.6	68.1	1379.4	68.6	1393.2	68.6	1404.6	71.6	1412.7	75.6	1418.4	85.3	1422.4	98.0		

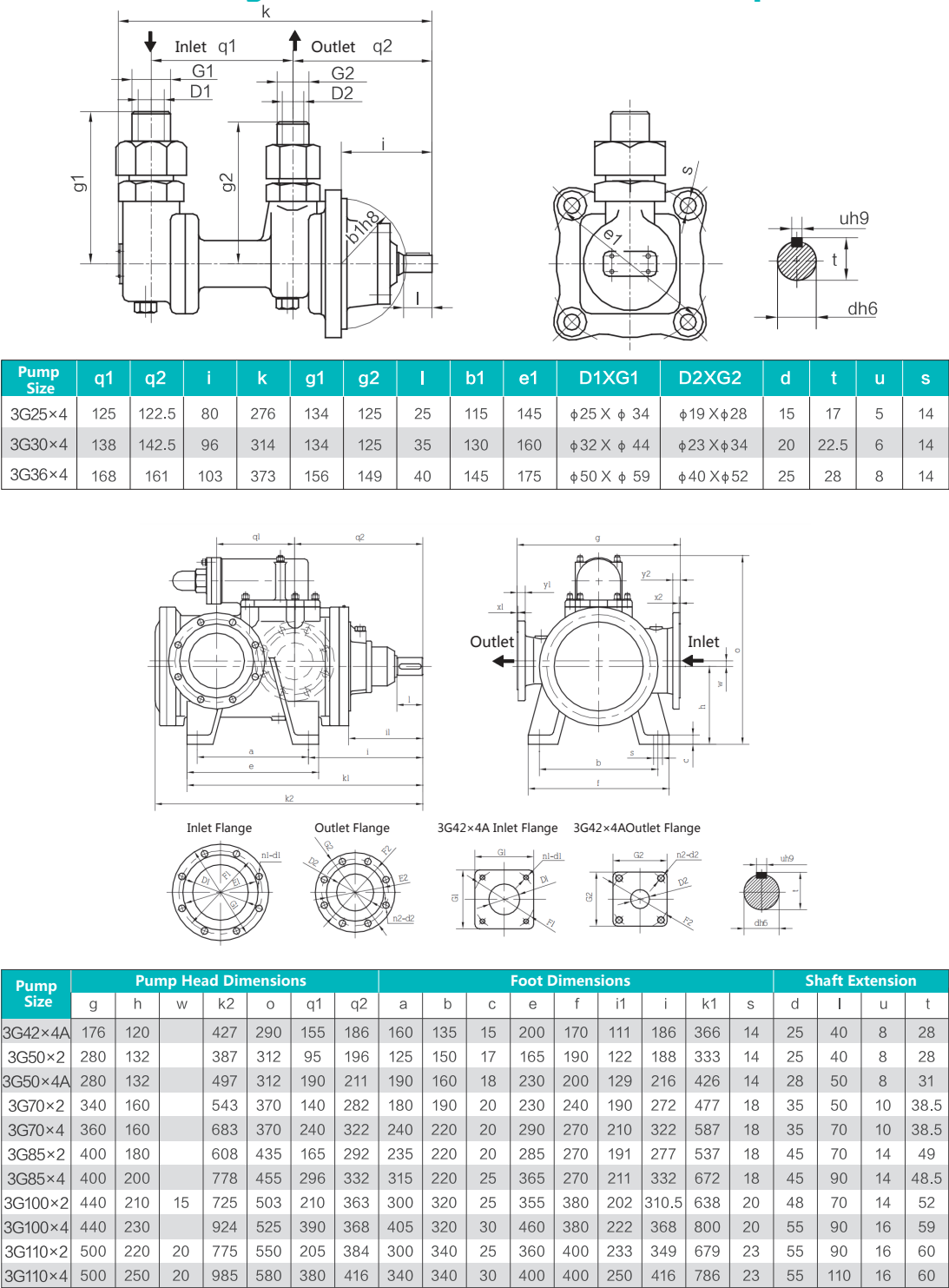
DP3G Series Three Screw Pump NPSHr Table

Size	Speed (r/min)																					
	950							1450							2900							
	Kinematic Viscosity (mm2/s)																					
	10	20	40	75	150	380	760	10	20	40	75	150	380	760	10	20	40	75	150	380	760	
	NPSHr (m)																					
3G 25×4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3	3.6	
3G 30×4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.3	4
3G 36×4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3	3.5	4	5
3G 42×4A	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3	2.5	3.5	3.2	3.7	4.3	5.3	6
3G 50×2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.9	3.2	3.5	3.7	4	4.8	5.5	6.9	8
3G 50×4A	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.9	3.2	3.5	3.7	4	4.8	5.5	6.9	8
3G 60×2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.8	3.3	3.7	4.7	5.0	5.2	6.1	7.1	8.9	
3G 70×2	2.5	2.5	2.5	2.5	2.5	2.7	2.9	2.5	2.5	2.7	2.9	3.2	3.7	4.4	5.5	5.7	6.9	8	9.3			
3G 70×4	2.5	2.5	2.5	2.5	2.5	2.7	2.9	2.5	2.5	2.7	2.9	3.2	3.7	4.4	5.5	5.7	6.9	8	9.3			
3G 80×2	2.5	2.5	2.5	2.5	2.6	3	3.3	2.7	2.8	3	3.5	3.9	4.6	5.5	8	8.3	9.1					
3G 85×2	2.5	2.5	2.5	2.5	2.7	3.1	3.5	2.7	3	3.2	3.7	4.5	5.1	6	8.5	8.5						
3G 85×4	2.5	2.5	2.5	2.5	2.7	3.1	3.5	2.7	3	3.2	3.7	4.5	5.1	6	8.5	8.5						
3G 100×2	2.5	2.5	2.5	2.7	3	3.5	4.2	3.5	3.7	4	4.7	5.4	6.6	7.6								
3G 100×4	2.5	2.5	2.5	2.7	3	3.5	4.2	3.5	3.7	4	4.7	5.4	6.6	7.6								
3G 110×2	2.5	2.6	2.7	3.1	3.4	4.1	4.8	4	4.2	4.5	5.5	6.3	8	9								
3G 110×4	2.5	2.6	2.7	3.1	3.4	4.1	4.8	4	4.2	4.5	5.5	6.3	8	9								
3G S100×2	4.4	4.5	4.7	4.8	4.9	5.2	5.5	5.2	5.5	5.6	6	6.4	7	7.6								
3G S160D×3	2.5	2.7	3	3.2	3.3	3.5	4	3.1	3.2	3.3	3.7	4.3	4.6	5								
3G S200D×3	3	3.1	3.2	3.3	3.6	4.1	4.3	3.6	3.8	4	4.7	5.1	5.9	6.6								

