



SN type three-spindle screw pump

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N=950r/min		
N=1450r/min		
N=2900r/min		
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●Main Feature

- SN three-spindle screw pump is of self priming
- Because of the unit assembly system every pump can be supplied as cartridge pump for foot-,flange-or wall mounting, in pedestal-,bracket-or submersible design.
- According to the delivery medium heated or cooled designs are also available.

●Usage

- For the handling of oil and medium with lubricating pvproperties.

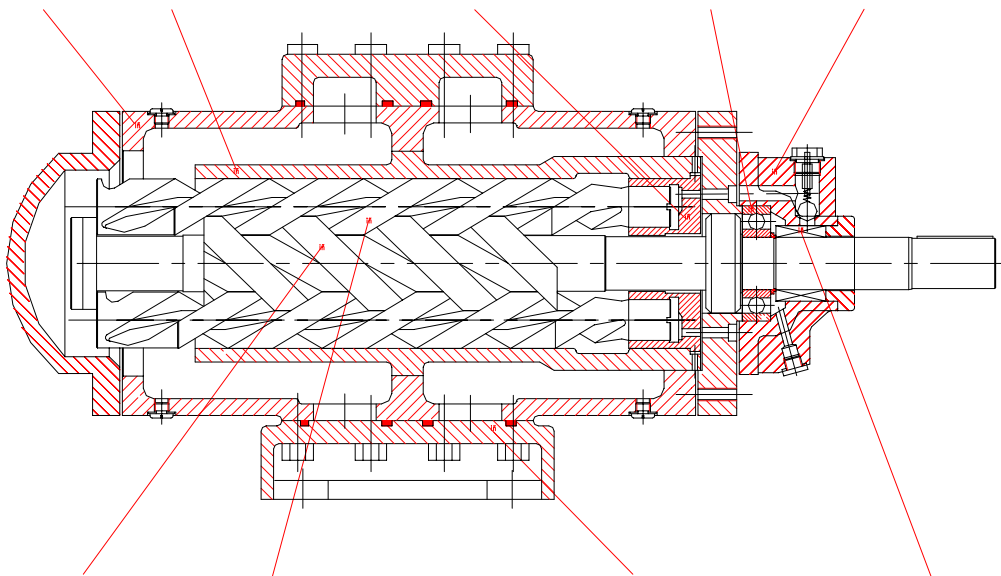
●Application

- In heating techniqzzues as fuel oil and medium with lubricating pvproperties.
- In the engineering industry as hydraulic-,and telemotor pumps.
- In the chemical and food industry as cargo-,transfer or supply pumps.
- In the marine field as transfer-,booster-,fuel oil pumps as well for ship hydraulics.

●Structure

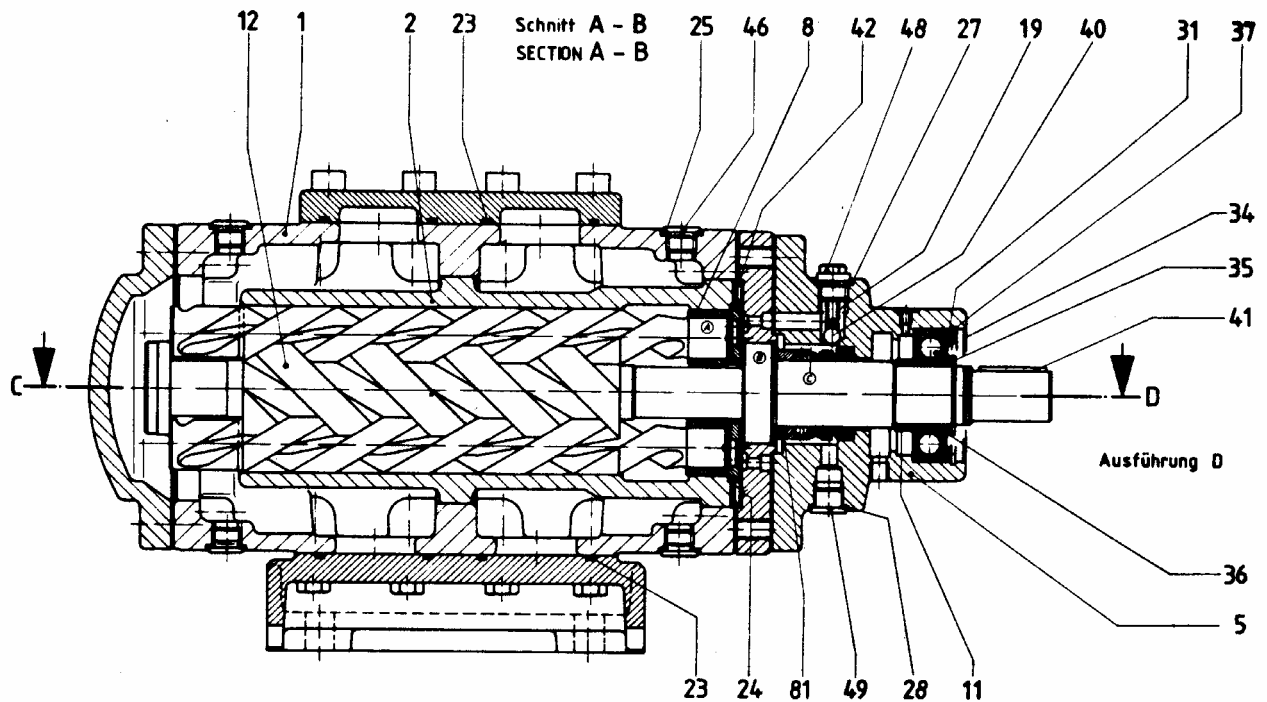
U12.1 Structure

Casing Insert Balancing Sleeve Bearing Stuffing box



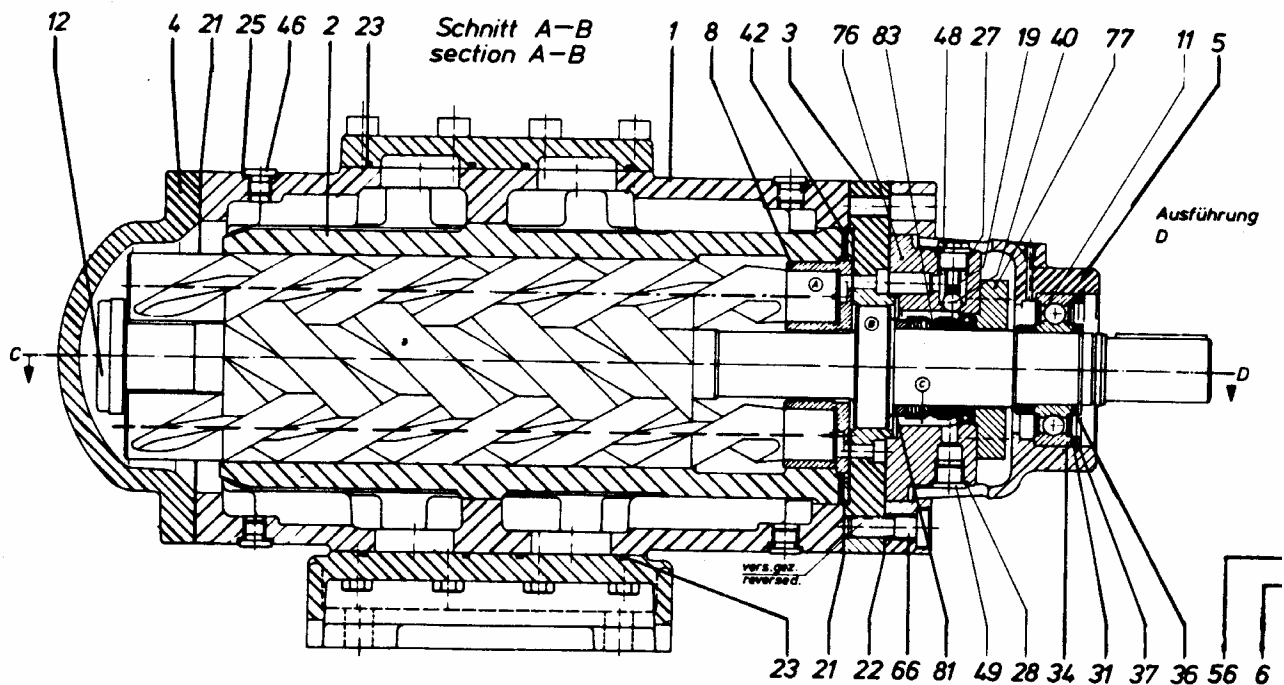
Driving Screw—spindle foot mounting Mechanical Seal
Driven Screw—spindle

E6.7 Structure (940 lower)



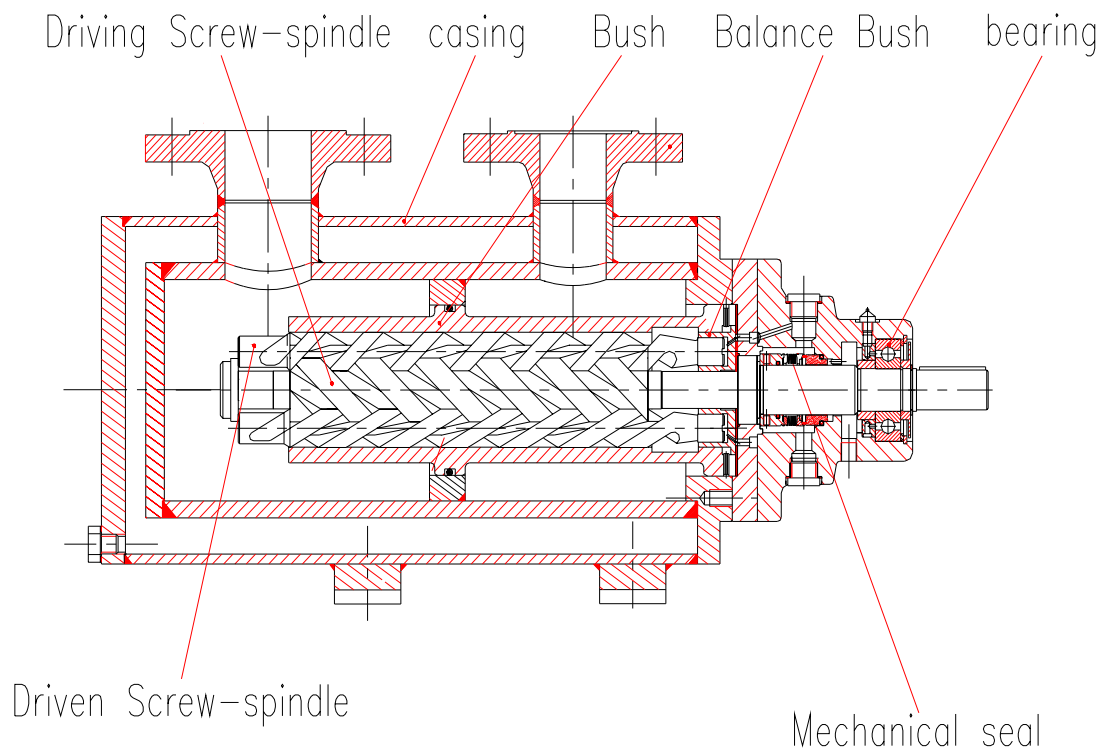
1. Casing 2. Bush 8. Balance Bush 12. Driving Screw-spindle
13. Driven Screw-spindle 81. Mechanical seal 34. bearing

E6.7 Structure (940 upper)

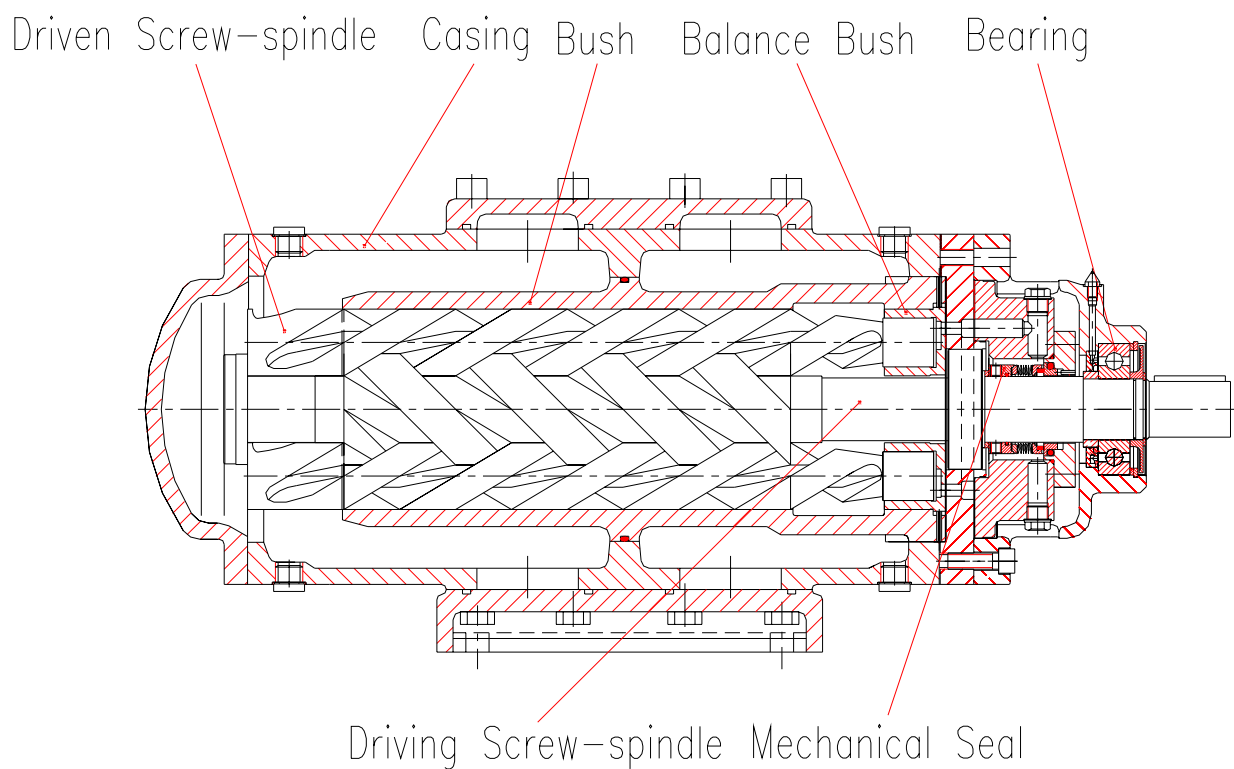


1. Casing 2. Bush 8. Balance Bush 12. Driving Screw-spindle
13. Driven Screw-spindle 81. Mechanical seal 34. bearing

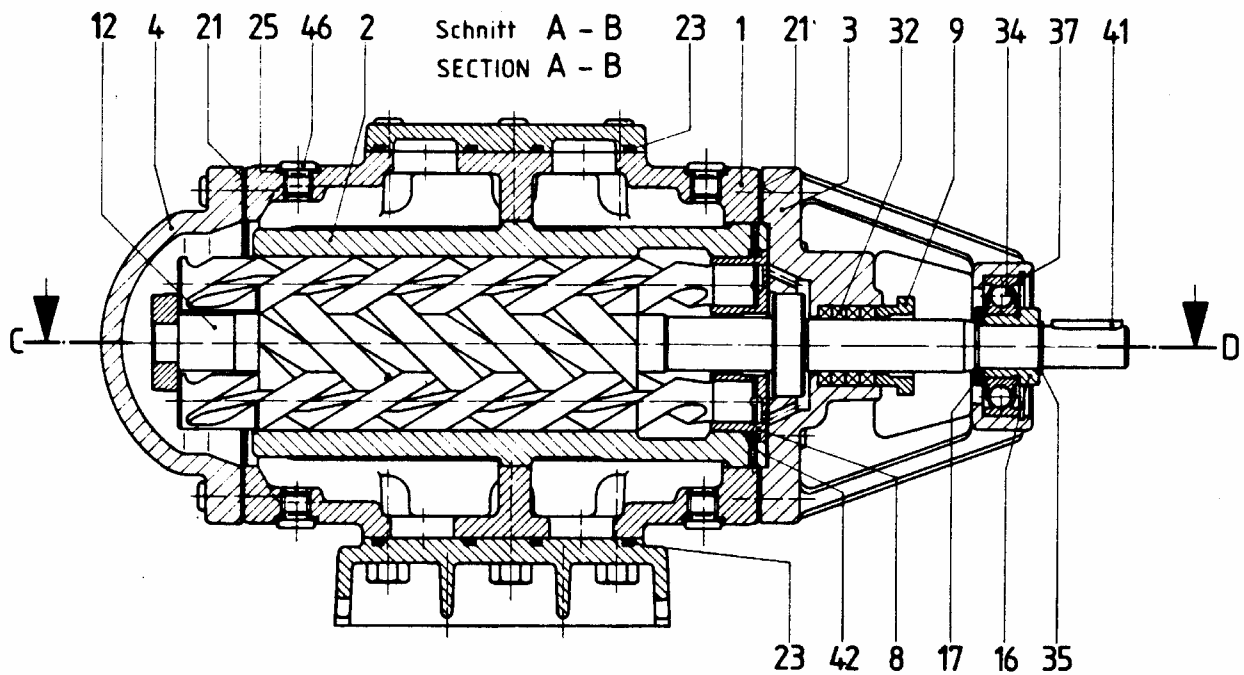
E15 Structure (940 lower)



E15 Structure (940 upper)