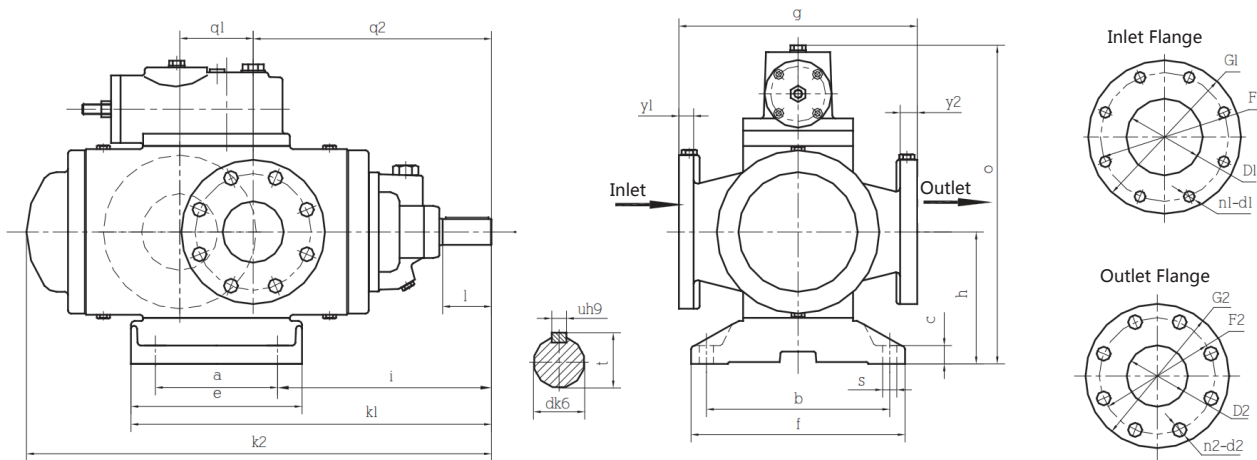
Note: NPSHr in the table is merely applicable to fluid without any gas.

DP3G Series Three Screw Pump Dimensions

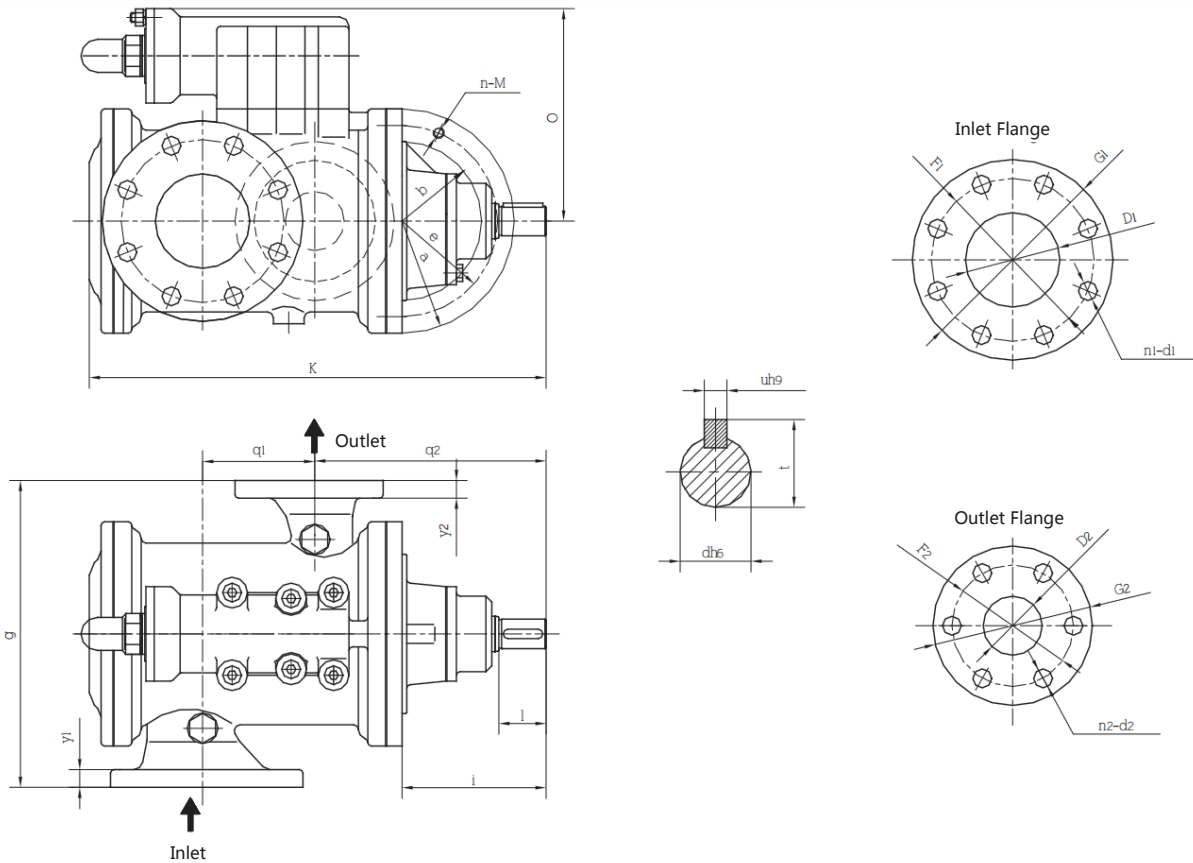
DP3G Series Single Suction Three Screw Pump Dimensions



Pump Size	Inlet Flange							Outlet Flange						
	D1	E1	F1	G1	x1	y1	n1-d1	D2	E2	F2	G2	x2	y2	n2-d2
3G42×4A	65		130	124			4-M12	40		110	114			4-M16
3G50×2	80	125	150	185	3	18	4-φ18	50	100	125	160	3	20	4-φ18
3G50×4A	80	125	150	185	3	18	4-φ18	50	100	125	160	3	18	4-φ18
3G70×2	100	140	170	205	3	18	4-φ18	65	120	145	180	3	20	4-φ18
3G70×4	100	145	170	205	3	18	4-φ18	65	120	145	180	3	24	8-φ18
3G85×2	125	185	210	245	3	24	8-φ18	80	135	160	195	3	22	4-φ18
3G85×4	125	185	210	245	3	24	8-φ18	80	135	160	195	3	26	4-φ18
3G100×2	150	200	225	260	3	20	8-φ18	100	155	180	215	3	22	8-φ18
3G100×4	150	200	225	260	3	20	8-φ18	100	160	190	230	3	30	8-φ23
3G110×2	200	242	265	295	3	20	12-φ16	150	188	210	240	3	18	12-φ16
3G110×4	200	242	265	295	3	20	12-φ16	150	200	228	270	3	30	12-φ23



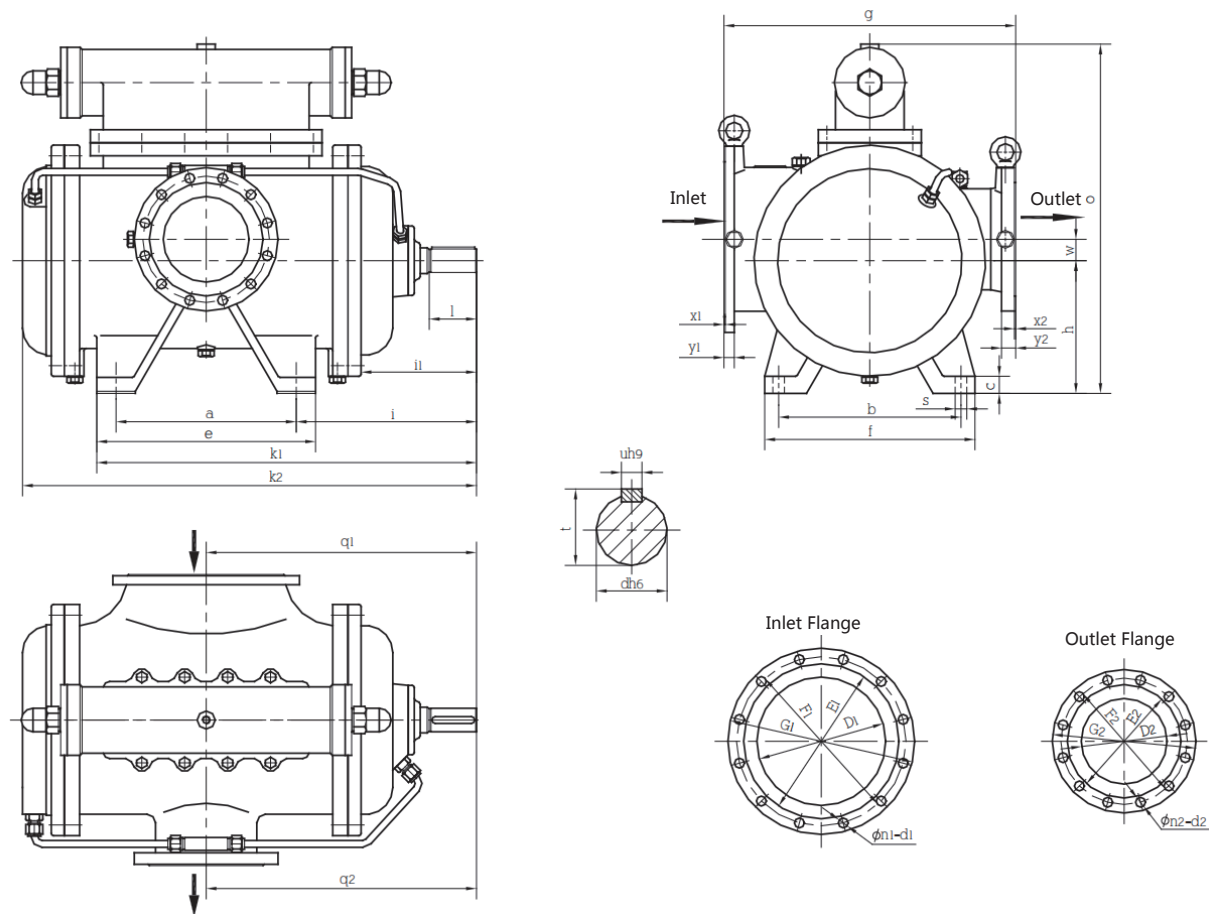
Pump Size	Pump Head Dimensions						Foot Dimensions								Shaft Extension				Inlet Flange					Outlet Flange				
	g	h	k2	o	q1	q2	a	q1	c	e	f	i	k1	s	d	l	u	t	D1	F1	G1	y1	n1-d1	D2	F2	G2	y2	n2-d2
3G60×2	330	190	611	460	138	297.5	200	138	30	280	350	271	511	24	32	55	10	35	100	180	220	22	8-φ18	80	160	200	26	8-φ18
3G80×2	390	215	761	510	120	390	200	120	30	280	350	350	590	24	42	80	12	45	125	210	250	24	8-φ18	100	190	235	28	8-φ23