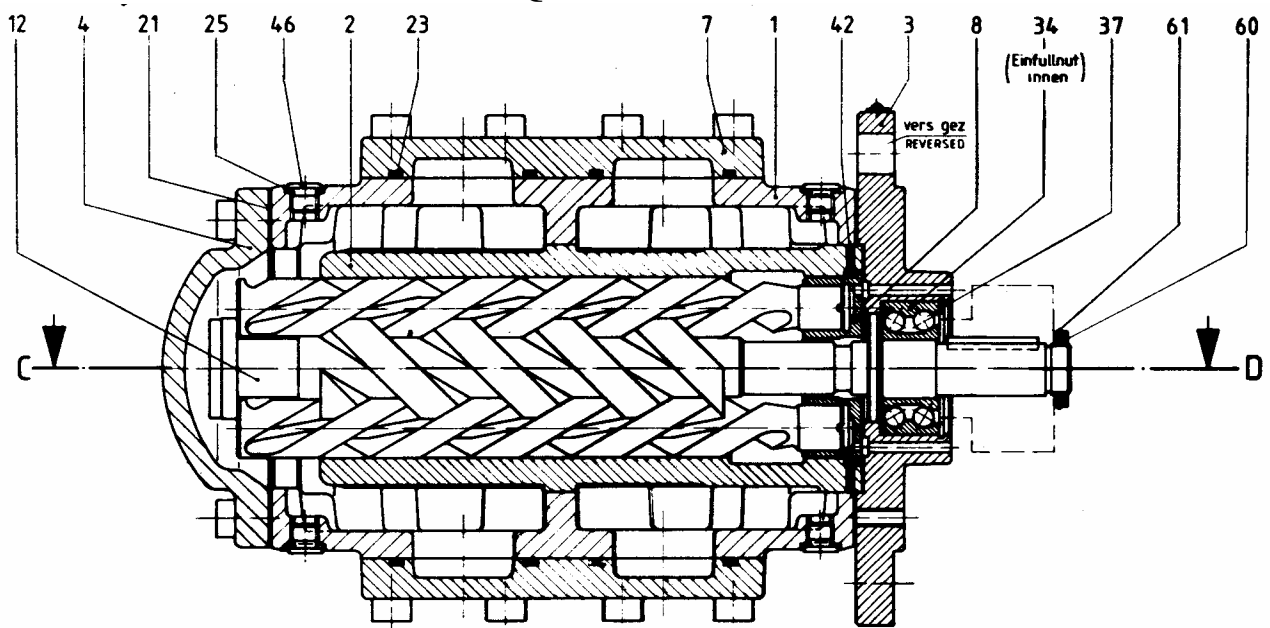


K2 Structure



1. Casing 2. Bush 8. Balance Bush 12. Driving Screw-spindle
13. Driven Screw-spindle 32. Stuffing seal 34. bearing

QA Structure

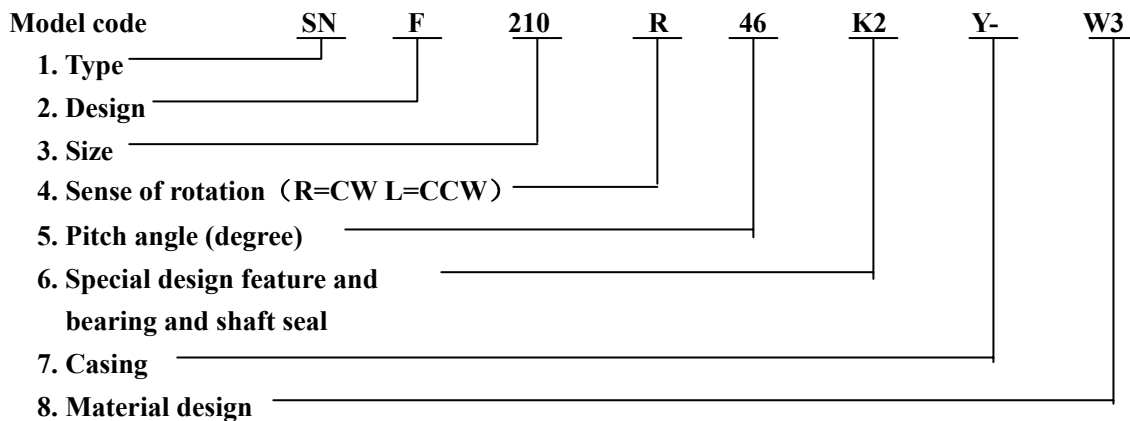


1. Casing 2. Bush 8. Balance Bush 12. Driving Screw-spindle
13. Driven Screw-spindle 34. bearing



SN type three-spindle screw pump

● Model code of screw pump of SN series



(1). Watching on drive end. If clockwise is required, Choose R. If Counterclockwise is required choose L.

1. Type

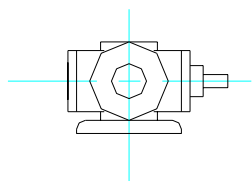
Type	Main characteristics	Max capacity[l/min]	Size	Max,delivery pressure[Mpa]
SN	Low pressure; single entry,spindles with hydr, balance of axial thrust	5300	40~5300	4. 0

2. Design

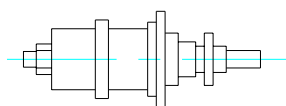
Code	Description of design
H	Horizontal foot mounted pump
F	Flange mounted pump
S	Vertical pedestal mounting pump
E	Cartridge unit pump
T	Cartridge unit pump, to be pushed in from suction side with throttle bush
G	Gear mounted pump without shafe sealing U-turn longitudinal



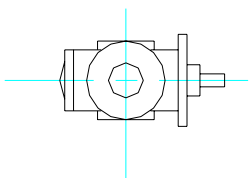
SN type three-spindle screw pump



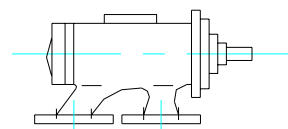
标准结构
Standard Designs
H=卧式底脚安装泵
Foot mounting pump



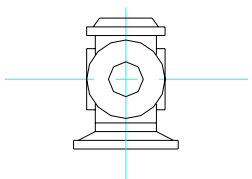
E=插装式泵组
Cartridge unit pump



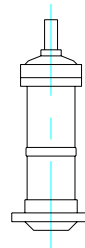
F=法兰安装式泵
Flange mounting pump



G=(齿轮)传动装置泵
Gear pump



S=立式柱脚泵
Vertical mounting pump



T=浸没式泵
Submerged pump

3. size

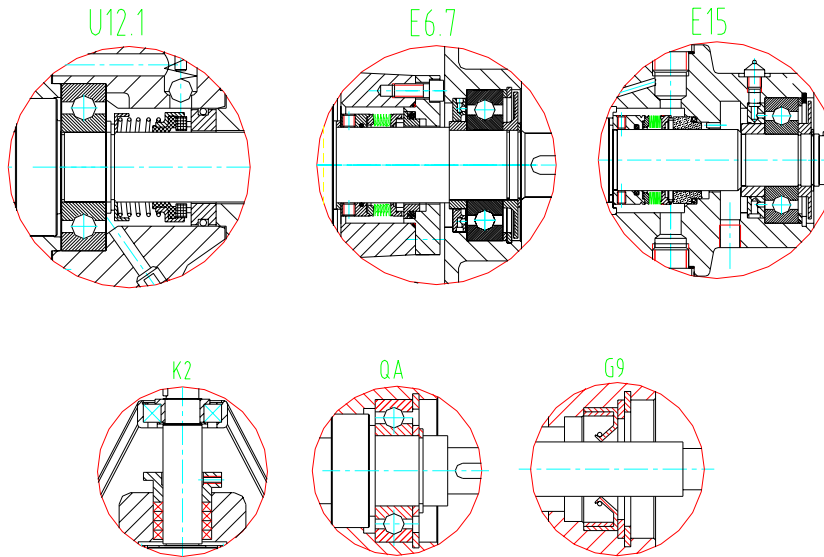
4..pitch angle

Size	40	80	120	210	280	440	660	940	1300	1700	2200	2900	3600	5300
Pitch angle [°]	38	36	42	40	43	40	40	42	38	42	42	40	46	46
	46	42	46	46	46	46	44	46	42	46	46	46		
	54	46	54	54	54	52	46	50	46					
		54				54	51	54	54					

5. Special design feature and bearing and shaft seaing

Code	Description of design	Usage
U12.1	Internal ball bearing me-chanical seal	Pumping medium is of better lubricity temp. $\leq 80^{\circ}\text{C}$
K2	External ball bearing packing shaft seal	Pumping medium is of less lubricity or higher viscosity temp. $\leq 150^{\circ}\text{C}$
E6.7	External ball bearing packing shaft seal	Pumping medium is of less lubricity or higher temperature. $T \leq 150^{\circ}\text{C}$

6. mechanical seal



7. casing

Code	Description
No mark	Standard casing Used to pump the medium of better fluidity
Y	Casing with jacker for steam or heated transfer liquid to heat up the medium Used to pump the medium with higher viscosity or less fluidity

8. Material in common use

Material code	Casing	Insert	Using range
W1	Cast iron	Special modular cast iron	Used to pump the medium (such as fuel oil) with less lubricity and suitable viscosity at lower pressure
W2	Cast iron	Cast AL	Used to pump the medium (such as lubricant oil) with better lubricity and suitable viscosity at lower pressure
W3	Nodular cast iron	Cast AL	Used in particular case, such as marine pump, to pump the medium (such as lubricant oil) with better lubricity and suitable viscosity at lower pressure.
W5	Nodular cast iron	Special modular cast iron	Used in particular case, such as marine pump, to pump the medium with less lubricity and suitable viscosity as fuel oil at lower pressure.
W21	Cast iron	Special bronze	Used to pump the medium with less lubricity and lower viscosity, such as heavy oil and fuel oil.
W23	Nodular cast iron	Special bronze	Used in particular case, such as marine pump, to pump the medium with less lubricity and lower viscosity, such as heavy oil and fuel oil, at higher pressure.
W29	20(焊接组件)	Special bronze	Only for size 5300

● Step of selecting SN series pump

When chose the three screw pump, you must know the suing condition of the pump, not only the operating data, such as capacity, pressure but also the specific property and corrosiveness of the medium. At the same time you must know the gas content of the medium, the solid size and the temperature, viscosity of the medium.

The user can fill the data sheet of the pump.

The manufacture will choose the pump for you.

1. Confirm the pump speed: (the max speed of the SN series pump is <6000rpm)

A. The speed should be chosen according to the transferring medium's viscosity and the pump's type speed limits. Normally high viscosity medium should chose low speed, low viscosity medium should chose high speed.

For big size pump (driving spindle outside diameter ϕ above 60mm), when viscosity $V > 20^\circ \text{E}$, the speed should be between 970-720rpm. When $V > 80^\circ$ like viscose, the speed should be between 200-500rpm.

For the small size pump (the outside diameter ϕ under 60mm). When $V > 20^\circ \text{E}$, the speed should be between 1450-970rpm. When $V > 80^\circ \text{E}$, the speed should be between 300-600rpm.

B. The high speed of the pump is and the high friction power will get. So the pump wears badly and the service life will be shorten. If the transferring medium's lubrication is not good or the medium has some micro foreign matter, the speed should be 1450rpm.

2. Choose the structure of the pump

Chose the structure of the pump is according to the operating and installing environment. Chose suitable installing structure should adhere to the following principle.

A. Transfer medium with lubrication, temperature $T < 80^\circ \text{C}$, chose internal ball bearing type pump.

B. Transfer medium with bad lubrication, temperature $T > 80^\circ \text{C}$, chose external ball bearing type pump.

C. Transfer medium with bad flow, high viscosity the medium needs keep warm and heating. Chose casing with jacket type pump.

D. Transfer high temperature medium, chose high temperature-resistant and parts cool type pump.

E. About the suction ability please check the data sheet of the pump.(catalog)

3. The pump material code please check the data sheet of the pump (catalog).

4. NPSHr of the pump

Reduce the speed and heating the medium reduce the viscosity can get high NPSHr. Please see the NPSHr sheet.

5. Select motor for the pump.

After chose the pump, please check the data sheet. You will get the shaft power N . The shaft power N add dump power. This is the basis for selecting motor. Normally motor power N_m is not less than the shaft power N . Shaft power N times dump power coefficient K . You can get $N_m \geq K \cdot N$. The K value please check the following sheet.

$N(\text{kw})$	K
$N \leq 5$	1.25
$5 < N \leq 10$	1.2
$10 < N \leq 50$	1.15
$N > 50$	1.1

6. In order to let the clean medium to the pump, it is better to fix a filter on the suction part. The filter should be 40-80 mesh.

In addition, some times you can't find the exact pump data you needed. This is because our pump function data in the data sheet under the condition of special viscosity and speed. In this case you



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should adhere to the following principle. If you want to have the exact data, it is better to seek advice from our engineer.

- A. Three screw pump's capacity and pressure at the same viscosity, speed will be rectilinear relation, the high pressure and the small capacity.
- B. Same viscosity and pressure the pump's capacity and speed is direct ratio.
- C. Same speed and viscosity, the shaft power and pressure is direct ratio.
- D. Same viscosity and pressure, the shaft power and speed is direct ratio.

If the viscosity is higher, the capacity and shaft power will be increased. In this case it is better to seek advice from our engineer.

Example: At normal atmospheric temperature to transfer $V=75\text{cst}$ lub-oil, $Q=11.5\text{m}^3/\text{h}$, $P=1.0\text{MPa}$

According to the above data check the pump catalog to chose SNH210R46U12.1.

The pump data is : $Q=203\text{l}/\text{min}=12.18\text{m}^3/\text{h}$, $p=1.0\text{MPa}$, $n=1450\text{rpm}$, $N=4.24\text{kw}$. Chose the motor according to the shaft power.

Check the dump power coefficient $K=1.25$. The motor power $N_m = K \cdot N = 1.25 \cdot 4.24 = 5.3\text{kw}$.

Check the motor catalog Y132S-4 motor power is 5.5kw .

So SNH210R46U12.1-Y132S-4 is in keeping with the requirement.

●CAPABILITY TABLE



SN type three-spindle screw pump

转速 n=950r/min

规格 size	压力 (MPa)	粘度 Viscosity = mm ² /s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
40-38	0.5	16.8	0.24	17.9	0.24	18.5	0.24	19	0.24	19.4	0.24	19.8	0.27	20	0.31	20.2	0.36	20.3	0.46
	1.0	13.6	0.41	15.6	0.41	16.7	0.41	17.7	0.41	18.4	0.41	19	0.44	19.4	0.48	19.8	0.53	20	0.63
	1.5	10.8	0.58	13.6	0.58	15.1	0.58	16.5	0.58	17.5	0.58	18.4	0.61	18.9	0.65	19.5	0.7	19.8	0.8
	2.0	8	0.75	11.6	0.75	13.6	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
	2.5	5.4	0.92	9.7	0.92	12.1	0.92	14.3	0.92	15.8	0.92	17.2	0.95	18	1	18.9	1.05	19.3	1.14
	3.0			7.9	1.1	10.7	1.1	13.3	1.1	15	1.1	16.6	1.13	17.6	1.17	18.6	1.22	19.1	1.32
	3.5					9.3	1.27	12.2	1.27	14.3	1.27	16	1.3	17.2	1.34	18.3	1.39	18.9	1.49
	4.0					8	1.44	11.2	1.44	13.5	1.44	15.4	1.47	16.7	1.51	18	1.56	18.7	1.66
40-46	0.5	22.2	0.29	23.7	0.29	24.5	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
	1.0	18	0.52	20.6	0.52	22.1	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	14.1	0.75	17.8	0.75	19.9	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
	2.0	10.4	0.98	15.1	0.98	17.8	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
	2.5			12.5	1.21	15.8	1.21	18.8	1.21	21	1.21	22.9	1.24	24	1.28	25.1	1.34	25.8	1.43
	3.0					13.8	1.44	17.3	1.44	19.9	1.44	22.2	1.47	23.4	1.51	24.7	1.56	25.5	1.66
	3.5							15.9	1.67	18.8	1.67	21.4	1.7	22.9	1.74	24.3	1.79	25.2	1.89
	4.0									17.8	1.9	20.7	1.93	22.3	1.97	23.9	2.02	24.9	2.12
40-54	0.5	28.5	0.37	30.8	0.37	32.2	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
	1.0	21.8	0.68	26	0.68	28.4	0.68	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	15.5	0.99	21.4	0.99	24.8	0.99	27.9	0.99	30.2	0.99	32.2	1.02	33.3	1.06	34.4	1.11	35.1	1.21
	2.0					21.5	1.3	25.4	1.3	28.3	1.3	30.8	1.33	32.3	1.37	33.7	1.42	34.6	1.52
	2.5							23	1.6	26.5	1.6	29.5	1.63	31.3	1.68	33	1.73	34.1	1.82
	3.0									24.7	1.91	28.3	1.94	30.3	1.98	32.4	2.04	33.6	2.13
	3.5									23	2.22	27.1	2.25	29.4	2.29	31.7	2.34	33.2	2.44
	4.0											25.9	2.56	28.5	2.6	31.1	2.65	32.7	2.75
80-36	0.5	31.4	0.4	33.1	0.4	34.1	0.4	35	0.4	35.7	0.4	36.3	0.44	36.6	0.5	37	0.57	37.1	0.69
	1.0	26.4	0.72	29.5	0.72	31.3	0.72	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	21.7	1.03	26.1	1.03	28.6	1.03	30.9	1.03	32.6	1.03	34.1	1.07	35	1.13	35.8	1.2	36.3	1.32
	2.0	17.3	1.35	22.9	1.35	26.1	1.35	29	1.35	31.2	1.35	33.2	1.38	34.2	1.44	35.3	1.51	35.9	1.63
	2.5	13.1	1.66	19.8	1.66	23.7	1.66	27.2	1.66	29.8	1.66	32.2	1.7	33.5	1.75	34.8	1.83	35.5	1.95
	3.0			16.8	1.97	21.4	1.97	25.5	1.97	28.5	1.97	31.3	2.01	32.8	2.07	34.4	2.14	35.1	2.26
	3.5			13.9	2.29	19.1	2.29	23.8	2.29	27.2	2.29	30.4	2.33	32.2	2.38	33.9	2.46	34.8	2.58
	4.0					16.9	2.6	22.1	2.6	26	2.6	29.5	2.64	31.5	2.7	33.4	2.77	34.4	2.89
80-42	0.5	37.3	0.47	39.6	0.47	41	0.47	42.3	0.47	43.1	0.47	43.9	0.51	44.4	0.57	44.9	0.64	45.1	0.76
	1.0	30.4	0.85	34.7	0.85	37.2	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	24	1.24	30.1	1.24	33.6	1.24	36.7	1.24	38.9	1.24	40.9	1.28	42.2	1.33	43.3	1.4	43.9	1.52
	2.0	17.9	1.62	25.7	1.62	30.2	1.62	34.1	1.62	37	1.62	39.6	1.66	41.2	1.71	42.6	1.79	43.3	1.91
	2.5			21.5	2	26.9	2	31.7	2	35.2	2	38.2	2.04	40.2	2.1	41.9	2.17	42.8	2.29
	3.0					23.7	2.38	29.3	2.38	33.4	2.38	37	2.42	39.2	2.48	41.3	2.55	42.3	2.67
	3.5					20.6	2.77	27	2.77	31.7	2.77	35.7	2.8	38.3	2.86	40.6	2.93	41.8	3.05
	4.0							24.7	3.15	29.9	3.15	34.5	3.19	37.4	3.24	40	3.32	41.3	3.44
80-46	0.5	45.1	0.54	47.5	0.54	48.9	0.54	50.1	0.54	51	0.54	51.8	0.58	52.3	0.63	52.7	0.71	52.9	0.83
	1.0	38.2	0.99	42.5	0.99	45	0.99	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	31.8	1.43	37.9	1.43	41.4	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
	2.0	25.8	1.88	33.5	1.88	38	1.88	42	1.88	44.9	1.88	47.4	1.92	49	1.98	50.5	2.05	51.2	2.17
	2.5			29.3	2.33	34.8	2.33	39.6	2.33	43	2.33	46.1	2.37	48.1	2.42	49.8	2.5	50.7	2.62
	3.0					31.6	2.78	37.2	2.78	41.3	2.78	44.8	2.81	47.1	2.87	49.1	2.94	50.2	3.06
	3.5							34.9	3.22	39.5	3.22	43.6	3.26	46.2	3.32	48.5	3.39	49.7	3.51
	4.0									37.8	3.67	42.4	3.71	45.3	3.77	47.9	3.84	49.2	3.96
80-54	0.5	57	0.68	60.8	0.68	63	0.68	65	0.68	66.4	0.68	67.7	0.72	68.4	0.77	69.1	0.85	69.5	0.97
	1.0	46	1.27	52.9	1.27	56.9	1.27	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	35.8	1.86	45.5	1.86	51.1	1.86	56.1	1.86	59.7	1.86	63	1.9	64.8	1.95	66.7	2.03	67.7	2.15
	2.0					45.7	2.45	52	2.45	56.7	2.45	60.8	2.49	63.2	2.54	65.5	2.62	66.8	2.74
	2.5							48.1	3.04	53.8	3.04	58.8	3.08	61.6	3.13	64.4	3.21	66	3.33
	3.0									50.9	3.63	56.8	3.67	60.1	3.72	63.4	3.8	65.2	3.92
	3.5									48.1	4.22	54.8	4.26	58.6	4.31	62.3	4.39	64.4	4.51
	4.0											52.9	4.85	57.1	4.9	61.3	4.97	63.6	5.09
120-42	0.5	54.4	0.7	57.5	0.7	59.2	0.7	60.9	0.7	62	0.7	63	0.76	63.6	0.84	64.2	0.96	64.5	1.16
	1.0	45.5	1.25	51	1.25	54.2	1.25	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	37.3	1.79	45.1	1.79	49.6	1.79	53.7	1.79	56.6	1.79	59.2	1.85	60.7	1.93	62.3	2.05	63	2.26
	2.0	29.5	2.34	39.4	2.34	45.1	2.34	50.4	2.34	54.2	2.34	57.4	2.39	59.4	2.48	61.4	2.6	62.3	2.8
	2.5			33.9	2.88	40.9	2.88	47.2	2.88	51.8	2.88	55.7	2.94	58.1	3.02	60.5	3.14	61.6	3.35
	3.0					36.8	3.43	44.1	3.43	49.5	3.43	54.1	3.49	56.9	3.57	59.7	3.69	60.9	3.89
	3.5					32.7	3.98	41.2	3.98	47.2	3.98	52.5	4.03	55.7	4.11	58.8	4.23	60.3	4.44
	4.0							38.2	4.52	45	4.52	50.9	4.58	54.5	4.66	58	4.78	59.7	4.99