3GF Series	Pump Head Dimensions					End Flange Dimensions					Shaft Extension			
	g	k	o	q1	q2	a	b	e	i	n-M	d	l	u	t
3GF50×2	260	396	181	95	196	190	135	162	122	8-M10	25	40	8	28
3GF70×2	340	538	210	140	277	240	180	210	190	12-M12	35	50	10	38.5
3GF100×2	440	725	295	210	350	320	240	280	202	12-M16	48	70	14	52
3GF100×2	500	775	330	205	384	370	260	320	233	10-M20	55	90	16	60

3GF Series	Inlet Flange				Outlet Flange					
	D1	F1	G1	y1	n1-d1	D2	F2	G2	y2	n2-d2
3GF50×2	80	138	170	15	8-φ16	50	103	135	15	6-φ16
3GF70×2	100	158	190	15	8-φ16	65	123	155	15	6-φ16
3GF100×2	150	208	240	16	12-φ16	100	158	190	15	8-φ16
3GF100×2	200	264	295	16	12-φ16	150	208	240	16	12-φ16

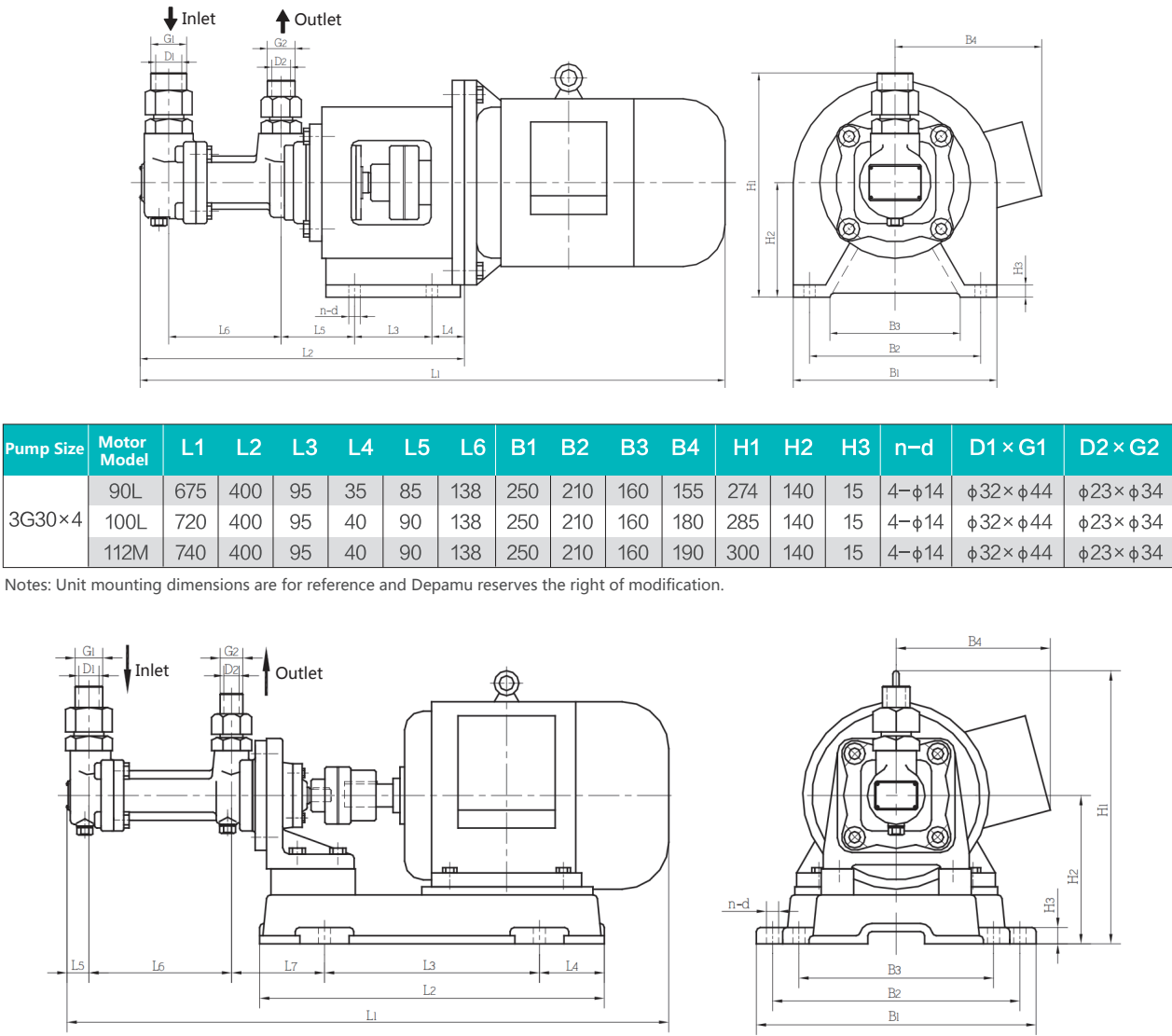
DP3GS Series Double Suction Three Screw Pump Dimensions



Pump Size	Pump Head Dimensions							Foot Dimensions								Shaft Extension				
	g	h	w	k2	o	q1	q2	a	b	c	e	f	i1	i	k1	s	d	l	u	t
3GS100×2	560	250	20	911	571	547.5	547.5	400	320	25	480	400	236	347.5	788	25	45	90	14	48.5
3GS160D×3	680	310	50	1090	825	630	630	420	425	40	510	490	269	420	885	27	55	110	16	59
3GS200D×3	900	400		1270	1023	735	735	500	560	50	600	660	309	485	1035	27	85	130	24	92

Pump Size	Inlet Flange DIN2532=GB2555							Outlet Flange DIN2535=GB2555						
	D1	E1	F1	G1	x1	y1	n1-d1	D2	E2	F2	G2	x2	y2	n2-d2
3GS100×2	250	305	330	365	3	24	12- φ18	150	188	210	240	3	24	12- 16
3GS160D×3	300	362	395	435	3	24	12- φ23	200	265	295	335	3	30	12- 23
3GS200D×3	450	518	550	590	4	28	16- φ23	300	368	400	440	4	28	12- 23

DP3G Series Single Suction Three Screw Pump Unit Mounting Dimensions

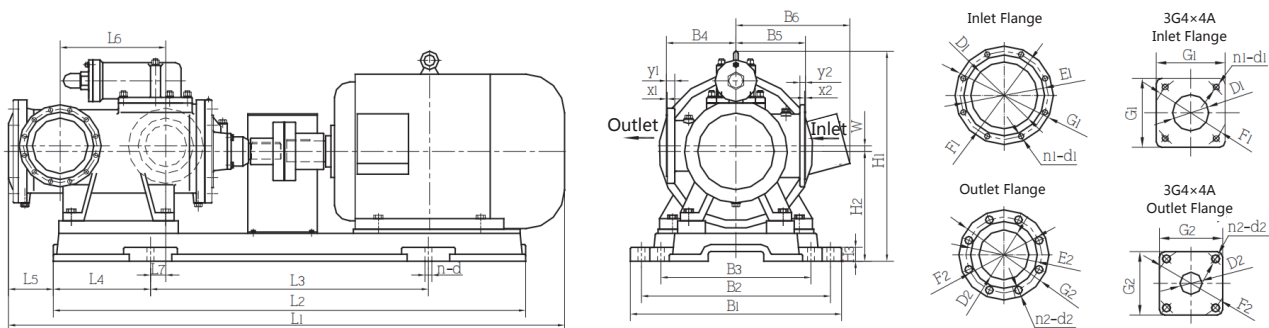


Pump Size	Motor Model	L1	L2	L3	L4	L5	L6	B1	B2	B3	B4	H1	H2	H3	n-d	D1×G1	D2×G2
3G30×4	90L	675	400	95	35	85	138	250	210	160	155	274	140	15	4-φ14	φ32×φ44	φ23×φ34
	100L	720	400	95	40	90	138	250	210	160	180	285	140	15	4-φ14	φ32×φ44	φ23×φ34
	112M	740	400	95	40	90	138	250	210	160	190	300	140	15	4-φ14	φ32×φ44	φ23×φ34

Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.

Pump Size	Motor Model	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	H1	H2	H3	n-d	D1×G1	D2×G2
3G25×4	80	581	340	220	60	29	126	95	280	240	240	150	294	160	20	4-φ15	φ25×φ34	φ19×φ28
	90S	608	380	250	65	29	126	100	280	240	240	160	294	160	20	4-φ15	φ25×φ34	φ19×φ28
	90L	643	380	250	65	29	126	100	280	240	240	160	294	160	20	4-φ15	φ25×φ34	φ19×φ28
	100L	675	415	265	75	29	126	110	305	265	265	170	304	170	20	4-φ15	φ25×φ34	φ19×φ28
3G36×4	100L	772	438	298	70	47	168	112	330	290	290	180	349	192	20	4-φ19	φ50×φ59	φ40×φ52
	112M	790	438	298	70	47	168	117	350	310	310	190	349	192	20	4-φ19	φ50×φ59	φ40×φ52
	132S	866	518	368	75	47	168	117	380	340	285	210	375	192	20	4-φ19	φ50×φ59	φ40×φ52

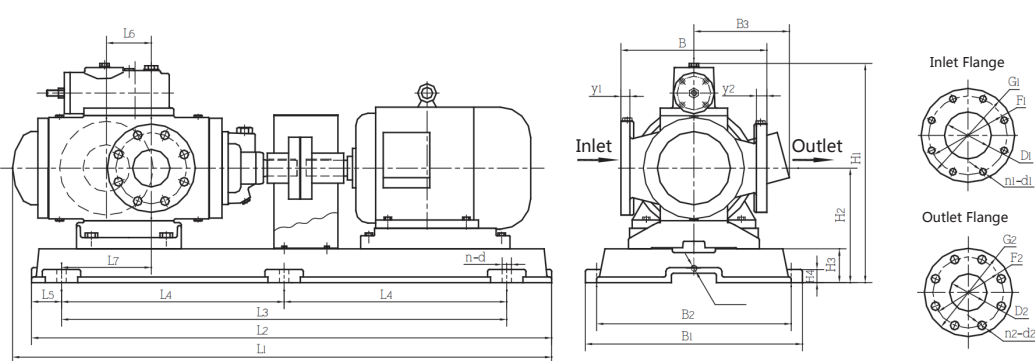
Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.



Pump Size	D1	E1	F1	G1	x1	y1	n1-d1	D2	E2	F2	G2	x2	y2	n2-d2
3G42×4A	65	—	130	124	—	—	4-M12	40	—	110	114	—	—	4-M16
3G50×2	80	125	150	185	3	18	4-φ18	50	100	125	160	3	20	4-φ18
3G50×4A	80	125	150	185	3	18	4-φ18	50	100	125	160	3	18	4-φ18
3G70×2	100	140	170	205	3	18	4-φ18	65	120	145	180	3	20	4-φ18
3G70×4	100	145	170	205	3	18	4-φ18	65	120	145	180	3	24	8-φ18
3G85×2	125	185	210	245	3	24	8-φ18	80	135	160	195	3	22	4-φ18
3G85×4	125	185	210	245	3	24	8-φ18	80	135	160	195	3	26	4-φ18
3G100×2	150	200	225	260	3	20	8-φ18	100	155	180	215	3	22	8-φ18
3G100×4	150	200	225	260	3	20	8-φ18	100	160	190	230	3	30	8-φ23
3G110×2	200	242	265	295	3	20	12-φ16	150	188	210	240	3	18	12-φ16
3G110×4	200	242	265	295	3	20	12-φ16	150	200	228	270	3	30	12-φ23