——注：性能表中，兰色区为不推荐区——



SN type three-spindle screw pump

转速 $n=950\text{r/min}$

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
size	(MPa)																		
120-46	0.5	66.2	0.8	69.3	0.8	71	0.8	72.7	0.8	73.8	0.8	74.8	0.85	75.4	0.94	76	1.06	76.3	1.26
	1.0	57.3	1.44	62.8	1.44	66	1.44	68.9	1.44	71	1.44	72.8	1.5	73.9	1.58	75	1.7	75.5	1.91
	1.5	49.1	2.09	56.8	2.09	61.4	2.09	65.5	2.09	68.4	2.09	71	2.14	72.5	2.22	74.1	2.34	74.8	2.55
	2.0	41.3	2.73	51.2	2.73	56.9	2.73	62.2	2.73	66	2.73	69.2	2.79	71.2	2.87	73.2	2.99	74.1	3.2
	2.5			45.7	3.38	52.7	3.38	59	3.38	63.6	3.38	67.5	3.43	69.9	3.51	72.3	3.63	73.4	3.84
	3.0					48.6	4.02	55.9	4.02	61.3	4.02	65.9	4.08	68.7	4.16	71.5	4.28	72.7	4.48
	3.5							52.9	4.66	59	4.66	64.3	4.72	67.4	4.8	70.6	4.92	72.1	5.13
	4.0									56.8	5.31	62.7	5.36	66.3	5.45	69.8	5.57	71.5	5.77
120-54	0.5	85.1	1.01	90	1.01	92.9	1.01	95.4	1.01	97.3	1.01	98.9	1.07	99.9	1.15	100.8	1.27	101.3	1.48
	1.0	70.9	1.87	79.7	1.87	84.9	1.87	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	57.7	2.73	70.1	2.73	77.5	2.73	83.8	2.73	88.6	2.73	92.8	2.78	95.2	2.86	97.6	2.98	98.9	3.19
	2.0					70.4	3.58	78.5	3.58	84.7	3.58	90.1	3.64	93.1	3.72	96.2	3.84	97.8	4.05
	2.5							73.4	4.44	80.9	4.44	87.4	4.5	91.1	4.58	94.8	4.7	96.8	4.9
	3.0									77.2	5.3	84.8	5.35	89.1	5.43	93.4	5.56	95.7	5.76
	3.5									73.6	6.15	82.3	6.21	87.2	6.29	92.1	6.41	94.7	6.62
	4.0											79.8	7.07	85.3	7.15	90.8	7.27	93.8	7.48
210-40	0.5	96.8	1.15	100.3	1.15	102.3	1.15	104.1	1.15	105.4	1.15	106.6	1.23	107.3	1.35	108	1.56	108.3	1.87
	1.0	86.7	2.06	93	2.06	96.6	2.06	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	77.4	2.98	86.3	2.98	91.3	2.98	95.9	2.98	99.3	2.98	102.2	3.05	104.1	3.18	105.7	3.38	106.6	3.7
	2.0	68.5	3.89	79.9	3.89	86.3	3.89	92.1	3.89	96.4	3.89	100.2	3.96	102.6	4.09	104.7	4.3	105.8	4.61
	2.5	60	4.8	73.7	4.8	81.5	4.8	88.5	4.8	93.7	4.8	98.3	4.88	101.1	5	103.7	5.21	105.1	5.52
	3.0			67.7	5.71	76.8	5.71	85	5.71	91.1	5.71	96.4	5.79	99.7	5.91	102.8	6.12	104.3	6.43
	3.5					72.3	6.62	81.6	6.62	88.5	6.62	94.6	6.7	98.4	6.82	101.9	7.03	103.6	7.34
	4.0							78.2	7.53	86	7.53	92.8	7.61	97.1	7.74	101	7.94	102.9	8.26
210-46	0.5	120.4	1.39	125.2	1.39	127.9	1.39	130.3	1.39	132.1	1.39	133.8	1.46	134.7	1.59	135.6	1.79	136.1	2.11
	1.0	106.6	2.53	115.2	2.53	120.2	2.53	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	93.8	3.68	106	3.68	113	3.68	119.1	3.68	123.8	3.68	127.8	3.76	130.2	3.88	132.5	4.09	133.8	4.4
	2.0	81.7	4.83	97.2	4.83	106.2	4.83	114	4.83	119.9	4.83	125.1	4.9	128.2	5.03	131.1	5.23	132.7	5.55
	2.5			88.8	5.97	99.7	5.97	109	5.97	116.2	5.97	122.6	6.05	126.3	6.17	129.7	6.38	131.7	6.69
	3.0					93.3	7.12	104.3	7.12	112.7	7.12	120	7.2	124.4	7.32	128.4	7.53	130.7	7.84
	3.5							99.6	8.27	109.2	8.27	117.6	8.34	122.5	8.47	127.1	8.67	129.8	8.99
	4.0									105.7	9.41	115.2	9.49	120.7	9.61	125.9	9.82	128.8	10.13
210-54	0.5	155.9	1.77	163.5	1.77	168	1.77	171.9	1.77	174.7	1.77	177.3	1.85	178.8	1.97	180.2	2.18	181	2.49
	1.0	133.8	3.3	147.5	3.3	155.5	3.3	162.5	3.3	167.7	3.3	172.3	3.38	175	3.5	177.6	3.71	179	4.02
	1.5	113.4	4.83	132.8	4.83	144.1	4.83	153.9	4.83	161.3	4.83	167.8	4.9	171.6	5.03	175.3	5.23	177.2	5.55
	2.0					133.2	6.36	145.8	6.36	155.1	6.36	163.4	6.43	168.3	6.56	173	6.76	175.5	7.08
	2.5							137.9	7.88	149.2	7.88	159.3	7.96	165.1	8.09	170.8	8.29	173.9	8.61
	3.0									143.5	9.41	155.2	9.49	162.1	9.61	168.7	9.82	172.3	10.13
	3.5									137.9	10.94	151.3	11.02	159.1	11.14	166.6	11.35	170.7	11.66
	4.0											12.47	147.4	12.55	156.2	12.67	164.6	12.88	169.2
280-43	0.5	141	1.71	146.8	1.71	150.1	1.71	153.1	1.71	155.3	1.71	157.2	1.84	158.3	2.01	159.4	2.34	160	2.8
	1.0	124.3	3.06	134.7	3.06	140.7	3.06	146	3.06	150	3.06	153.4	3.19	155.5	3.36	157.4	3.69	158.5	4.15
	1.5	108.9	4.41	123.6	4.41	132	4.41	139.5	4.41	145.2	4.41	150	4.54	152.9	4.71	155.6	5.04	157.2	5.5
	2.0	94.2	5.76	113	5.76	123.8	5.76	133.3	5.76	140.6	5.76	146.7	5.88	150.5	6.06	153.9	6.39	155.9	6.85
	2.5			102.8	7.11	115.9	7.11	127.4	7.11	136.1	7.11	143.5	7.23	148.1	7.41	152.2	7.74	154.6	8.2
	3.0					108.1	8.46	121.6	8.46	131.8	8.46	140.5	8.58	145.8	8.76	150.6	9.09	153.4	9.55
	3.5					100.6	9.8	116	9.8	127.6	9.8	137.5	9.93	143.6	10.11	149.1	10.44	152.3	10.9
	4.0							110.5	11.15	123.5	11.15	134.5	11.28	141.4	11.45	147.5	11.78	151.1	12.24
280-46	0.5	162.6	1.89	168.4	1.89	171.7	1.89	174.7	1.89	176.9	1.89	178.8	2.02	180	2.19	181	2.52	181.6	2.98
	1.0	145.9	3.42	156.3	3.42	162.3	3.42	167.6	3.42	171.6	3.42	175	3.55	177.1	3.72	179	4.05	180.1	4.51
	1.5	130.5	4.95	145.2	4.95	153.7	4.95	161.1	4.95	166.8	4.95	171.6	5.08	174.6	5.25	177.2	5.58	178.8	6.04
	2.0	115.9	6.48	134.6	6.48	145.4	6.48	155	6.48	162.2	6.48	168.3	6.6	172.1	6.78	175.5	7.11	177.5	7.57
	2.5			124.4	8.01	137.5	8.01	149	8.01	157.7	8.01	165.1	8.13	169.7	8.31	173.9	8.64	176.3	9.1
	3.0					129.8	9.54	143.2	9.54	153.4	9.54	162.1	9.66	167.4	9.84	172.3	10.17	175.1	10.63
	3.5							137.6	11.07	149.2	11.07	159.1	11.19	165.2	11.37	170.7	11.7	173.9	12.16
	4.0									145.1	12.59	156.2	12.72	163	12.9	169.2	13.23	172.7	13.69
280-54	0.5	211.1		220.3	2.4	225.7	2.4	230.3	2.4	233.9	2.4	236.9	2.53	238.8	2.7	240.5	3.03	241.4	3.49
	1.0	184.4	4.44	201	4.44	210.7	4.44	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	159.7	6.47	183.1	6.47	196.8	6.47	208.7	6.47	217.7	6.47	225.5	6.6	230.1	6.77	234.5	7.11	236.9	7.56
	2.0					183.6	8.51	198.8	8.51	210.3	8.51	220.2	8.64	226.2	8.81	231.8	9.14	234.8	9.6
	2.5							189.3	10.55	203.2	10.55	215.2	10.67	222.4	10.85	229.1	11.18	232.8	11.64
	3.0									196.3	12.58	210.3	12.71	218.7	12.88	226.6	13.21	230.9	13.67
	3.5									189.6	14.62	205.5	14.74	215.1	14.92	224.1	15.25	229	15.71
	4.0											200.8	16.78	211.6	16.96	221.6	17.29	227.2	17.75

——注：性能表中，兰色区为不推荐区——



SN type three-spindle screw pump

转速 n=950r/min

规格 size	压力 (MPa)	粘度 Viscosity = mm ² /s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
440-40	0.5	205.4	2.43	211.3	2.43	214.7	2.43	217.7	2.43	220	2.43	221.9	2.61	225.1	2.85	224.2	3.34	224.8	4.04
	1.0	188.3	4.31	199	4.31	205.1	4.31	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	172.5	6.2	187.6	6.2	196.2	6.2	203.8	6.2	209.6	6.2	214.6	6.39	217.5	6.65	220.3	7.12	221.9	7.81
	2.0	157.5	8.09	176.8	8.09	187.8	8.09	197.5	8.09	204.9	8.09	211.2	8.28	215	8.52	218.6	9.01	220.6	9.7
	2.5	143	9.98	166.3	9.98	179.6	9.98	191.4	9.98	200.3	9.98	208	10.17	212.5	10.41	216.9	10.9	219.3	11.59
	3.0			156.2	11.87	171.7	11.87	185.5	11.87	195.9	11.87	204.8	12.06	210.2	12.3	215.2	12.79	218	13.48
	3.5					164	13.76	179.7	13.76	191.6	13.76	201.7	13.95	207.8	14.19	213.6	14.68	216.8	15.37
	4.0							174.1	15.65	187.4	15.65	198.7	15.84	205.6	16.07	212.1	16.57	215.6	17.26
440-46	0.5	260.5	2.95	268.6	2.95	273.2	2.95	277.3	2.95	280.4	2.95	283.1	3.14	284.6	3.37	286.2	3.87	287	4.56
	1.0	237.1	5.36	251.7	5.36	260.1	5.36	267.5	5.36	273	5.36	277.9	5.55	280.7	5.79	283.5	6.28	285	6.97
	1.5	215.5	7.78	236.1	7.78	247.9	7.78	258.4	7.78	266.2	7.78	273.1	7.97	277	8.2	281	8.69	283.1	9.39
	2.0	195	10.19	221.3	10.19	236.4	10.19	249.8	10.19	259.7	10.19	268.5	10.38	273.5	10.61	278.6	11.11	281.3	11.8
	2.5			207	12.6	225.3	12.6	241.4	12.6	253.4	12.6	264.1	12.79	270.2	13.03	276.3	13.52	279.6	14.21
	3.0					204	17.43	225.5	17.43	241.4	17.43	255.7	17.62	263.8	17.85	271.9	18.35	276.2	19.04
	3.5							217.8	19.84	235.7	19.84	251.6	20.03	260.7	20.27	269.8	20.76	274.6	21.45
	4.0									259.7	20.19	268.5	20.38	273.5	20.61	278.6	21.11	281.3	21.8
440-52	0.5	294.1	3.38	307	3.38	314.5	3.38	321.1	3.38	326	3.38	330.3	3.56	332.8	3.8	335.3	4.29	336.6	4.99
	1.0	256.8	6.21	280	6.21	293.5	6.21	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	222.3	9.05	255	9.05	274.1	9.05	290.7	9.05	303.3	9.05	314.3	9.24	320.6	9.48	326.9	9.97	330.2	10.66
	2.0			231.3	11.89	255.6	11.89	276.9	11.89	292.9	11.89	307	12.08	315.1	12.32	323	12.81	327.4	13.5
	2.5					237.8	14.73	263.6	14.73	282.9	14.73	299.9	14.92	309.7	15.16	319.3	15.65	324.6	16.34
	3.0							250.6	17.57	273.3	17.57	293.1	17.76	304.6	18	315.8	18.49	321.9	19.18
	3.5									263.8	20.41	286.5	20.6	299.5	20.84	312.3	21.33	319.2	22.02
	4.0											279.9	23.44	294.6	23.67	308.8	24.17	316.6	24.86
440-54	0.5	333.5	3.7	346.3	3.7	353.8	3.7	360.4	3.7	365.3	3.7	369.6	3.89	372.1	4.13	374.6	4.62	375.9	5.31
	1.0	296.1	6.87	319.3	6.87	332.8	6.87	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	261.6	10.04	294.3	10.04	313.4	10.04	330	10.04	342.6	10.04	353.6	10.23	360	10.46	366.2	10.96	369.6	11.65
	2.0					294.9	13.2	316.2	13.2	332.2	13.2	346.3	13.39	354.4	13.63	362.3	14.12	366.7	14.81
	2.5							302.9	16.37	322.3	16.37	339.3	16.56	349.1	16.79	358.6	17.29	363.9	17.98
	3.0									312.6	19.54	332.4	19.73	343.9	19.96	355.1	20.46	361.2	21.15
	3.5									303.1	22.7	325.8	22.89	338.8	23.13	351.6	23.62	358.5	24.31
	4.0											319.2	26.06	333.9	26.29	348.2	26.79	356	27.48
660-40	0.5	324	3.71	331.9	3.71	336.4	3.71	340.5	3.71	343.5	3.71	346.1	3.98	347.7	4.31	349.2	5.05	350	6.03
	1.0	301.2	6.65	315.4	6.65	323.6	6.65	330.9	6.65	336.3	6.65	341	6.92	343.8	7.25	346.5	7.99	348	8.97
	1.5	280.1	9.58	300.1	9.58	311.7	9.58	322	9.58	329.6	9.58	336.3	9.86	340.2	10.19	344	10.93	346.1	11.91
	2.0	260	12.52	285.6	12.52	300.4	12.52	313.5	12.52	323.3	12.52	331.8	12.79	336.8	13.12	341.7	13.87	344.4	14.84
	2.5			271.6	15.46	289.5	15.46	305.4	15.46	317.2	15.46	327.4	15.73	333.5	16.06	339.4	16.8	342.7	17.78
	3.0					279	18.4	297.5	18.4	311.3	18.4	323.2	18.67	330.3	19	337.2	19.74	341	20.72
	3.5					268.7	21.33	289.8	21.33	305.5	21.33	319.1	21.6	327.2	21.94	335.1	22.68	339.4	23.66
	4.0							282.3	24.27	299.8	24.27	315.1	24.54	324.2	24.87	333	25.62	337.9	26.59
660-44	0.5	360.7	4.1	371.5	4.1	377.7	4.1	383.2	4.1	387.4	4.1	390.9	4.37	393.1	4.7	395.1	5.45	396.2	6.43
	1.0	329.5	7.43	349	7.43	360.2	7.43	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	300.6	10.76	328.1	10.76	343.9	10.76	357.9	10.76	368.5	10.76	377.5	11.03	382.9	11.36	388.1	12.11	390.9	13.09
	2.0			308.3	14.09	328.5	14.09	346.3	14.09	359.8	14.09	371.4	14.36	378.2	14.7	384.9	15.44	388.5	16.42
	2.5					313.6	17.42	335.2	17.42	351.5	17.42	365.4	17.7	373.7	18.03	381.8	18.77	386.1	19.75
	3.0					299.2	20.76	324.3	20.76	343.4	20.76	359.7	21.03	369.4	21.36	378.8	22.1	383.9	23.08
	3.5							313.8	24.09	335.6	24.09	354.1	24.36	365.1	24.69	375.9	25.43	381.7	26.41
	4.0									327.9	27.42	348.6	27.69	361	28.02	373	28.76	379.5	29.74
660-46	0.5	393.5	4.38	404.3	4.38	410.5	4.38	416	4.38	420.2	4.38	423.7	4.65	425.8	4.98	427.9	5.72	429	6.7
	1.0	362.2	7.98	381.7	7.98	392.9	7.98	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	333.3	11.58	360.9	11.58	376.7	11.58	390.6	11.58	401.2	11.58	410.3	11.85	415.6	12.18	420.8	12.93	423.7	13.91
	2.0			341	15.19	361.2	15.19	379.1	15.19	392.6	15.19	404.1	15.46	411	15.79	417.6	16.53	421.2	17.51
	2.5					346.3	18.79	367.9	18.79	384.3	18.79	398.2	19.06	406.5	19.39	414.5	20.13	418.9	21.11
	3.0							357.1	22.39	376.2	22.39	392.5	22.66	402.1	22.99	411.6	23.74	416.6	24.72
	3.5									368.3	26	386.9	26.27	397.9	26.6	408.6	27.34	414.4	28.32
	4.0									360.6	29.6	381.4	29.87	393.8	30.2	405.8	30.94	412.3	31.92
660-51	0.5	451.5	5.05	468.6	5.05	478.6	5.05	487.4	5.05	494	5.05	499.7	5.32	503.1	5.65	506.4	6.4	508.2	7.38
	1.0	401.7	9.33	432.5	9.33	450.5	9.33	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	355.6	13.61	399	13.61	424.4	13.61	446.8	13.61	463.7	13.61	478.2	13.88	486.8	14.21	495.2	14.96	499.7	15.94
	2.0					399.7	17.89	428.2	17.89	449.8	17.89	468.4	18.16	479.4	18.5	490	19.24	495.8	20.22
	2.5							410.4	22.17	436.5	22.17	459	22.45	472.3	22.78	485.1	23.52	492.1	24.5
	3.0									423.6	26.46	449.8	26.73	465.3	27.06	480.3	27.8	488.5	28.78
	3.5									411	30.74	440.9	31.01	458.5	31.34	475.7	32.08	484.9	33.06
	4.0											432.1	35.29	451.9	35.62	471.1	36.36	481.5	37.34