Pump Size	Motor Model	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	B5	B6	H1	H2	H3	w	n-d
3G42×4A	112M	841	720	420	150	41	155	50	410	350	270	88	88	190	360	190	35	—	4-φ25
	132S	917	765	460	150	41	155	50	450	390	270	88	88	210	385	202	35	—	4-φ25
	160M	1043	890	590	150	41	155	50	480	420	270	88	88	255	455	230	35	—	4-φ25
3G50×2	100L	783	700	400	150	16	95	24	335	275	275	140	140	180	382	202	35	—	4-φ25
	132S	877	750	450	150	16	95	24	445	385	275	140	140	210	385	202	35	—	4-φ25
	160M	1003	875	575	150	16	95	24	485	425	275	140	140	255	455	230	35	—	4-φ25
3G50×4A	132M	1028	870	470	200	46	190	40	440	380	300	140	140	210	385	202	35	—	4-φ25
	160M	1113	992	592	200	46	190	40	490	430	300	140	140	255	455	230	35	—	4-φ25
	160L	1156	992	592	200	46	190	40	490	430	300	140	140	255	455	230	35	—	4-φ25
3G70×2	132M	1073	940	630	160	36	140	65	435	375	375	170	170	210	470	260	35	—	4-φ25
	160M	1158	1060	700	160	36	140	65	480	420	335	170	170	255	485	260	35	—	4-φ25
	160L	1203	1060	700	160	36	140	65	480	420	335	170	170	255	485	260	35	—	4-φ25
3G70×4	160L	1338	1170	800	180	66	240	115	480	420	365	180	180	255	485	260	35	—	4-φ25
	180M	1363	1220	820	180	66	240	115	510	450	365	180	180	285	530	280	35	—	4-φ25
	180L	1403	1220	820	180	66	240	115	510	450	365	180	180	285	530	280	35	—	4-φ25
3G85×2	200L	1468	1250	860	180	66	240	115	550	490	365	180	180	310	575	300	40	—	4-φ25
	160L	1266	1140	700	220	26	165	70	490	430	380	200	200	255	540	290	35	—	4-φ25
	180L	1330	1190	750	220	26	165	70	520	460	380	200	200	285	540	290	35	—	4-φ25
3G85×4	180L	1506	1325	875	230	61	295	157	500	440	440	200	200	240	560	310	35	—	4-φ25
	200L	1566	1420	900	250	61	295	135	600	540	380	200	200	335	585	310	35	—	4-φ25
	225M	1630	1420	900	250	61	295	135	600	540	380	200	200	345	640	335	35	—	4-φ25
3G100×2	180L	1459	1315	810	250	55	210	70	560	500	500	220	220	285	613	320	40	15	4-φ25
	200L	1522	1315	810	250	55	210	70	560	500	500	220	220	310	613	320	40	15	4-φ25
	200L	1719	1500	900	300	91	390	165	575	505	505	220	220	310	635	340	45	—	4-φ25
3G100×4	250M	1874	1670	1000	340	91	390	125	725	655	490	220	220	385	685	360	45	—	4-φ25
	280S	1944	1670	1000	340	91	390	125	725	655	490	220	220	410	750	390	45	—	4-φ25
	200L	1566	1350	850	250	66	205	75	610	540	540	250	250	310	665	335	40	20	4-φ25
3G110×2	225M	1637	1405	905	250	66	205	75	610	540	540	250	250	345	670	340	40	20	4-φ25
	225M	1862	1520	820	350	171	380	60	620	540	540	250	250	345	700	365	50	20	4-φ25
	280S	2011	1700	1000	350	171	380	55	760	680	540	250	250	410	755	395	50	20	4-φ25
3G110×4	280M	2061	1700	1000	350	171	380	55	760	680	540	250	250	410	755	395	50	20	4-φ25

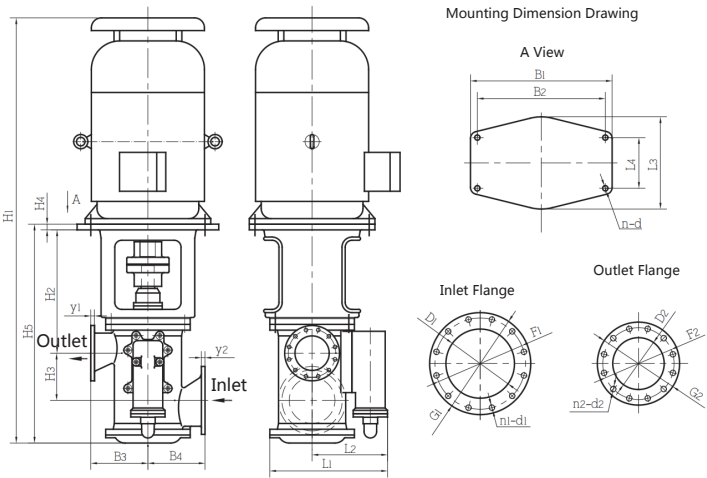
Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.



Pump Size	D1	F1	G1	y1	n1-d1	D2	F2	G2	y2	n2-d2
3G60×2	100	180	220	22	8-φ18	80	160	200	26	8-φ18
3G80×2	125	210	250	24	8-φ18	100	190	235	28	8-φ23

Pump Size	Motor Model	L1	L2	L3	L4	L5	L6	L7	B	B1	B2	B3	H1	H2	H3	H4	n-d
3G60X2	132S	1106	980	630	—	155	138	100	320	460	400	210	540	265	75	35	4-φ20
	132M	1146	1090	710	—	165	138	125	330	505	445	210	540	277	87	35	4-φ25
	160M	1231	1090	710	—	165	138	100	330	505	445	225	552	277	87	35	4-φ25
	160L	1277	1090	710	—	165	138	78	330	505	445	225	552	277	87	35	4-φ25
	180M	1302	1190	900	450	130	138	160	330	530	470	285	552	277	87	35	6-φ25
3G80×2	180L	1342	1190	900	450	130	138	141	330	530	470	285	552	277	87	35	6-φ25
	160M	1450	1390	1190	595	80	120	231	390	580	520	255	600	305	90	35	6-φ25
	160L	1475	1390	1190	595	80	120	206	390	580	520	255	600	305	90	35	6-φ25
	180M	1477	1390	1190	595	80	120	204	390	580	520	285	600	305	90	35	6-φ25
	180L	1495	1390	1190	595	80	120	200	390	580	520	285	600	305	90	35	6-φ25

Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.