——注：性能表中，兰色区为不推荐区——



SN type three-spindle screw pump

转速 n=950r/min

规格 size	压力 (MPa)	粘度 Viscosity = mm ² /s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
660-54	0.5	521.6	5.64	538.7	5.64	548.7	5.64	557.5	5.64	564.1	5.64	569.8	5.91	575.2	6.24	576.5	6.98	578.3	7.96
	1.0	471.8	10.5	502.6	10.5	520.6	10.5	536.4	10.5	548.4	10.5	558.7	10.77	564.8	11.1	570.7	11.85	575.9	12.82
	1.5			469.1	15.37	494.6	15.37	516.9	15.37	533.8	15.37	548.3	15.64	556.9	15.97	565.3	16.71	569.8	17.69
	2.0					469.8	20.23	498.3	20.23	520	20.23	538.5	20.5	549.5	20.83	560.1	21.57	565.9	22.55
	2.5							480.5	25.1	506.6	25.1	529.1	25.37	542.4	25.7	555.2	26.44	562.2	27.42
	3.0									493.7	29.96	519.9	30.23	535.4	30.56	550.4	31.3	558.6	32.28
	3.5											511	35.1	528.7	35.43	545.8	36.17	555	37.15
	4.0													522	40.29	541.2	41.03	551.6	42.01
940-42	0.5	462.7	5.38	476.6	5.38	484.7	5.38	491.8	5.38	497.1	5.38	501.8	5.76	504.5	6.2	507.1	7.25	508.6	8.57
	1.0	422.3	9.66	447.4	9.66	462	9.66	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	385	13.93	420.4	13.93	441	13.93	458.9	13.93	472.6	13.93	484.5	14.31	491.4	14.75	498	15.8	501.7	17.12
	2.0	349.5	18.21	394.8	18.21	421.1	18.21	444	18.21	461.4	18.21	476.6	18.59	485.4	19.03	493.9	20.07	498.6	21.39
	2.5			370.1	22.48	401.9	22.48	429.5	22.48	450.7	22.48	469	22.86	479.7	23.3	489.9	24.35	495.6	25.67
	3.0					383.2	26.76	415.6	26.76	440.2	26.76	461.6	27.14	474.1	27.58	486	28.62	492.6	29.94
	3.5							401.9	31.03	430	31.03	454.4	31.41	468.6	31.85	482.3	32.9	489.8	34.22
	4.0									420.1	35.31	447.4	35.69	463.3	36.13	478.6	37.17	487	38.49
940-46	0.5	565.5	6.24	579.5	6.24	587.6	6.24	594.6	6.24	600	6.24	604.7	6.62	607.4	7.06	610	8.1	611.4	9.42
	1.0	525.2	11.37	550.3	11.37	564.9	11.37	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	487.8	16.5	523.3	16.5	543.9	16.5	561.8	16.5	575.5	16.5	587.3	16.88	594.3	17.32	600.9	18.37	604.6	19.69
	2.0			497.6	21.64	523.9	21.64	546.8	21.64	564.3	21.64	579.5	22.01	588.3	22.46	596.8	23.5	601.4	24.82
	2.5					504.7	26.77	532.4	26.77	553.5	26.77	571.8	27.15	582.5	27.59	592.8	28.63	598.4	29.95
	3.0							518.4	31.9	543.1	31.9	564.5	32.28	576.9	32.72	588.9	33.76	595.5	35.09
	3.5									532.9	37.03	557.3	37.41	571.5	37.85	585.1	38.9	592.7	40.22
	4.0									522.9	42.16	550.2	42.54	566.2	42.98	581.4	44.03	589.9	45.35
940-50	0.5	620.6	6.95	642.8	6.95	655.7	6.95	667.1	6.95	675.6	6.95	683.1	7.33	687.4	7.77	691.7	8.81	693.9	10.13
	1.0	556	12.79	596	12.79	619.3	12.79	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	496.4	18.63	552.8	18.63	585.7	18.63	614.7	18.63	636.4	18.63	655.3	19.01	666.5	19.45	677.2	20.5	683	21.82
	2.0			511.8	24.48	553.8	24.48	590.7	24.48	618.5	24.48	642.6	24.85	656.9	25.3	670.6	26.34	678	27.66
	2.5					523	30.32	567.7	30.32	601.2	30.32	630.4	30.69	647.6	31.14	664.2	32.18	673.1	33.5
	3.0									584.5	36.16	618.6	36.54	638.7	36.98	658	38.02	668.5	39.34
	3.5									568.2	42	607.1	42.38	630	42.82	652	43.86	663.9	45.19
	4.0											595.8	48.22	621.4	48.66	646.1	49.71	659.4	51.03
940-54	0.5	738.5	7.93	760.7	7.93	773.6	7.93	785	7.93	793.6	7.93	801	8.31	805.4	8.75	809.6	9.8	811.9	11.12
	1.0	674	14.76	714	14.76	737.3	14.76	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			670.8	21.58	703.6	21.58	732.6	21.58	754.3	21.58	773.2	21.96	784.4	22.4	795.1	23.44	800.9	24.77
	2.0					671.7	28.41	708.7	28.41	736.4	28.41	760.6	28.78	774.8	29.23	788.5	30.27	795.9	31.59
	2.5							685.6	35.23	719.2	35.23	748.4	35.61	765.6	36.05	782.1	37.09	791.1	38.42
	3.0									702.4	42.06	736.5	42.43	756.6	42.88	776	43.92	786.4	45.24
	3.5											725	49.26	747.9	49.7	769.9	50.74	781.8	52.07
	4.0													739.4	56.53	764.1	57.57	777.4	58.89
1300-38	0.5	561.7	6.58	574.5	6.58	581.9	6.58	588.5	6.58	593.4	6.58	597.7	7.12	600.2	7.66	602.6	9.17	603.9	10.86
	1.0	524.5	11.65	547.7	11.65	561	11.65	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	490.1	16.72	522.9	16.72	541.7	16.72	558.3	16.72	570.9	16.72	581.7	17.25	588.1	17.79	594.3	19.31	597.6	20.99
	2.0	457.5	21.78	499.3	21.78	523.3	21.78	544.6	21.78	560.6	21.78	574.5	22.32	582.6	22.86	590.5	24.37	594.7	26.06
	2.5			476.6	26.85	505.6	26.85	531.3	26.85	550.7	26.85	567.5	27.39	577.3	27.93	586.9	29.44	591.9	31.13
	3.0			454.6	31.92	488.4	31.92	518.4	31.92	541.1	31.92	560.7	32.45	572.1	32.99	583.3	34.51	589.2	36.19
	3.5					471.7	36.98	505.9	36.98	531.7	36.98	554.1	37.52	567.1	38.06	579.9	39.57	586.5	41.26
	4.0							493.6	42.05	522.6	42.05	547.6	42.59	562.2	43.13	576.5	44.64	584	46.33
1300-42	0.5	664	7.58	681.5	7.58	691.6	7.58	700.6	7.58	707.3	7.58	713.1	8.11	716.5	8.65	719.9	10.17	721.6	11.86
	1.0	613.2	13.64	644.7	13.64	663	13.64	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	566.3	19.7	610.8	19.7	636.6	19.7	659.3	19.7	676.4	19.7	691.2	20.23	700	20.77	708.5	22.29	713	23.98
	2.0	521.8	25.76	578.5	25.76	611.5	25.76	640.5	25.76	662.4	25.76	681.3	26.29	692.5	26.83	703.3	28.35	709	30.04
	2.5			547.5	31.82	587.4	31.82	622.4	31.82	648.8	31.82	671.7	32.35	685.2	32.89	698.3	34.41	705.2	36.1
	3.0					563.9	37.88	604.9	37.88	635.6	37.88	662.4	38.41	678.1	38.95	693.4	40.47	701.5	42.16
	3.5							587.7	43.94	622.8	43.94	653.3	44.47	671.3	45.02	688.7	46.53	697.9	48.22
	4.0							50	50	610.3	50	644.4	50.53	664.5	51.08	684	52.59	694.4	54.28
1300-46	0.5	781.9	8.56	799.4	8.56	809.6	8.56	818.5	8.56	825.2	8.56	831	9.09	834.5	9.64	837.8	11.15	839.6	12.84
	1.0	731.2	15.6	762.7	15.6	781	15.6	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	684.3	22.64	728.7	22.64	754.6	22.64	777.3	22.64	794.4	22.64	809.2	23.18	817.9	23.72	826.4	25.24	830.9	26.92
	2.0			696.5	29.69	729.5	29.69	758.5	29.69	780.3	29.69	799.2	30.22	810.4	30.77	821.2	32.28	827	33.97
	2.5					705.3	36.73	740.4	36.73	766.7	36.73	789.6	37.27	803.1	37.81	816.2	39.32	823.2	41.01
	3.0							722.8	43.77	753.6	43.77	780.3	44.31	796.1	44.85	811.3	46.37	819.5	48.05
	3.5									740.8	50.82	771.2	51.35	789.2	51.89	806.6	53.41	815.9	55.1
	4.0									728.2	57.86	762.3	58.4	782.5	58.94	802	60.45	812.4	62.14

——注：性能表中，兰色区为不推荐区——



SN type three-spindle screw pump

转速 $n=950\text{r/min}$

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
size	(MPa)																		
1300-54	0.5	1023	10.88	1051	10.88	1067	10.88	1082	10.88	1092	10.88	1102	11.42	1107	11.96	1113	13.48	1115	15.16
	1.0	941.3	20.25	992.3	20.25	1021	20.25	1047	20.25	1067	20.25	1084	20.79	1093	21.33	1103	22.85	1108	24.53
	1.5			938	29.62	978.9	29.62	1016	29.62	1043	29.62	1067	30.16	1081	30.7	1094	32.21	1102	33.9
	2.0					938.6	38.99	985.5	38.99	1021	38.99	1051	39.53	1069	40.07	1086	41.58	1095	43.27
	2.5							956.5	48.36	998.8	48.36	1035	48.9	1057	49.44	1078	50.95	1089	52.64
	3.0							928.4	57.73	977.7	57.73	1021	58.27	1046	58.81	1070	60.32	1083	62.01
	3.5											1006	67.63	1035	68.18	1063	69.69	1078	71.38
	4.0													1024	77.54	1055	79.06	1072	80.75
1700-42	0.5	894.7	10.16	916.3	10.16	929.1	10.16	940	10.16	948.4	10.16	955.5	10.79	959.7	11.46	963.8	13.47	966.1	15.71
	1.0	831.9	18.27	870.9	18.27	893.9	18.27	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	775.9	26.38	829	26.38	861.4	26.38	889.2	26.38	910.4	26.38	928.6	27.01	939.3	27.67	949.8	29.69	955.4	31.92
	2.0	718.8	34.48	789.1	34.48	830.5	34.48	866	34.48	893.1	34.48	916.3	35.12	930	35.78	943.4	37.8	950.6	40.03
	2.5			750.7	42.59	800.8	42.59	843.7	42.59	876.4	42.59	904.5	43.23	921.1	43.89	937.2	45.9	945.9	48.14
	3.0					771.9	50.7	822.1	50.7	860.2	50.7	893	51.33	912.4	51.99	931.2	54.01	941.4	56.24
	3.5							800.9	58.81	844.4	58.81	881.9	59.44	903.9	60.1	925.4	62.12	937	64.35
	4.0									829	66.91	870.9	67.55	895.6	68.21	919.6	70.23	932.6	72.46
1700-46	0.5	1049	11.44	1070	11.44	1083	11.44	1094	11.44	1102	11.44	1110	12.08	1114	12.74	1118	14.76	1120	16.99
	1.0	985.9	20.83	1025	20.83	1048	20.83	1068	20.83	1083	20.83	1096	21.47	1103	22.13	1111	24.15	1115	26.38
	1.5	927.9	30.22	982.9	30.22	1015	30.22	1043	30.22	1064	30.22	1083	30.86	1093	31.52	1104	33.54	1109	35.77
	2.0			943	39.62	984.5	39.62	1020	39.62	1047	39.62	1070	40.25	1084	40.91	1097	42.93	1105	45.16
	2.5					954.8	49.01	997.7	49.01	1030	49.01	1059	49.64	1075	50.3	1091	52.32	1100	54.55
	3.0							976	58.4	1014	58.4	1047	59.03	1066	59.69	1085	61.71	1095	63.94
	3.5									998.4	67.79	1036	68.42	1058	69.08	1079	71.1	1091	73.33
	4.0									983	77.18	1025	77.81	1050	78.47	1074	80.49	1087	82.72
2200-42	0.5	1172	13.27	1198	13.27	1213	13.27	1226	13.27	1236	13.27	1245	14.03	1250	14.82	1255	17.2	1258	20.03
	1.0	1096	23.81	1143	23.81	1170	23.81	1194	23.81	1212	23.81	1228	24.57	1237	25.36	1246	27.75	1251	30.58
	1.5	1026	34.36	1092	34.36	1131	34.36	1165	34.36	1190	34.36	1212	35.12	1225	35.91	1238	38.5	1245	41.13
	2.0	959.4	44.91	1044	44.91	1094	44.91	1137	44.91	1169	44.91	1198	45.67	1214	46.46	1230	48.85	1239	51.68
	2.5			997.8	55.46	1058	55.46	1110	55.46	1149	55.46	1183	56.22	1203	57.01	1223	59.39	1233	62.23
	3.0					1023	66.01	1084	66.01	1129	66.01	1169	66.77	1193	67.56	1215	69.94	1228	72.78
	3.5							1058	76.56	1110	76.56	1156	77.31	1183	78.1	1208	80.49	1222	83.32
	4.0									1092	87.1	1143	87.86	1173	88.65	1202	91.04	1217	93.87
2200-46	0.5	1367	14.89	1393	14.89	1408	14.89	1421	14.89	1431	14.89	1440	15.65	1445	16.44	1450	18.83	1453	21.66
	1.0	1291	27.07	1338	27.07	1365	27.07	1389	27.07	1407	27.07	1423	27.83	1432	28.62	1441	31	1446	33.84
	1.5	1221	39.24	1287	39.24	1326	39.24	1360	39.24	1385	39.24	1408	40	1421	40.79	1433	43.18	1440	46.01
	2.0			1239	51.42	1289	51.42	1332	51.42	1364	51.42	1393	52.18	1409	52.97	1425	55.35	1434	58.19
	2.5					1253	63.59	1305	63.59	1344	63.59	1379	64.35	1399	65.14	1418	67.53	1428	70.36
	3.0							1279	75.77	1325	75.77	1365	76.53	1388	77.32	1411	79.71	1423	82.54
	3.5									1306	87.94	1351	88.7	1378	89.49	1404	91.88	1418	94.71
	4.0									1287	100.1	1338	100.9	1368	101.7	1397	104.1	1412	106.89
2900-40	0.5	1742	19.72	1778	19.72	1800	19.72	1818	19.72	1832	19.72	1844	20.81	1852	22.1	1858	26.05	1862	29.82
	1.0	1636	35.34	1702	35.34	1740	35.34	1774	35.34	1799	35.34	1821	36.42	1834	37.71	1846	41.66	1853	45.44
	1.5	1538	50.95	1631	50.95	1685	50.95	1733	50.95	1768	50.95	1799	52.04	1817	53.33	1835	57.28	1844	61.05
	2.0			1564	66.57	1632	66.57	1694	66.57	1739	66.57	1778	67.65	1801	68.94	1824	72.89	1836	76.67
	2.5					1582	82.18	1656	82.18	1710	82.18	1758	83.27	1786	84.56	1813	88.51	1828	92.28
	3.0							1619	97.8	1683	97.8	1739	98.88	1772	100.2	1803	104.1	1820	107.9
	3.5									1656	113.4	1720	114.5	1757	115.8	1794	119.7	1813	123.51
	4.0									1630	129	1702	130.1	1743	131.4	1784	135.4	1806	139.13
3600-46	0.5	2200	23.54	2237	23.54	2258	23.54	2277	23.54	2291	23.54	2303	24.63	2310	25.92	2317	29.87	2321	33.64
	1.0	2094	42.98	2160	42.98	2198	42.98	2232	42.98	2257	42.98	2279	44.07	2292	45.36	2305	49.5	2311	53.08
	1.5			2090	62.42	2143	62.42	2191	62.42	2227	62.42	2258	63.5	2276	64.79	2293	68.74	2303	72.52
	2.0					2091	81.86	2152	81.86	2197	81.86	2237	82.94	2260	84.23	2283	88.18	2295	91.96
	2.5							2115	101.3	2169	101.3	2217	102.4	2245	103.7	2272	107.6	2287	111.59
	3.0									2142	120.7	2198	121.8	2230	123.1	2262	127.1	2279	130.83
	3.5											2179	141.3	2216	142.5	2252	146.5	2272	150.27
	4.0													2202	162	2242	165.9	2264	169.7
5300-46	0.5	3325	36.8	3374	36.8	3403	36.8	3428	36.8	3446	36.8	3463	39	3472	41.2	3481	48.8	3486	56
	1.0	3184	66	3272	66	3323	66	3368	66	3402	66	3431	68.2	3448	70.4	3465	77.9	3474	85.2
	1.5			3177	95.1	3249	95.1	3313	95.1	3361	95.1	3402	97.3	3426	100	3450	107	3462	114
	2.0					3179	124	3260	124	3322	124	3374	127	3405	129	3435	136	3451	144
	2.5							3210	154	3284	154	3347	156	3385	158	3421	165	3441	173
	3.0									3247	183	3321	185	3365	187	3408	195	3430	202
	3.5											3294	214	3346	216	3394	224	3420	231
	4.0													3327	245	3381	253	3411	260

——注：性能表中，兰色区为不推荐区——



SN type three-spindle screw pump

转速 $n=1450\text{r/min}$

规格 size	压力 (MPa)	粘度 Viscosity = mm ² /s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
40-38	0.5	27.6	0.41	28.7	0.41	29.3	0.41	29.9	0.41	30.5	0.41	30.6	0.48	30.8	0.58	31.1	0.7	31.2	0.92
	1.0	24.5	0.68	26.5	0.68	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	21.6	0.94	24.4	0.94	26	0.94	27.4	0.94	28.4	0.94	29.2	1.01	29.8	1.11	30.4	1.25	30.7	1.45
	2.0	18.9	1.2	22.5	1.2	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
	2.5	16.2	1.46	20.6	1.46	23	1.46	25.2	1.46	26.7	1.46	28	1.53	28.9	1.63	29.8	1.75	30.2	1.97
	3.0	13.7	1.73	18.8	1.73	21.6	1.73	24.1	1.73	25.9	1.73	27.4	1.8	28.4	1.9	29.5	2.02	30	2.24
	3.5			17	1.99	20.2	1.99	23.1	1.99	25.1	1.99	26.9	2.06	28	2.16	29.2	2.28	29.8	2.5
	4.0			15.3	2.25	18.8	2.25	22.1	2.25	24.4	2.25	26.3	2.32	27.6	2.42	28.9	2.54	29.6	2.76
40-46	0.5	36.7	0.5	38.2	0.5	39	0.5	39.8	0.5	40.3	0.5	40.8	0.57	41.1	0.67	41.4	0.79	41.6	1.01
	1.0	32.5	0.85	35.1	0.85	36.6	0.85	38	0.85	39	0.85	39.9	0.92	40.4	1.02	40.9	1.14	41.2	1.36
	1.5	28.6	1.2	32.3	1.2	34.4	1.2	36.4	1.2	37.8	1.2	39	1.27	39.7	1.37	40.4	1.49	40.9	1.71
	2.0	24.9	1.55	29.6	1.55	32.3	1.55	34.8	1.55	36.6	1.55	38.2	1.62	39.1	1.72	40	1.84	40.6	2.06
	2.5	21.3	1.9	27	1.9	30.2	1.9	33.3	1.9	35.5	1.9	37.4	1.97	38.5	2.07	39.6	2.19	40.3	2.41
	3.0			24.4	2.25	28.3	2.25	31.8	2.25	34.4	2.25	36.7	2.32	37.9	2.42	39.2	2.54	40	2.76
	3.5					26.3	2.6	30.4	2.6	33.3	2.6	35.9	2.67	37.4	2.77	38.8	2.89	39.7	3.11
	4.0							29	2.95	32.3	2.95	35.2	3.02	36.8	3.12	38.4	3.24	39.4	3.46
40-54	0.5	48	0.62	50.3	0.62	51.6	0.62	52.8	0.62	53.7	0.62	54.5	0.69	55	0.79	55.4	0.91	55.7	1.13
	1.0	41.2	1.09	45.4	1.09	47.8	1.09	50	1.09	51.6	1.09	53	1.16	53.8	1.26	54.6	1.38	55.1	1.6
	1.5	34.9	1.56	40.9	1.56	44.3	1.56	47.4	1.56	49.6	1.56	51.6	1.63	52.7	1.73	53.9	1.85	54.6	2.07
	2.0			36.6	2.03	40.9	2.03	44.9	2.03	47.7	2.03	50.3	2.1	51.7	2.2	53.2	2.32	54.1	2.54
	2.5					37.7	2.5	42.5	2.5	45.9	2.5	49	2.57	50.7	2.67	52.5	2.79	53.6	3.01
	3.0							40.1	2.97	44.2	2.97	47.7	3.04	49.8	3.14	51.8	3.26	53.1	3.48
	3.5							37.8	3.44	42.5	3.44	46.5	3.51	48.9	3.61	51.2	3.73	52.6	3.95
	4.0									40.8	3.91	45.4	3.98	48	4.08	50.6	4.2	52.2	4.42
80-36	0.5	51.2	0.69	53	0.69	53.9	0.69	54.8	0.69	55.5	0.69	56.1	0.78	56.4	0.91	56.8	1.08	56.9	1.36
	1.0	46.2	1.17	49.3	1.17	51.1	1.17	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	41.6	1.65	45.9	1.65	48.5	1.65	50.7	1.65	52.4	1.65	54	1.74	54.8	1.87	55.7	2.04	56.1	2.32
	2.0	37.1	2.13	42.7	2.13	46	2.13	48.8	2.13	51	2.13	53	2.22	54.1	2.35	55.2	2.52	55.7	2.8
	2.5	32.9	2.61	39.6	2.61	43.6	2.61	47	2.61	49.7	2.61	52.1	2.7	53.4	2.83	54.7	3	55.3	3.28
	3.0	28.8	3.09	36.6	3.09	41.2	3.09	45.3	3.09	48.3	3.09	51.1	3.18	52.7	3.31	54.2	3.48	55	3.76
	3.5	24.7	3.56	33.7	3.56	38.9	3.56	43.6	3.56	47.1	3.56	50.2	3.65	52	3.78	53.7	3.95	54.6	4.23
	4.0			30.9	4.04	36.7	4.04	41.9	4.04	45.8	4.04	49.4	4.15	51.3	4.26	53.3	4.45	54.3	4.71
80-42	0.5	61.4	0.79	63.8	0.79	65.2	0.79	66.4	0.79	67.3	0.79	68.1	0.88	68.6	1.01	69	1.18	69.2	1.46
	1.0	54.5	1.38	58.8	1.38	61.3	1.38	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	48.1	1.96	54.2	1.96	57.7	1.96	60.8	1.96	63.1	1.96	65.1	2.05	66.3	2.18	67.5	2.35	68	2.63
	2.0	42.1	2.54	49.8	2.54	54.3	2.54	58.3	2.54	61.2	2.54	63.7	2.63	65.3	2.76	66.8	2.93	67.5	3.21
	2.5	36.2	3.13	45.6	3.13	51	3.13	55.8	3.13	59.3	3.13	62.4	3.22	64.3	3.35	66.1	3.52	66.9	3.8
	3.0			41.5	3.71	47.9	3.71	53.5	3.71	57.5	3.71	61.1	3.8	63.4	3.93	65.4	4.1	66.4	4.38
	3.5			37.5	4.29	44.8	4.29	51.1	4.29	55.8	4.29	59.8	4.38	62.5	4.51	64.8	4.68	65.9	4.96
	4.0					41.7	4.88	48.9	4.88	54.1	4.88	58.6	4.97	61.6	5.1	64.2	5.27	65.5	5.55
80-46	0.5	73.4	0.89	75.8	0.89	77.2	0.89	78.4	0.89	79.3	0.89	80.1	0.98	80.6	1.11	81	1.28	81.2	1.56
	1.0	66.5	1.58	70.8	1.58	73.3	1.58	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	60.1	2.26	66.2	2.26	69.7	2.26	72.8	2.26	75.1	2.26	77.1	2.35	78.3	2.48	79.5	2.65	80	2.93
	2.0	54.1	2.94	61.8	2.94	66.3	2.94	70.3	2.94	73.2	2.94	75.7	3.03	77.3	3.16	78.8	3.33	79.5	3.61
	2.5	48.2	3.63	57.6	3.63	63	3.63	67.8	3.63	71.3	3.63	74.4	3.72	76.3	3.85	78.1	4.02	78.9	4.3
	3.0			53.5	4.31	59.9	4.31	65.5	4.31	69.5	4.31	73.1	4.4	75.4	4.53	77.4	4.7	78.4	4.98
	3.5					56.8	4.99	63.1	4.99	67.8	4.99	71.8	5.08	74.5	5.21	76.8	5.38	77.9	5.66
	4.0							60.9	5.68	66.1	5.68	70.6	5.77	73.6	5.9	76.2	6.07	77.5	6.35
80-54	0.5	94.2	1.11	98.1	1.11	100.3	1.11	102.2	1.11	103.7	1.11	104.9	1.2	105.7	1.33	106.4	1.5	106.8	1.78
	1.0	83.2	2.01	90.1	2.01	94.1	2.01	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	73	2.91	82.7	2.91	88.4	2.91	93.3	2.91	97	2.91	100.2	3	102.1	3.13	103.9	3.3	104.9	3.58
	2.0			75.7	3.81	82.9	3.81	89.3	3.81	93.9	3.81	98.1	3.9	100.4	4.03	102.8	4.2	104	4.48
	2.5					77.7	4.71	85.3	4.71	91	4.71	96	4.8	98.8	4.93	101.7	5.1	103.2	5.38
	3.0							81.5	5.61	88.2	5.61	94	5.7	97.3	5.83	100.6	6	102.4	6.28
	3.5							77.8	6.51	85.4	6.51	92	6.6	95.8	6.73	99.6	6.9	101.6	7.18
	4.0									82.7	7.41	90.1	7.5	94.4	7.63	98.6	7.8	100.9	8.08
120-42	0.5	88.9	1.19	92	1.19	93.7	1.19	95.3	1.19	96.5	1.19	97.5	1.32	98.1	1.51	98.7	1.79	99	2.27
	1.0	80	2.03	85.5	2.03	88.7	2.03	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	71.8	2.86	79.5	2.86	84.1	2.86	88.1	2.86	91.1	2.86	93.6	2.99	95.2	3.18	96.8	3.46	97.5	3.94
	2.0	63.9	3.69	73.9	3.69	79.6	3.69	84.9	3.69	88.6	3.69	91.9	3.82	93.9	4.01	95.9	4.29	96.8	4.77
	2.5	56.4	4.53	68.4	4.53	75.4	4.53	81.7	4.53	86.3	4.53	90.2	4.66	92.6	4.85	95	5.13	96.1	5.61
	3.0			63.1	5.36	71.3	5.36	78.6	5.36	84	5.36	88.6	5.49	91.3	5.68	94.1	5.96	95.4	6.44
	3.5			57.9	6.19	67.2	6.19	75.6	6.19	81.7	6.19	86.9	6.32	90.1	6.51	93.3	6.79	94.8	7.27
	4.0					63.3	7.03	72.7	7.03	79.5	7.03	85.4	7.16	89	7.35	92.5	7.63	94.2	8.11

——注：性能表中，蓝色区为不推荐区——



SN type three-spindle screw pump

转速 $n=1450\text{r/min}$

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
size	(MPa)																		
120-46	0.5	106.9	1.34	110	1.34	111.7	1.34	113.3	1.34	114.5	1.34	115.5	1.47	116.1	1.66	116.7	1.94	117	2.42
	1.0	98	2.33	103.5	2.33	106.7	2.33	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	89.8	3.31	97.5	3.31	102.1	3.31	106.1	3.31	109.1	3.31	111.6	3.44	113.2	3.63	114.8	3.91	115.5	4.39
	2.0	81.9	4.29	91.9	4.29	97.6	4.29	102.9	4.29	106.6	4.29	109.9	4.42	111.9	4.61	113.9	4.89	114.8	5.37
	2.5	74.4	5.28	86.4	5.28	93.4	5.28	99.7	5.28	104.3	5.28	108.2	5.41	110.6	5.6	113	5.88	114.1	6.36
	3.0			81.1	6.26	89.3	6.26	96.6	6.26	102	6.26	106.6	6.39	109.3	6.58	112.1	6.86	113.4	7.34
	3.5					85.2	7.24	93.6	7.24	99.7	7.24	104.9	7.37	108.1	7.56	111.3	7.84	112.8	8.32
	4.0							90.7	8.23	97.5	8.23	103.4	8.36	107	8.55	110.5	8.83	112.2	9.31
120-54	0.5	139.2	1.67	144.1	1.67	147	1.67	149.5	1.67	151.4	1.67	153.1	1.8	154	1.99	154.9	2.27	155.4	2.75
	1.0	125	2.98	133.8	2.98	139	2.98	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	111.8	4.29	124.3	4.29	131.6	4.29	137.9	4.29	142.7	4.29	147	4.42	149.4	4.61	151.8	4.89	153	5.37
	2.0			115.2	5.59	124.6	5.59	132.7	5.59	138.8	5.59	144.2	5.72	147.3	5.91	150.3	6.19	152	6.67
	2.5					117.8	6.9	127.6	6.9	135	6.9	141.5	7.03	145.2	7.22	148.9	7.5	150.9	7.98
	3.0							122.7	8.21	131.3	8.21	138.9	8.34	143.3	8.53	147.6	8.81	149.9	9.29
	3.5							117.8	9.52	127.7	9.52	136.4	9.65	141.3	9.84	146.3	10.12	148.9	10.6
	4.0									124.2	10.83	133.9	10.96	139.5	11.15	145	11.43	147.9	11.91
210-40	0.5	154.4	1.95	157.9	1.95	159.9	1.95	161.7	1.95	163	1.95	164.2	2.15	164.9	2.42	165.6	2.9	165.9	3.63
	1.0	144.3	3.34	150.6	3.34	154.2	3.34	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	135	4.74	143.9	4.74	148.9	4.74	153.4	4.74	156.8	4.74	159.8	4.92	161.6	5.21	163.3	5.69	164.2	6.42
	2.0	126.1	6.13	137.4	6.13	143.9	6.13	149.7	6.13	154	6.13	157.8	6.31	160.2	6.6	162.3	7.08	163.4	7.81
	2.5	117.5	7.52	131.3	7.52	139.1	7.52	146.1	7.52	151.3	7.52	155.9	7.7	158.7	7.99	161.3	8.47	162.6	9.2
	3.0	109.2	8.91	125.3	8.91	134.4	8.91	142.6	8.91	148.7	8.91	154	9.09	157.3	9.38	160.4	9.86	161.9	10.59
	3.5			119.4	10.3	129.9	10.3	139.2	10.3	146.1	10.3	152.2	10.48	156	10.77	159.5	11.25	161.2	11.98
	4.0					125.4	11.69	135.8	11.69	143.6	11.69	150.4	11.87	154.7	12.16	158.6	12.64	160.5	13.37
210-46	0.5	192.8	2.31	197.6	2.31	200.3	2.31	202.7	2.31	204.6	2.31	206.2	2.49	207.1	2.78	208	3.26	208.5	3.99
	1.0	179	4.06	187.6	4.06	192.6	4.06	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	166.2	5.81	178.4	5.81	185.4	5.81	191.5	5.81	196.2	5.81	200.3	5.99	202.7	6.28	204.9	6.76	206.2	7.49
	2.0	154.1	7.56	169.6	7.56	178.6	7.56	186.4	7.56	192.3	7.56	197.6	7.74	200.6	8.03	203.5	8.51	205.1	9.24
	2.5	142.5	9.31	161.2	9.31	172.1	9.31	181.5	9.31	188.6	9.31	195	9.49	198.7	9.78	202.2	10.26	204.1	10.99
	3.0			153	11.06	165.7	11.06	176.7	11.06	185.1	11.06	192.4	11.24	196.8	11.53	200.8	12.01	203.1	12.74
	3.5					159.5	12.81	172	12.81	181.6	12.81	190	12.99	194.9	13.28	199.6	13.76	202.2	14.49
	4.0							167.4	14.56	178.2	14.56	187.6	14.74	193.1	15.03	198.3	15.51	201.2	16.24
210-54	0.5	252.5	2.89	260.1	2.89	264.5	2.89	268.4	2.89	271.3	2.89	273.8	3.07	275.3	3.36	276.8	3.84	277.6	4.57
	1.0	230.4	5.23	244.1	5.23	252.1	5.23	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	210	7.56	229.3	7.56	240.6	7.56	250.5	7.56	257.8	7.56	264.3	7.74	268.1	8.03	271.8	8.51	273.8	9.24
	2.0			215.3	9.89	229.7	9.89	242.3	9.89	251.7	9.89	260	10.07	264.9	10.36	269.5	10.84	272.1	11.57
	2.5					219.2	12.23	234.5	12.23	245.8	12.23	255.8	12.41	261.7	12.7	267.4	13.18	270.4	13.91
	3.0							226.8	14.56	240.1	14.56	251.8	14.74	258.6	15.03	265.2	15.51	268.8	16.24
	3.5							219.4	16.89	234.5	16.89	247.8	17.07	255.6	17.36	263.2	17.84	267.2	18.57
	4.0									229	19.23	243.9	19.41	252.7	19.7	261.2	20.18	265.7	20.91
280-43	0.5	226.2	2.91	232	2.91	235.3	2.91	238.2	2.91	240.5	2.91	242.3	3.2	243.5	3.61	244.6	4.38	245.2	5.45
	1.0	209.5	4.97	219.9	4.97	225.9	4.97	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	194.1	7.03	208.7	7.03	217.2	7.03	224.7	7.03	230.3	7.03	235.1	7.32	238.1	7.73	240.8	8.5	242.3	9.57
	2.0	179.4	9.08	198.2	9.08	209	9.08	218.5	9.08	225.7	9.08	231.9	9.37	235.6	9.78	239.1	10.55	241.1	11.62
	2.5	165.3	11.14	188	11.14	201	11.14	212.6	11.14	221.3	11.14	228.7	11.43	233.3	11.84	237.4	12.61	239.8	13.68
	3.0			178.1	13.2	193.3	13.2	206.8	13.2	217	13.2	225.6	13.49	231	13.9	235.8	14.67	238.6	15.74
	3.5			168.4	15.26	185.8	15.26	201.2	15.26	212.8	15.26	222.6	15.55	228.7	15.96	234.2	16.73	237.4	17.8
	4.0					178.4	17.32	195.7	17.32	208.7	17.32	219.7	17.61	226.5	18.02	232.7	18.79	236.3	19.86
280-46	0.5	259.2	3.18	265	3.18	268.3	3.18	271.2	3.18	273.5	3.18	275.3	3.47	276.5	3.88	277.6	4.65	278.2	5.72
	1.0	242.5	5.52	252.9	5.52	258.9	5.52	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	227.1	7.85	241.7	7.85	250.2	7.85	257.7	7.85	263.3	7.85	268.1	8.14	271.1	8.55	273.8	9.32	275.3	10.39
	2.0	212.4	10.18	231.2	10.18	242	10.18	251.5	10.18	258.7	10.18	264.9	10.47	268.6	10.88	272.1	11.65	274.1	12.72
	2.5	198.3	12.52	221	12.52	234	12.52	245.6	12.52	254.3	12.52	261.7	12.81	266.3	13.22	270.4	13.99	272.8	15.06
	3.0			211.1	14.85	226.3	14.85	239.8	14.85	250	14.85	258.6	15.14	264	15.55	268.8	16.32	271.6	17.39
	3.5					218.8	17.18	234.2	17.18	245.8	17.18	255.6	17.47	261.7	17.88	267.2	18.65	270.4	19.72
	4.0							228.7	19.52	241.7	19.52	252.7	19.81	259.5	20.22	265.7	20.99	269.3	22.06
280-54	0.5	339.7	3.96	348.9	3.96	354.3	3.96	359	3.96	362.5	3.96	365.6	4.25	367.4	4.66	369.1	5.43	370.1	6.5
	1.0	313	7.07	329.6	7.07	339.3	7.07	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	288.3	10.18	311.7	10.18	325.4	10.18	337.3	10.18	346.3	10.18	354.1	10.47	358.7	10.88	363.1	11.65	365.5	12.72
	2.0			294.8	13.28	312.3</													