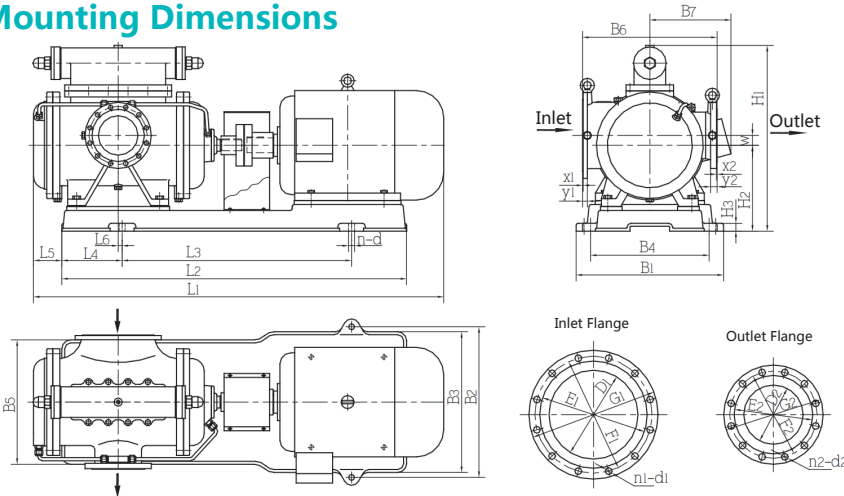


Pump Size	D1	F1	G1	y1	n1-d1	D2	F2	G2	y2	n2-d2	n-d
3GF50×2	80	138	170	15	8-φ16	50	103	135	15	6-φ16	4-φ14
3GF70×2	100	158	190	15	8-φ16	65	123	155	15	6-φ16	4-φ18
3GF100×2	150	208	240	16	12-φ16	100	158	190	15	8-φ16	4-φ23
3GF110×2	200	264	295	16	12-φ16	150	208	240	16	12-φ16	4-φ23

Pump Size	Motor Model	L1	L2	L3	L4	B1	B2	B3	B4	H1	H2	H3	H4	H5
3GF50×2	112M	331	181	300	180	345	310	130	130	851	254	95	14	469
	132S	331	181	300	180	345	310	130	130	933	274	95	14	489
	Z2C-32	331	181	300	180	345	310	130	130	969	254	95	14	469
	Z2C-41	331	181	300	180	345	310	130	130	939	254	95	14	469
	Z2C-42	331	181	300	180	345	310	130	130	974	254	95	14	469
3GF70×2	Z2C-51	331	181	300	180	345	310	130	130	1044	274	95	14	489
	132S	410	210	400	200	500	440	170	170	1082	359	140	17	638
	160M	410	210	400	200	500	440	170	170	1182	359	140	17	638
	Z2C-51	410	210	400	200	500	440	170	170	1200	359	140	17	638
	Z2C-52	410	210	400	200	500	440	170	170	1240	359	140	17	638
3GF100×2	180M	418	293	450	260	540	480	220	220	1465	452	210	24	855
	180L	418	293	450	260	540	480	220	220	1503	452	210	24	855
	200L	418	293	450	260	540	480	220	220	1565	452	210	24	855
	Z2C-71	418	293	450	260	540	480	220	220	1630	452	210	24	855
	Z2C-72	418	293	450	260	540	480	220	220	1670	452	210	24	855
3GF110×2	Z2C-81	485	293	530	260	600	540	220	220	1705	452	210	24	855
	180L	515	315	400	220	620	560	250	250	1565	502	205	25	920
	200L	515	315	400	220	620	560	250	250	1627	502	205	25	920
	Z2C-71	590	315	550	220	660	600	250	250	1732	502	205	25	920
	Z2C-72	590	315	550	220	660	600	250	250	1767	502	205	25	920
	Z2C-81	590	315	550	220	660	600	250	250	1802	502	205	25	920

Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.

DP3GS Series Double Suction Three Screw Pump Unit Mounting Dimensions



Pump Size	D1	E1	F1	G1	x1	y1	n1-d1	D2	E2	F2	G2	x2	y2	n2-d2
3GS100×2	250	305	330	365	3	24	12-φ 18	150	188	210	240	3	24	12-φ 16
3GS160D×3	300	362	395	435	3	24	12-φ 23	200	265	295	335	3	30	12-φ 23
3GS200D×3	450	518	550	590	4	28	16-φ 23	300	368	400	440	4	28	12-φ 23

Pump Size	Motor Model	L1	L2	L3	L4	L5	L6	B1	B2	B3	B4	B5	B6	B7	H1	H2	H3	w	n-d
3GS100×2	225M	1776	1505	900	300	100	35	640	560	500	560	500	560	365	700	375	50	20	4-φ25
	250M	1862	1570	900	300	100	35	695	615	555	540	480	560	435	700	375	50	20	4-φ25
	280M	2005	1650	1000	300	100	35	760	680	620	540	480	560	465	765	405	50	20	4-φ25
	280S	2106	1743	1180	285	175	-	745	665	613	600	550	680	465	950	435	40	50	4-φ30
3GS160D×3	280M	2157	1743	1180	285	175	-	745	665	613	600	550	680	465	950	435	40	50	4-φ30
	315S	2460	1910	1300	290	170	5	815	735	685	600	550	680	465	970	435	50	50	4-φ30
	315L	2510	1910	1300	290	170	5	815	735	685	600	550	680	465	970	435	50	50	4-φ30
3GS200D×3	355S	2887	2245	1500	325	210	-	975	895	835	780	730	900	600	1148	525	50	-	4-φ30

Notes: Unit mounting dimensions are for reference and Depamu reserves the right of modification.