SN type three-spindle screw pump

转速 $n=1450\text{r/min}$

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
size	(MPa)																		
440-40	0.5	324.7	4.13	330.6	4.13	334	4.13	337	4.13	339.3	4.13	341.2	4.57	342.4	5.12	343.5	6.27	344.1	7.88
	1.0	307.6	7.02	318.3	7.02	324.4	7.02	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	291.8	9.9	306.9	9.9	315.5	9.9	323.1	9.9	328.9	9.9	333.9	10.34	336.8	10.89	339.6	12.04	341.2	13.65
	2.0	276.8	12.78	296.1	12.78	307.1	12.78	316.8	12.78	324.2	12.78	330.5	13.22	334.3	13.77	337.9	14.92	339.9	16.53
	2.5	262.3	15.67	285.6	15.67	298.9	15.67	310.7	15.67	319.6	15.67	327.3	16.11	331.8	16.66	336.2	17.81	338.6	19.42
	3.0	248.3	18.55	275.5	18.55	291	18.55	304.8	18.55	315.2	18.55	324.1	18.99	329.5	19.54	334.6	20.69	337.3	22.3
	3.5			265.7	21.43	283.4	21.43	299	21.43	310.9	21.43	321.1	21.87	327.1	22.42	332.9	23.57	336.1	25.18
	4.0					275.8	24.32	293.4	24.32	306.7	24.32	318.1	24.76	324.9	25.31	331.4	26.46	335	28.07
440-46	0.5	412.9	4.93	421	4.93	425.6	4.93	429.7	4.93	432.8	4.93	435.5	5.37	437.1	5.92	438.6	7.07	439.4	8.68
	1.0	389.5	8.62	404.1	8.62	412.5	8.62	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	367.9	12.3	388.5	12.3	400.4	12.3	410.8	12.3	418.6	12.3	425.5	12.74	429.4	13.29	433.4	14.44	435.5	16.05
	2.0	347.4	15.98	373.7	15.98	388.8	15.98	402.2	15.98	412.1	15.98	420.9	16.42	426	16.97	431	18.12	433.7	19.73
	2.5	327.6	19.67	359.4	19.67	377.7	19.67	393.8	19.67	405.8	19.67	416.5	20.11	422.6	20.66	428.7	21.81	432	23.42
	3.0			345.6	23.35	366.9	23.35	385.8	23.35	399.8	23.35	412.2	23.79	419.4	24.34	426.5	25.49	430.3	27.1
	3.5					356.4	27.03	377.9	27.03	393.9	27.03	408.1	27.47	416.2	28.02	424.3	29.17	428.7	30.78
	4.0							370.2	30.72	388.1	30.72	404	31.16	413.1	31.71	422.2	32.86	427.1	34.47
440-52	0.5	473.5	5.58	486.3	5.58	493.8	5.58	500.4	5.58	505.3	5.58	509.6	6.02	512.1	6.57	514.6	7.72	515.9	9.33
	1.0	436.1	9.92	459.3	9.92	472.8	9.92	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	401.6	14.25	434.3	14.25	453.4	14.25	470	14.25	482.6	14.25	493.6	14.69	500	15.24	506.2	16.39	509.6	18
	2.0	368.8	18.58	410.6	18.58	434.9	18.58	456.2	18.58	472.2	18.58	486.3	19.02	494.4	19.57	502.3	20.72	506.7	22.33
	2.5			387.7	22.92	417.2	22.92	442.9	22.92	462.3	22.92	479.3	23.36	489.1	23.91	498.6	25.06	503.9	26.67
	3.0					399.9	27.25	429.9	27.25	452.6	27.25	472.4	27.69	483.9	28.24	495.1	29.39	501.2	31
	3.5							417.3	31.58	443.1	31.58	465.8	32.02	478.8	32.57	491.6	33.72	498.5	35.33
	4.0									433.9	35.92	459.2	36.36	473.9	36.91	488.2	38.06	496	39.67
440-54	0.5	533.5	6.08	546.3	6.08	553.8	6.08	560.4	6.08	565.3	6.08	569.6	6.52	572.1	7.07	574.6	8.22	575.9	9.83
	1.0	496.1	10.92	519.3	10.92	532.8	10.92	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	461.6	15.75	494.3	15.75	513.4	15.75	530	15.75	542.6	15.75	553.6	16.19	560	16.74	566.2	17.89	569.6	19.5
	2.0			470.6	20.58	494.9	20.58	516.2	20.58	532.2	20.58	546.3	21.02	554.4	21.57	562.3	22.72	566.7	24.33
	2.5					477.2	25.42	502.9	25.42	522.3	25.42	539.3	25.86	549.1	26.41	558.6	27.56	563.9	29.17
	3.0							489.9	30.25	512.6	30.25	532.4	30.69	543.9	31.24	555.1	32.39	561.2	34
	3.5							477.3	35.08	503.1	35.08	525.8	35.52	538.8	36.07	551.6	37.22	558.5	38.83
	4.0									493.9	39.92	519.2	40.36	533.9	40.91	548.2	42.06	556	43.67
660-40	0.5	509.5	6.28	517.4	6.28	522	6.28	526	6.28	529	6.28	531.6	6.91	533.2	7.68	534.7	9.41	535.5	11.69
	1.0	486.7	10.77	500.9	10.77	509.1	10.77	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	465.6	15.25	485.6	15.25	497.2	15.25	507.5	15.25	515.1	15.25	521.8	15.88	525.7	16.65	529.5	18.38	531.6	20.66
	2.0	445.5	19.73	471.1	19.73	485.9	19.73	499.1	19.73	508.8	19.73	517.3	20.36	522.3	21.13	527.2	22.86	529.9	25.14
	2.5	426.2	24.22	457.2	24.22	475	24.22	490.9	24.22	502.7	24.22	512.9	24.85	519	25.62	524.9	27.35	528.2	29.63
	3.0			443.6	28.7	464.5	28.7	483	28.7	496.8	28.7	508.7	29.33	515.9	30.1	522.7	31.83	526.6	34.11
	3.5			430.4	33.18	454.2	33.18	475.4	33.18	491	33.18	504.6	33.81	512.8	34.58	520.6	36.31	524.9	38.59
	4.0					444.1	37.67	467.8	37.67	485.4	37.67	500.6	38.3	509.7	39.07	518.5	40.8	523.4	43.08
660-44	0.5	571.1	6.88	581.9	6.88	588.1	6.88	593.6	6.88	597.7	6.88	601.3	7.51	603.4	8.28	605.5	10.01	606.6	12.29
	1.0	539.8	11.97	559.3	11.97	570.5	11.97	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	510.9	17.05	538.4	17.05	554.2	17.05	568.2	17.05	578.8	17.05	587.8	17.68	593.2	18.45	598.4	20.18	601.2	22.46
	2.0	483.5	22.13	518.6	22.13	538.8	22.13	556.6	22.13	570.2	22.13	581.7	22.76	588.6	23.53	595.2	25.26	598.8	27.54
	2.5			499.5	27.22	523.9	27.22	545.5	27.22	561.8	27.22	575.8	27.85	584.1	28.62	592.1	30.35	596.5	32.63
	3.0			481	32.3	509.5	32.3	534.7	32.3	553.8	32.3	570.1	32.93	579.7	33.7	589.1	35.43	594.2	37.71
	3.5					495.4	37.38	524.1	37.38	545.9	37.38	564.5	38.01	575.5	38.78	586.2	40.51	592	42.79
	4.0							513.8	42.47	538.2	42.47	559	43.1	571.3	43.87	583.4	45.6	589.9	47.88
660-46	0.5	621.1	7.3	631.9	7.3	638.1	7.3	643.6	7.3	647.7	7.3	651.3	7.93	653.4	8.7	655.5	10.43	656.6	12.71
	1.0	589.8	12.8	609.3	12.8	620.5	12.8	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	560.9	18.3	588.4	18.3	604.2	18.3	618.2	18.3	628.8	18.3	637.8	18.93	643.2	19.7	648.4	21.43	651.2	23.71
	2.0	533.5	23.8	568.6	23.8	588.8	23.8	606.6	23.8	620.2	23.8	631.7	24.43	638.6	25.2	645.2	26.93	648.8	29.21
	2.5			549.5	29.3	573.9	29.3	595.5	29.3	611.8	29.3	625.8	29.93	634.1	30.7	642.1	32.43	646.5	34.71
	3.0					559.5	34.8	584.7	34.8	603.8	34.8	620.1	35.43	629.7	36.2	639.1	37.93	644.2	40.21
	3.5					545.4	40.3	574.1	40.3	595.9	40.3	614.5	40.93	625.5	41.7	636.2	43.43	642	45.71
	4.0							563.8	45.8	588.2	45.8	609	46.43	621.3	47.2	633.4	48.93	639.9	51.21
660-51	0.5	721.9	8.33	739	8.33	748.9	8.33	757.7	8.33	764.4	8.33	770.1	8.96	773.5	9.73	776.7	11.46	778.5	13.74
	1.0	672	14.87	702.8	14.87	720.8	14.87	736.6	14.87	748.6	14.87	758.9	15.5	765	16.27	770.9	18	774.1	20.28
	1.5																		



SN type three-spindle screw pump

转速 $n=1450\text{r/min}$

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
660-54	0.5	828.9	9.23	846	9.23	855.9	9.23	864.7	9.23	871.4	9.23	877.1	9.86	880.5	10.63	883.7	12.36	885.5	14.64
	1.0	779	16.65	809.8	16.65	827.8	16.65	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	732.9	24.08	776.4	24.08	801.8	24.08	824.1	24.08	841	24.08	855.6	24.71	864.2	25.48	872.5	27.21	877	29.49
	2.0			744.6	31.5	777.1	31.5	805.6	31.5	827.2	31.5	845.8	32.13	856.8	32.9	867.4	34.63	873.2	36.91
	2.5					753.3	38.93	787.7	38.93	813.9	38.93	836.3	39.56	849.6	40.33	862.5	42.06	869.4	44.34
	3.0							770.4	46.35	800.9	46.35	827.1	46.98	842.7	47.75	857.7	49.48	865.8	51.76
	3.5									788.3	53.78	818.2	54.41	835.9	55.18	853	56.91	862.3	59.19
	4.0											809.4	61.83	829.3	62.6	848.4	64.33	858.8	66.61
940-42	0.5	732.7	9.11	746.6	9.11	754.7	9.11	761.8	9.11	767.1	9.11	771.8	9.99	774.5	11.02	777.1	13.45	778.6	16.53
	1.0	692.3	15.63	717.4	15.63	732	15.63	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	655	22.16	690.4	22.16	711	22.16	728.9	22.16	742.6	22.16	754.5	23.04	761.4	24.07	768	26.5	771.7	29.58
	2.0	619.5	28.68	664.8	28.68	691.1	28.68	714	28.68	731.4	28.68	746.6	29.56	755.4	30.59	763.9	33.02	768.6	36.1
	2.5	585.4	35.21	640.1	35.21	671.9	35.21	699.5	35.21	720.7	35.21	739	36.09	749.7	37.12	759.9	39.55	765.6	42.63
	3.0			616.1	41.73	653.2	41.73	685.6	41.73	710.2	41.73	731.6	42.61	744.1	43.64	756	46.07	762.6	49.15
	3.5					635.1	48.26	671.9	48.26	700	48.26	724.4	49.14	738.6	50.17	752.3	52.6	759.8	55.68
	4.0					617.3	54.78	658.6	54.78	690.1	54.78	717.4	55.66	733.3	56.69	748.6	59.12	757	62.2
940-46	0.5	889.7	10.41	903.6	10.41	911.7	10.41	918.8	10.41	924.1	10.41	928.8	11.29	931.5	12.32	934.1	14.75	935.6	17.83
	1.0	849.3	18.25	874.4	18.25	889	18.25	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	812	26.08	847.4	26.08	868	26.08	885.9	26.08	899.6	26.08	911.5	26.96	918.4	27.99	925	30.42	928.7	33.5
	2.0	776.5	33.91	821.8	33.91	848.1	33.91	871	33.91	888.4	33.91	903.6	34.79	912.4	35.82	920.9	38.25	925.6	41.33
	2.5			797.1	41.75	828.9	41.75	856.5	41.75	877.7	41.75	896	42.63	906.7	43.66	916.9	46.09	922.6	49.17
	3.0					810.2	49.58	842.6	49.58	867.2	49.58	888.6	50.46	901.1	51.49	913	53.92	919.6	57
	3.5					792.1	57.41	828.9	57.41	857	57.41	881.4	58.29	895.6	59.32	909.3	61.75	916.8	64.83
	4.0							815.6	65.25	847.1	65.25	874.4	66.13	890.3	67.16	905.6	69.59	914	72.67
940-50	0.5	989.6	11.5	1012	11.5	1025	11.5	1036	11.5	1045	11.5	1052	12.38	1056	13.41	1061	15.84	1063	18.92
	1.0	925	20.41	965	20.41	988.3	20.41	1009	20.41	1024	20.41	1038	21.29	1046	22.32	1053	24.75	1057	27.83
	1.5	865.3	29.33	921.8	29.33	954.7	29.33	983.6	29.33	1005	29.33	1024	30.21	1035	31.24	1046	33.67	1052	36.75
	2.0			880.7	38.25	922.7	38.25	959.7	38.25	987.4	38.25	1012	39.13	1026	40.16	1040	42.59	1047	45.67
	2.5					892	47.16	936.6	47.16	970.2	47.16	999.4	48.04	1017	49.07	1033	51.5	1042	54.58
	3.0					862.1	56.08	914.3	56.08	953.5	56.08	987.6	56.96	1008	57.99	1027	60.42	1037	63.5
	3.5							892.5	65	937.2	65	976	65.88	998.9	66.91	1021	69.34	1033	72.42
	4.0									921.2	73.91	964.7	74.79	990.4	75.82	1015	78.25	1028	81.33
940-54	0.5	1170	13	1192	13	1205	13	1216	13	1225	13	1232	13.88	1236	14.91	1241	17.34	1243	20.42
	1.0	1105	23.41	1145	23.41	1168	23.41	1189	23.41	1204	23.41	1218	24.29	1226	25.32	1233	27.75	1237	30.83
	1.5	1045	33.83	1102	33.83	1135	33.83	1164	33.83	1185	33.83	1204	34.71	1215	35.74	1226	38.17	1232	41.25
	2.0			1061	44.25	1103	44.25	1140	44.25	1167	44.25	1192	45.13	1206	46.16	1220	48.59	1227	51.67
	2.5					1072	54.66	1117	54.66	1150	54.66	1179	55.54	1197	56.57	1213	59	1222	62.08
	3.0							1094	65.08	1134	65.08	1168	65.96	1188	66.99	1207	69.42	1217	72.5
	3.5									1117	75.5	1156	76.38	1179	77.41	1201	79.84	1213	82.92
	4.0											1145	86.79	1170	87.82	1195	90.25	1208	93.33
1300-38	0.5	881.7	11.26	894.5	11.26	901.9	11.26	908.5	11.26	913.4	11.26	917.7	12.51	920.2	13.77	922.6	17.3	923.9	21.23
	1.0	844.5	19	867.7	19	881	19	892.8	19	901.7	19	909.4	20.25	913.9	21.51	918.3	25.04	920.6	28.97
	1.5	810.1	26.73	842.9	26.73	861.7	26.73	878.3	26.73	890.9	26.73	901.7	27.98	908.1	29.24	914.3	32.77	917.6	36.7
	2.0	777.5	34.46	819.3	34.46	843.3	34.46	864.6	34.46	880.6	34.46	894.5	35.71	902.6	36.97	910.5	40.5	914.7	44.43
	2.5	746.1	42.2	796.6	42.2	825.6	42.2	851.3	42.2	870.7	42.2	887.5	43.45	897.3	44.71	906.9	48.24	911.9	52.17
	3.0	715.6	49.93	774.6	49.93	808.4	49.93	838.4	49.93	861.1	49.93	880.7	51.18	892.1	52.44	903.3	55.97	909.2	59.9
	3.5			753.1	57.66	791.7	57.66	825.9	57.66	851.7	57.66	874.1	58.91	887.1	60.17	899.9	63.7	906.5	67.63
	4.0					775.3	65.4	813.6	65.4	842.6	65.4	867.6	66.65	882.2	67.91	896.5	71.44	904	75.37
1300-42	0.5	1047	12.78	1064	12.78	1074	12.78	1083	12.78	1090	12.78	1096	14.03	1099	15.29	1103	18.82	1104	22.75
	1.0	996	22.03	1028	22.03	1046	22.03	1062	22.03	1074	22.03	1085	23.28	1091	24.54	1097	28.07	1100	32
	1.5	949.1	31.28	993.6	31.28	1019	31.28	1042	31.28	1059	31.28	1074	32.53	1083	33.79	1091	37.32	1096	41.25
	2.0	904.5	40.53	961.3	40.53	994.3	40.53	1023	40.53	1045	40.53	1064	41.78	1075	43.04	1086	46.57	1092	50.5
	2.5	861.6	49.78	930.2	49.78	970.1	49.78	1005	49.78	1032	49.78	1054	51.03	1068	52.29	1081	55.82	1088	59.75
	3.0			900.1	59.03	946.7	59.03	987.6	59.03	1018	59.03	1045	60.28	1061	61.54	1076	65.07	1084	69
	3.5					923.8	68.28	970.5	68.28	1006	68.28	1036	69.53	1054	70.79	1071	74.32	1081	78.25
	4.0					901.4	77.53	953.7	77.53	993	77.53	1027	78.78	1047	80.04	1067	83.57	1077	87.5
1300-46	0.5	1227	14.28	1244	14.28	1254	14.28	1263	14.28	1270	14.28	1276	15.53	1279	16.79	1283	20.32	1284	24.25
	1.0	1176	25.03	1208	25.03	1226	25.03	1242	25.03	1254	25.03	1265	26.28	1271	27.54	1277	31.07	1280	35
	1.5	1129	35.78	1174	35.78	1199	35.78	1222	35.78	1239	35.78	1254	37.03	1263	38.29	1271	41.82	1276	45.75
	2.0	1085	46.53	1141	46.53	1174	46.53	1203	46.53	1225	46.53	1244	47.78	1255	49.04	12			



SN type three-spindle screw pump

转速 $n=1450\text{r/min}$

规格 size	压力 (MPa)	粘度 Viscosity = mm ² /s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
1300-54	0.5	1615	17.83	1643	17.83	1659	17.83	1675	17.83	1684	17.83	1695	19.08	1699	20.34	1704	23.87	1707	27.8
	1.0	1533	32.13	1584	32.13	1613	32.13	1639	32.13	1658	32.13	1675	33.38	1685	34.64	1695	38.17	1700	42.1
	1.5	1458	46.43	1530	46.43	1571	46.43	1607	46.43	1635	46.43	1658	47.68	1672	48.94	1686	52.47	1693	56.4
	2.0			1478	60.73	1530	60.73	1577	60.73	1612	60.73	1643	61.98	1660	63.24	1678	66.77	1687	70.7
	2.5					1492	75.03	1548	75.03	1591	75.03	1627	76.28	1649	77.54	1670	81.07	1681	85
	3.0							1520	89.33	1570	89.33	1612	90.58	1637	91.84	1662	95.37	1675	99.3
	3.5									1549	103.6	1598	104.9	1626	106.1	1654	109.7	1669	113.6
	4.0											1583	119.2	1616	120.4	1647	124	1664	127.9
1700-42	0.5	1407	17.16	1428	17.16	1441	17.16	1452	17.16	1468	17.16	1468	18.64	1472	20.18	1476	24.88	1478	30.08
	1.0	1344	29.53	1383	29.53	1406	29.53	1426	29.53	1441	29.53	1454	31.01	1461	32.55	1469	37.25	1473	42.45
	1.5	1286	41.91	1341	41.91	1374	41.91	1401	41.91	1423	41.91	1441	43.39	1451	44.93	1462	49.63	1468	54.83
	2.0	1231	54.28	1301	54.28	1343	54.28	1378	54.28	1405	54.28	1428	55.76	1442	57.3	1455	62	1463	67.2
	2.5	1178	66.66	1263	66.66	1313	66.66	1356	66.66	1389	66.66	1417	68.14	1433	69.68	1449	74.38	1458	79.58
	3.0			1226	79.03	1284	79.03	1334	79.03	1372	79.03	1405	80.51	1424	82.05	1443	86.75	1454	91.95
	3.5					1256	91.41	1315	91.41	1351	91.41	1394	92.89	1416	94.43	1437	99.13	1449	104.33
	4.0					1228	103.8	1292	103.8	1341	103.8	1383	105.3	1408	106.8	1432	111.5	1445	116.7
1700-46	0.5	1642	19.11	1663	19.11	1676	19.11	1687	19.11	1695	19.11	1703	20.59	1707	22.13	1711	26.83	1713	32.03
	1.0	1579	33.45	1618	33.45	1641	33.45	1661	33.45	1676	33.45	1689	34.93	1696	36.47	1704	41.17	1708	46.37
	1.5	1521	47.78	1576	47.78	1609	47.78	1636	47.78	1658	47.78	1676	49.26	1686	50.8	1697	55.5	1703	60.7
	2.0	1466	62.11	1536	62.11	1578	62.11	1613	62.11	1640	62.11	1663	63.59	1677	65.13	1690	69.83	1698	75.03
	2.5			1498	76.45	1548	76.45	1591	76.45	1624	76.45	1652	77.93	1668	79.47	1684	84.17	1693	89.37
	3.0					1519	90.78	1569	90.78	1607	90.78	1640	92.26	1659	93.8	1678	98.5	1689	103.7
	3.5					1491	105.1	1548	105.1	1592	105.1	1629	106.6	1651	108.1	1672	112.8	1684	118.03
	4.0							1527	119.5	1576	119.5	1618	120.9	1643	122.5	1667	127.2	1680	132.37
2200-42	0.5	1838	22.43	1864	22.43	1879	22.43	1892	22.43	1902	22.43	1911	24.2	1916	26.04	1921	31.6	1924	38.2
	1.0	1762	38.53	1809	38.53	1836	38.53	1860	38.53	1878	38.53	1894	40.3	1903	42.14	1912	47.7	1917	54.3
	1.5	1692	54.63	1758	54.63	1797	54.63	1831	54.63	1856	54.63	1879	56.4	1892	58.24	1904	63.8	1911	70.4
	2.0	1626	70.73	1710	70.73	1760	70.73	1803	70.73	1835	70.73	1864	72.5	1880	74.34	1896	79.9	1905	86.5
	2.5	1562	86.83	1664	86.83	1724	86.83	1776	86.83	1815	86.83	1849	88.6	1870	90.44	1889	96	1899	102.6
	3.0			1619	102.9	1689	102.9	1750	102.9	1796	102.9	1836	104.7	1859	106.5	1882	112.1	1894	118.7
	3.5					1655	119	1724	119	1777	119	1822	120.8	1849	122.6	1875	128.2	1889	134.8
	4.0					1621	135.1	1699	135.1	1758	135.1	1809	136.9	1839	138.7	1868	144.3	1883	150.9
2200-46	0.5	2136	24.91	2162	24.91	2177	24.91	2190	24.91	2200	24.91	2209	26.68	2214	28.52	2219	34.08	2222	40.68
	1.0	2060	43.5	2107	43.5	2134	43.5	2158	43.5	2176	43.5	2192	45.27	2201	47.11	2210	52.67	2215	59.27
	1.5	1990	62.08	2056	62.08	2095	62.08	2129	62.08	2154	62.08	2177	63.85	2190	65.69	2202	71.25	2209	77.85
	2.0	1924	80.66	2008	80.66	2058	80.66	2101	80.66	2133	80.66	2162	82.43	2178	84.27	2194	89.83	2203	96.43
	2.5			1962	99.25	2022	99.25	2074	99.25	2113	99.25	2147	101	2168	102.9	2187	108.4	2197	115.02
	3.0					1987	117.8	2048	117.8	2094	117.8	2134	119.6	2157	121.4	2180	127	2192	133.6
	3.5					1953	136.4	2022	136.4	2075	136.4	2120	138.2	2147	140	2173	145.6	2187	152.18
	4.0							1997	155	2056	155	2107	156.8	2137	158.6	2166	164.2	2181	170.77
2900-40	0.5	2728	33.4	2765	33.4	2786	33.4	2805	33.4	2818	33.4	2831	35.93	2838	38.93	2845	48.13	2848	56.93
	1.0	2622	57.24	2688	57.24	2726	57.24	2760	57.24	2785	57.24	2807	59.77	2820	62.77	2832	71.97	2839	80.77
	1.5	2524	81.07	2617	81.07	2671	81.07	2719	81.07	2754	81.07	2785	83.6	2803	86.6	2821	95.8	2830	104.6
	2.0	2431	104.9	2550	104.9	2619	104.9	2680	104.9	2725	104.9	2765	107.4	2788	110.4	2810	119.6	2822	128.43
	2.5			2485	128.7	2568	128.7	2642	128.7	2697	128.7	2745	131.3	2772	134.3	2800	143.5	2814	152.27
	3.0					2519	152.6	2606	152.6	2669	152.6	2725	155.1	2758	158.1	2790	167.3	2807	176.1
	3.5							2570	176.4	2643	176.4	2706	178.9	2743	181.9	2780	191.1	2799	199.93
	4.0									2616	200.2	2688	202.8	2729	205.8	2770	215	2792	223.77
3600-46	0.5	3428	39.24	3465	39.24	3486	39.24	3505	39.24	3518	39.24	3531	41.77	3538	44.77	3545	53.97	3548	62.77
	1.0	3322	68.9	3388	68.9	3426	68.9	3460	68.9	3485	68.9	3507	71.43	3520	74.43	3532	83.63	3539	92.43
	1.5	3224	98.57	3317	98.57	3371	98.57	3419	98.57	3454	98.57	3485	101.1	3503	104.1	3521	113.3	3530	122.1
	2.0			3250	128.2	3319	128.2	3380	128.2	3425	128.2	3465	130.8	3488	133.8	3510	143	3522	151.77
	2.5					3268	157.9	3342	157.9	3397	157.9	3445	160.4	3472	163.4	3500	172.6	3514	181.43
	3.0							3306	187.6	3369	187.6	3425	190.1	3458	193.1	3490	202.3	3507	211.1
	3.5									3343	217.2	3406	219.8	3443	222.8	3480	232	3499	240.77
	4.0									3316	246.9	3388	249.4	3429	252.4	3470	261.6	3492	270.43
5300-46	0.5	5169	62.2	5217	62.2	5246	62.2	5271	62.2	5290	62.2	5306	67.3	5315	72.5	5324	90.1	5329	107
	1.0	5027	107	5115	107	5166	107	5211	107	5245	107	5274	112	5291	117	5308	135	5317	152
	1.5	4896	151	5020	151	5092	151	5156	151	5204	151	5245	156	5269	162	5293	179	5305	196
	2.0			4930	196	5022	196	5103	196	5165	196	5217	201	5248	206	5278	224	5294	241
	2.5					4955	240	5053	240	5127	240	5190	246	5228	251	5264	268	5284	285
	3.0							5044	285	5091	285	5164	290	5208	295	5251	313	5274	330
	3.5									5055	329	5139	335	5189	340	5237	357	5263	374
	4.0									5020	374	5114	379	5170	384	5224	402	5254	419

——注：性能表中，兰色区为不推荐区——



SN type three-spindle screw pump

转速 n=2900r/min

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
size	(MPa)																		
40-38	0.5	59.1	1.13	60.2	1.13	60.8	1.13	61.4	1.13	61.8	1.13	62.1	1.41	62.3	1.81	62.6	2.29	62.7	3.17
	1.0	56	1.65	58	1.65	59.1	1.65	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	53.1	2.18	55.9	2.18	57.5	2.18	58.9	2.18	59.9	2.18	60.7	2.46	61.3	2.86	61.9	3.34	62.2	4.22
	2.0	50.4	2.7	54	2.7	56	2.7	57.8	2.7	59	2.7	60.1	2.98	60.8	3.38	61.6	3.86	61.9	4.74
	2.5	47.7	3.23	52.1	3.23	54.5	3.23	56.7	3.23	58.2	3.23	59.5	3.51	60.4	3.91	61.3	4.39	61.7	5.27
	3.0	45.2	3.75	50.3	3.75	53.1	3.75	55.6	3.75	57.4	3.75	58.9	4.03	59.9	4.43	61	4.91	61.5	5.79
	3.5	42.7	4.28	48.5	4.28	51.7	4.28	54.6	4.28	56.6	4.28	58.4	4.56	59.5	4.96	60.7	5.44	61.3	6.32
	4.0	40.3	4.8	46.8	4.8	50.3	4.8	53.6	4.8	55.9	4.8	57.8	5.08	59.1	5.48	60.4	5.96	61.1	6.84
40-46	0.5	78.7	1.3	80.2	1.3	81	1.3	81.8	1.3	82.3	1.3	82.8	1.58	83.1	1.98	83.4	2.46	83.6	3.34
	1.0	74.5	2	77.1	2	78.6	2	80	2	81	2	81.9	2.28	82.4	2.68	82.9	3.16	83.2	4.04
	1.5	70.6	2.7	74.3	2.7	76.4	2.7	78.4	2.7	79.8	2.7	81	2.98	81.7	3.38	82.4	3.86	82.9	4.74
	2.0	66.9	3.4	71.6	3.4	74.3	3.4	76.8	3.4	78.6	3.4	80.2	3.68	81.1	4.08	82	4.56	82.6	5.44
	2.5	63.3	4.1	69	4.1	72.2	4.1	75.3	4.1	77.5	4.1	79.4	4.38	80.5	4.78	81.6	5.26	82.3	6.14
	3.0	59.8	4.8	66.4	4.8	70.3	4.8	73.8	4.8	76.4	4.8	78.7	5.08	79.9	5.48	81.2	5.96	82	6.84
	3.5	56.4	5.5	64	5.5	68.3	5.5	72.4	5.5	75.3	5.5	77.9	5.78	79.4	6.18	80.8	6.66	81.7	7.54
	4.0			61.6	6.2	66.5	6.2	71	6.2	74.3	6.2	77.2	6.48	78.8	6.88	80.4	7.36	81.4	8.24
40-54	0.5	104.4	1.54	106.7	1.54	108	1.54	109.2	1.54	110.1	1.54	110.9	1.82	111.4	2.22	111.8	2.7	112.1	3.58
	1.0	97.6	2.48	101.8	2.48	104.2	2.48	106.4	2.48	108	2.48	109.4	2.76	110.2	3.16	111	3.64	111.5	4.52
	1.5	91.3	3.42	97.3	3.42	100.7	3.42	103.8	3.42	106	3.42	108	3.7	109.1	4.1	110.3	4.58	111	5.46
	2.0	85.4	4.36	93	4.36	97.3	4.36	101.3	4.36	104.1	4.36	106.7	4.64	108.1	5.04	109.6	5.52	110.5	6.4
	2.5	79.7	5.3	88.8	5.3	94.1	5.3	98.9	5.3	102.3	5.3	105.4	5.58	107.1	5.98	108.9	6.46	110	7.34
	3.0			84.8	6.24	90.9	6.24	96.5	6.24	100.6	6.24	104.1	6.52	106.2	6.92	108.2	7.4	109.5	8.28
	3.5					87.9	7.18	94.2	7.18	98.9	7.18	102.9	7.46	105.3	7.86	107.6	8.34	109	9.22
	4.0					84.9	8.12	92	8.12	97.2	8.12	101.8	8.4	104.4	8.8	107	9.28	108.6	10.16
80-36	0.5	108.7	1.8	110.5	1.8	111.4	1.8	112.3	1.8	113	1.8	113.6	2.16	113.9	2.68	114.3	3.36	114.4	4.48
	1.0	103.7	2.76	106.8	2.76	108.6	2.76	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	99.1	3.72	103.4	3.72	106	3.72	108.2	3.72	109.9	3.72	111.5	4.08	112.3	4.6	113.2	5.28	113.6	6.4
	2.0	94.6	4.67	100.2	4.67	103.5	4.67	106.3	4.67	108.5	4.67	110.5	5.03	111.6	5.55	112.7	6.23	113.2	7.35
	2.5	90.4	5.63	97.1	5.63	101.1	5.63	104.5	5.63	107.2	5.63	109.6	5.99	110.9	6.51	112.2	7.19	112.8	8.31
	3.0	74.1	6.24	84.8	6.24	90.9	6.24	96.5	6.24	100.6	6.24	104.1	6.52	106.2	6.92	108.2	7.4	109.5	8.28
	3.5	68.7	7.18	80.9	7.18	87.9	7.18	94.2	7.18	98.9	7.18	102.9	7.46	105.3	7.86	107.6	8.34	109	9.22
	4.0	63.4	8.12	77.1	8.12	84.9	8.12	92	8.12	97.2	8.12	101.8	8.4	104.4	8.8	107	9.28	108.6	10.16
80-42	0.5	131.4	2.01	133.8	2.01	135.2	2.01	136.4	2.01	137.3	2.01	138.1	2.37	138.6	2.89	139	3.57	139.2	4.69
	1.0	124.5	3.17	128.8	3.17	131.3	3.17	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	118.1	4.34	124.2	4.34	127.7	4.34	130.8	4.34	133.1	4.34	135.1	4.7	136.3	5.22	137.5	5.9	138	7.02
	2.0	112.1	5.51	119.8	5.51	124.3	5.51	128.3	5.51	131.2	5.51	133.7	5.87	135.3	6.39	136.8	7.07	137.5	8.19
	2.5	106.2	6.67	115.6	6.67	121	6.67	125.8	6.67	129.3	6.67	132.4	7.03	134.3	7.55	136.1	8.23	136.9	9.35
	3.0	100.6	7.84	111.5	7.84	117.9	7.84	123.5	7.84	127.5	7.84	131.1	8.2	133.4	8.72	135.4	9.4	136.4	10.52
	3.5	95	9.01	107.5	9.01	114.8	9.01	121.1	9.01	125.8	9.01	129.8	9.37	132.5	9.89	134.8	10.57	135.9	11.69
	4.0	89.6	10.17	103.6	10.17	111.7	10.17	118.9	10.17	124.1	10.17	128.6	10.53	131.6	11.05	134.2	11.73	135.5	12.85
80-46	0.5	155.4	2.21	157.8	2.21	159.2	2.21	160.4	2.21	161.3	2.21	162.1	2.57	162.6	3.09	163	3.77	163.2	4.89
	1.0	148.5	3.57	152.8	3.57	155.3	3.57	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	142.1	4.94	148.2	4.94	151.7	4.94	154.8	4.94	157.1	4.94	159.1	5.3	160.3	5.82	161.5	6.5	162	7.62
	2.0	136.1	6.31	143.8	6.31	148.3	6.31	152.3	6.31	155.2	6.31	157.7	6.67	159.3	7.19	160.8	7.87	161.5	8.99
	2.5	130.2	7.67	139.6	7.67	145	7.67	149.8	7.67	153.3	7.67	156.4	8.03	158.3	8.55	160.1	9.23	160.9	10.35
	3.0	124.6	9.04	135.5	9.04	141.9	9.04	147.5	9.04	151.5	9.04	155.1	9.4	157.4	9.92	159.4	10.6	160.4	11.72
	3.5	119	10.41	131.5	10.41	138.8	10.41	145.1	10.41	149.8	10.41	153.8	10.77	156.5	11.29	158.8	11.97	159.9	13.09
	4.0			127.6	11.77	135.7	11.77	142.9	11.77	148.1	11.77	152.6	12.13	155.6	12.65	158.2	13.33	159.5	14.45
80-54	0.5	202.2	2.64	206.1	2.64	208.3	2.64	210.2	2.64	211.7	2.64	212.9	3	213.7	3.52	214.4	4.2	214.8	5.32
	1.0	191.2	4.44	198.1	4.44	202.1	4.44	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	181	6.24	190.7	6.24	196.4	6.24	201.3	6.24	205	6.24	208.2	6.6	210.1	7.12	211.9	7.8	212.9	8.92
	2.0	171.3	8.04	183.7	8.04	190.9	8.04	197.3	8.04	201.9	8.04	206.1	8.4	208.4	8.92	210.8	9.6	212	10.72
	2.5	162	9.84	177	9.84	185.7	9.84	193.3	9.84	199	9.84	204	10.2	206.8	10.72	209.7	11.4	211.2	12.52
	3.0			170.5	11.64	180.6	11.64	189.5	11.64	196.2	11.64	202	12	205.3	12.52	208.6	13.2	210.4	14.32
	3.5					175.7	13.44	185.8	13.44	193.4	13.44	200	13.8	203.8	14.32	207.6	15	209.6	16.12
	4.0					170.8	15.24	182.2	15.24	190.7	15.24	198.1	15.6	202.4	16.12	206.6	16.8	208.9	17.92
120-42	0.5	188.9	3.11	192	3.11	193.7	3.11	195.3	3.11	196.5	3.11	197.5	3.63	198.1	4.39	198.7	5.51	199	7.43
	1.0	180	4.77	185.5	4.77	188.7	4.77	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	171.8	6.44	179.5	6.44	184.1	6.44	188.1	6.44	191.1	6.44	193.6	6.96	195.2	7.72	196.8			