Typical Projects



Depamu Three Screw Pumps Delivered to India



Depamu Three Screw Pumps Used at an Indonesian Site

Typical Projects

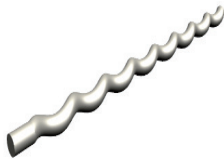
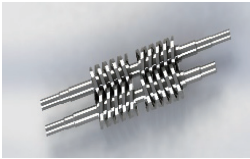
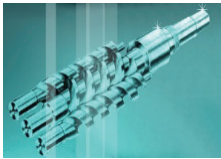


Depamu Three Screw Pumps Delivered for Steel Plant Project

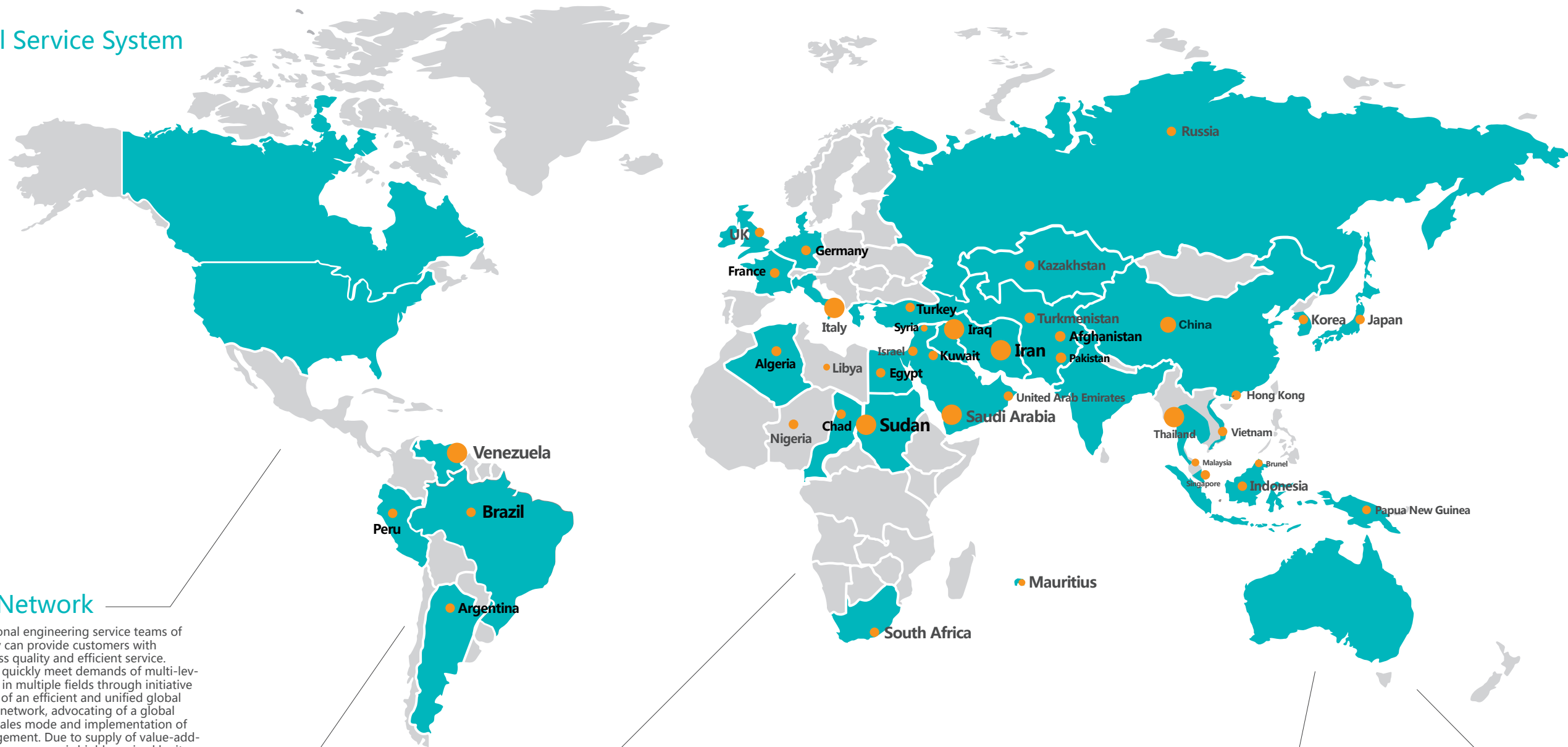


Depamu Three Screw Pumps Used in Petroleum and Refining Industry

Depamu Pump Types

Depamu 德帕姆	PCP	Twin Screw Pump	Three Screw Pump	Rotor Pump
Product Category				
Product Series	DPGA/DPL DPD/DPP	DP2G/DP2GRN/ DP2GS/DP2Gap	DPSNH/DPSM DPSNJ/DP3G	DPB/DPPL DPZ/DPJ
Viscosity of Transportable Fluid	1~1000000Cst	0.5~100000Cst	2~1500Cst	0~1000000Cst
Flow Range	0.2~400m³/h	0.5~2000m³/h	0.5~300m³/h	0.2~3000m³/h
Max Pressure	4.8Mpa	6.3Mpa	16.0Mpa	3.0Mpa
Max Fluid Temperature	150℃	350℃	300℃	240℃
Transportable Fluid	Industrial and household sewage, pulp, acid-base solution, coal water slurry, dry sludge, jam, toothpaste, medical toothpaste...	Crude oil, fuel oil, asphalt, hyper-viscous polymer, tar, coal water slurry, lubrication oil, syrup, animal and vegetable oil...	Light diesel oil, heavy fuel oil, crude oil, lubrication oil, hydraulic oil, anhydrous ethanol, gear oil, coolant...	Acid, alkali, salt, latex solution, resin, pigment, ink, painting, glycerol, paraffin, cosmetics...
Main Application Fields	Industries of environmental protection, paper-making, food, medicine, petrochemical, architecture...	Petroleum, chemical, building material, power generation, shipbuilding, food...	Metallurgy, electricity, petrochemical, shipbuilding, building material, hydraulic, machine tool, highway...	Environmental protection, chemical, vehicle-mounting, mining, agriculture, daily necessity, fire prevention, chemical fiber, coating...

Global Service System



Sales Network

The professional engineering service teams of the company can provide customers with whole-process quality and efficient service. Depamu 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 Online and Offline Monitoring System

Consulting and Engineering with Special Requirements

Depamu 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 services for liquid transfer equipment application, we can provide personalized solutions from the smallest independent unit to the biggest multi-link pump 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 Conception
- Cost Calculation for Installation Project
- Commissioning and Service
- Seminars and Site Training