SN type three-spindle screw pump

转速 $n=2900\text{r/min}$

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
size	(MPa)																		
120-46	0.5	224.9	3.41	228	3.41	229.7	3.41	231.3	3.41	232.5	3.41	233.5	3.93	234.1	4.69	234.7	5.81	235	7.73
	1.0	216	5.37	221.5	5.37	224.7	5.37	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	207.8	7.34	215.5	7.34	220.1	7.34	224.1	7.34	227.1	7.34	229.6	7.86	231.2	8.62	232.8	9.74	233.5	11.66
	2.0	199.9	9.31	209.9	9.31	215.6	9.31	220.9	9.31	224.6	9.31	227.9	9.83	229.9	10.59	231.9	11.71	232.8	13.63
	2.5	192.4	11.27	204.4	11.27	211.4	11.27	217.7	11.27	222.3	11.27	226.2	11.79	228.6	12.55	231	13.67	232.1	15.59
	3.0	185.1	13.24	199.1	13.24	207.3	13.24	214.6	13.24	220	13.24	224.6	13.76	227.3	14.52	230.1	15.64	231.4	17.56
	3.5	178	15.21	193.9	15.21	203.2	15.21	211.6	15.21	217.7	15.21	222.9	15.73	226.1	16.49	229.3	17.61	230.8	19.53
	4.0			188.9	17.17	199.3	17.17	208.7	17.17	215.5	17.17	221.4	17.69	225	18.45	228.5	19.57	230.2	21.49
120-54	0.5	296.2	4.06	301.1	4.06	304	4.06	306.5	4.06	308.4	4.06	310.1	4.58	311	5.34	311.9	6.46	312.4	8.38
	1.0	282	6.67	290.8	6.67	296	6.67	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	268.8	9.29	281.3	9.29	288.6	9.29	294.9	9.29	299.7	9.29	304	9.81	306.4	10.57	308.8	11.69	310	13.61
	2.0	256.3	11.91	272.2	11.91	281.6	11.91	289.7	11.91	295.8	11.91	301.2	12.43	304.3	13.19	307.3	14.31	309	16.23
	2.5	244.3	14.52	263.4	14.52	274.8	14.52	284.6	14.52	292	14.52	298.5	15.04	302.2	15.8	305.9	16.92	307.9	18.84
	3.0			255	17.14	268.2	17.14	279.7	17.14	288.3	17.14	295.9	17.66	300.3	18.42	304.6	19.54	306.9	21.46
	3.5					261.8	19.76	274.8	19.76	284.7	19.76	293.4	20.28	298.3	21.04	303.3	22.16	305.9	24.08
	4.0					255.5	22.37	270.1	22.37	281.2	22.37	290.9	22.89	296.5	23.65	302	24.77	304.9	26.69
210-40	0.5	321.4	5.02	324.9	5.02	326.9	5.02	328.7	5.02	330	5.02	331.2	5.74	331.9	6.9	332.6	8.82	332.9	11.74
	1.0	311.3	7.81	317.6	7.81	321.2	7.81	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	302	10.59	310.9	10.59	315.9	10.59	320.4	10.59	323.8	10.59	326.8	11.31	328.6	12.47	330.3	14.39	331.2	17.31
	2.0	293.1	13.37	304.4	13.37	310.9	13.37	316.7	13.37	321	13.37	324.8	14.09	327.2	15.25	329.3	17.17	330.4	20.09
	2.5	284.5	16.16	298.3	16.16	306.1	16.16	313.1	16.16	318.3	16.16	322.9	16.88	325.7	18.04	328.3	19.96	329.6	22.88
	3.0	276.2	18.94	292.3	18.94	301.4	18.94	309.6	18.94	315.7	18.94	321	19.66	324.3	20.82	327.4	22.74	328.9	25.66
	3.5	268.2	21.72	286.4	21.72	296.9	21.72	306.2	21.72	313.1	21.72	319.2	22.44	323	23.6	326.5	25.52	328.2	28.44
	4.0	260.2	24.51	280.7	24.51	292.4	24.51	302.8	24.51	310.6	24.51	317.4	25.23	321.7	26.39	325.6	28.31	327.5	31.23
210-46	0.5	402.8	5.74	407.6	5.74	410.3	5.74	412.7	5.74	414.6	5.74	416.2	6.46	417.1	7.62	418	9.54	418.5	12.46
	1.0	389	9.24	397.6	9.24	402.6	9.24	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	376.2	12.74	388.4	12.74	395.4	12.74	401.5	12.74	406.2	12.74	410.3	13.46	412.7	14.62	414.9	16.54	416.2	19.46
	2.0	364.1	16.24	379.6	16.24	388.6	16.24	396.4	16.24	402.3	16.24	407.6	16.96	410.6	18.12	413.5	20.04	415.1	22.96
	2.5	352.5	19.74	371.2	19.74	382.1	19.74	391.5	19.74	398.6	19.74	405	20.46	408.7	21.62	412.2	23.54	414.1	26.46
	3.0	341.1	23.24	363	23.24	375.7	23.24	386.7	23.24	395.1	23.24	402.4	23.96	406.8	25.12	410.8	27.04	413.1	29.96
	3.5	330.1	26.74	355	26.74	369.5	26.74	382	26.74	391.6	26.74	400	27.46	404.9	28.62	409.6	30.54	412.2	33.46
	4.0			347.2	30.24	363.5	30.24	377.4	30.24	388.2	30.24	397.6	30.96	403.1	32.12	408.3	34.04	411.2	36.96
210-54	0.5	532.5	6.91	540.1	6.91	544.5	6.91	548.4	6.91	551.3	6.91	553.8	7.63	555.3	8.79	556.8	10.71	557.6	13.63
	1.0	510.4	11.57	524.1	11.57	532.1	11.57	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	490	16.24	509.3	16.24	520.6	16.24	530.5	16.24	537.8	16.24	544.3	16.96	548.1	18.12	551.8	20.04	553.8	22.96
	2.0	470.6	20.91	495.3	20.91	509.7	20.91	522.3	20.91	531.7	20.91	540	21.63	544.9	22.79	549.5	24.71	552.1	27.63
	2.5	451.9	25.57	481.8	25.57	499.2	25.57	514.5	25.57	525.8	25.57	535.8	26.29	541.7	27.45	547.4	29.37	550.4	32.29
	3.0			468.7	30.24	489	30.24	506.8	30.24	520.1	30.24	531.8	30.96	538.6	32.12	545.2	34.04	548.8	36.96
	3.5					479.1	34.91	499.4	34.91	514.5	34.91	527.8	35.63	535.6	36.79	543.2	38.71	547.2	41.63
	4.0					469.4	39.57	492.1	39.57	509	39.57	523.9	40.29	532.7	41.45	541.2	43.37	545.7	46.29
280-43	0.5	473.2	7.52	479	7.52	482.3	7.52	485.2	7.52	487.5	7.52	489.3	8.68	490.5	10.32	491.6	13.4	492.2	17.68
	1.0	456.5	11.63	466.9	11.63	472.9	11.63	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	441.1	15.75	455.7	15.75	464.2	15.75	471.7	15.75	477.3	15.75	482.1	16.91	485.1	18.55	487.8	21.63	489.3	25.91
	2.0	426.4	19.87	445.2	19.87	456	19.87	465.5	19.87	472.7	19.87	478.9	21.03	482.6	22.67	486.1	25.75	488.1	30.03
	2.5	412.3	23.98	435	23.98	448	23.98	459.6	23.98	468.3	23.98	475.7	25.14	480.3	26.78	484.4	29.86	486.8	34.14
	3.0	398.6	28.1	425.1	28.1	440.3	28.1	453.8	28.1	464	28.1	472.6	29.26	478	30.9	482.8	33.98	485.6	38.26
	3.5	385.2	32.22	415.4	32.22	432.8	32.22	448.2	32.22	459.8	32.22	469.6	33.38	475.7	35.02	481.2	38.1	484.4	42.38
	4.0	372.2	36.33	406	36.33	425.4	36.33	442.7	36.33	455.7	36.33	466.7	37.49	473.5	39.13	479.7	42.21	483.3	46.49
280-46	0.5	539.2	8.07	545	8.07	548.3	8.07	551.2	8.07	553.5	8.07	555.3	9.23	556.5	10.87	557.6	13.95	558.2	18.23
	1.0	522.5	12.73	532.9	12.73	538.9	12.73	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	507.1	17.4	521.7	17.4	530.2	17.4	537.7	17.4	543.3	17.4	548.1	18.56	551.1	20.2	553.8	23.28	555.3	27.56
	2.0	492.4	22.07	511.2	22.07	522	22.07	531.5	22.07	538.7	22.07	544.9	23.23	548.6	24.87	552.1	27.95	554.1	32.23
	2.5	478.3	26.73	501	26.73	514	26.73	525.6	26.73	534.3	26.73	541.7	27.89	546.3	29.53	550.4	32.61	552.8	36.89
	3.0	464.6	31.4	491.1	31.4	506.3	31.4	519.8	31.4	530	31.4	538.6	32.56	544	34.2	548.8	37.28	551.6	41.56
	3.5	451.2	36.07	481.4	36.07	498.8	36.07	514.2	36.07	525.8	36.07	535.6	37.23	541.7	38.87	547.2	41.95	550.4	46.23
	4.0			472	40.73	491.4	40.73	508.7	40.73	521.7	4								



SN type three-spindle screw pump

转速 $n=2900\text{r/min}$

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
size	(MPa)																		
440-40	0.5	670.7	10.77	676.6	10.77	680	10.77	683	10.77	685.3	10.77	687.2	12.53	688.4	14.73	689.5	19.33	690.1	25.77
	1.0	653.6	16.53	664.3	16.53	670.4	16.53	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	637.8	22.5	652.9	22.3	661.5	22.3	669.1	22.3	674.9	22.3	679.9	24.06	682.8	26.26	685.6	30.86	687.2	37.5
	2.0	622.8	28.07	642.1	28.07	653.1	28.07	662.8	28.07	670.2	28.07	676.5	29.83	680.3	32.03	683.9	36.63	685.9	43.07
	2.5	608.3	33.83	631.6	33.83	644.9	33.83	656.7	33.83	665.6	33.83	673.3	35.59	677.8	37.79	682.2	42.39	684.6	48.83
	3.0	594.3	39.6	621.5	39.6	637	39.6	650.8	39.6	661.2	39.6	670.1	41.36	675.5	43.56	680.6	48.16	683.3	54.6
	3.5	580.6	45.37	611.7	45.37	629.4	45.37	645	45.37	656.9	45.37	667.1	47.13	673.1	49.33	678.9	53.93	682.1	60.37
	4.0	567.2	51.13	602	51.13	621.8	51.13	639.4	51.13	652.7	51.13	664.1	52.89	670.9	55.09	677.4	59.69	681	66.13
440-46	0.5	854.9	12.37	863	12.37	867.6	12.37	871.7	12.37	874.8	12.37	877.5	14.13	879.1	16.33	880.6	20.93	881.4	27.37
	1.0	831.5	19.73	846.1	19.73	854.5	19.73	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	809.9	27.1	830.5	27.1	842.4	27.1	852.8	27.1	860.6	27.1	867.5	28.86	871.4	31.06	875.4	35.66	877.5	42.1
	2.0	789.4	34.47	815.7	34.47	830.8	34.47	844.2	34.47	854.1	34.47	862.9	36.23	868	38.43	873	43.03	875.7	49.47
	2.5	769.6	41.83	801.4	41.83	819.7	41.83	835.8	41.83	847.8	41.83	858.5	43.59	864.6	45.79	870.7	50.39	874	56.83
	3.0	750.4	49.2	787.6	49.2	808.9	49.2	827.8	49.2	841.8	49.2	854.2	50.96	861.4	53.16	868.5	57.76	872.3	64.2
	3.5	731.7	56.57	774.1	56.57	798.4	56.57	819.9	56.57	835.9	56.57	850.1	58.33	858.2	60.53	866.3	65.13	870.7	71.57
	4.0			760.9	63.93	788.2	63.93	812.2	63.93	830.1	63.93	846	65.69	855.1	67.89	864.2	72.49	869.1	78.93
440-52	0.5	993.5	13.67	1006	13.67	1014	13.67	1020	13.67	1025	13.67	1030	15.43	1032	17.63	1035	22.23	1036	28.67
	1.0	956.1	22.33	979.3	22.33	992.8	22.33	1005	22.33	1014	22.33	1021	24.09	1026	26.29	1030	30.89	1033	37.33
	1.5	921.6	31	954.3	31	973.4	31	990	31	1003	31	1014	32.76	1020	34.96	1026	39.56	1030	46
	2.0	888.8	39.67	930.6	39.67	954.9	39.67	976.2	39.67	992.2	39.67	1006	41.43	1014	43.63	1022	48.23	1027	54.67
	2.5	857.2	48.33	907.7	48.33	937.2	48.33	962.9	48.33	982.3	48.33	999.3	50.09	1009	52.29	1019	56.89	1024	63.33
	3.0			885.6	57	919.9	57	949.9	57	972.6	57	992.4	58.76	1004	60.96	1015	65.56	1021	72
	3.5			863.9	65.67	903.1	65.67	937.3	65.67	963.1	65.67	985.8	67.43	998.8	69.63	1012	74.23	1019	80.67
	4.0					886.6	74.33	925	74.33	953.9	74.33	979.2	76.09	993.9	78.29	1008	82.89	1016	89.33
440-54	0.5	1114	14.67	1126	14.67	1134	14.67	1140	14.67	1145	14.67	1150	16.43	1152	18.63	1155	23.23	1156	29.67
	1.0	1076	24.33	1099	24.33	1113	24.33	1125	24.33	1134	24.33	1141	26.09	1146	28.29	1150	32.89	1153	39.33
	1.5	1042	34	1074	34	1093	34	1110	34	1123	34	1134	35.76	1140	37.96	1146	42.56	1150	49
	2.0	1009	43.67	1051	43.67	1075	43.67	1096	43.67	1112	43.67	1126	45.43	1134	47.63	1142	52.23	1147	58.67
	2.5	977.2	53.33	1028	53.33	1057	53.33	1083	53.33	1102	53.33	1119	55.09	1129	57.29	1139	61.89	1144	68.33
	3.0			1006	63	1040	63	1070	63	1093	63	1112	64.76	1124	66.96	1135	71.56	1141	78
	3.5					1023	72.67	1057	72.67	1083	72.67	1106	74.43	1119	76.63	1132	81.23	1139	87.67
	4.0					1007	82.33	1045	82.33	1074	82.33	1099	84.09	1114	86.29	1128	90.89	1136	97.33
660-40	0.5	1048	16.17	1055	16.17	1060	16.17	1064	16.17	1067	16.17	1070	18.69	1071	21.77	1073	28.69	1074	37.81
	1.0	1025	25.13	1039	25.13	1047	25.13	1054	25.13	1060	25.13	1065	27.65	1067	30.73	1070	37.65	1072	46.77
	1.5	1004	34.1	1024	34.1	1035	34.1	1046	34.1	1053	34.1	1060	36.62	1064	39.7	1068	46.62	1070	55.74
	2.0	983.5	43.07	1009	43.07	1024	43.07	1037	43.07	1047	43.07	1055	45.59	1060	48.67	1065	55.59	1068	64.71
	2.5	964.2	52.03	995.2	52.03	1013	52.03	1029	52.03	1041	52.03	1051	54.55	1057	57.63	1063	64.55	1066	73.67
	3.0	945.5	61	981.6	61	1003	61	1021	61	1035	61	1047	63.52	1054	66.6	1061	73.52	1065	82.64
	3.5	927.2	69.97	968.4	69.97	992.2	69.97	1013	69.97	1029	69.97	1043	72.49	1051	75.57	1059	82.49	1063	91.61
	4.0	909.3	78.93	955.5	78.93	982.1	78.93	1006	78.93	1023	78.93	1039	81.45	1048	84.53	1057	91.45	1061	100.57
660-44	0.5	1181	17.37	1192	17.37	1198	17.37	1204	17.37	1208	17.37	1211	19.89	1213	22.97	1216	29.89	1217	39.01
	1.0	1150	27.53	1169	27.53	1181	27.53	1190	27.53	1198	27.53	1204	30.05	1208	33.13	1212	40.05	1214	49.17
	1.5	1121	37.7	1148	37.7	1164	37.7	1178	37.7	1189	37.7	1198	40.22	1203	43.3	1208	50.22	1211	59.34
	2.0	1094	47.87	1129	47.87	1149	47.87	1167	47.87	1180	47.87	1192	50.39	1199	53.47	1205	60.39	1209	69.51
	2.5	1067	58.03	1110	58.03	1134	58.03	1156	58.03	1172	58.03	1186	60.55	1194	63.63	1202	70.55	1207	79.67
	3.0	1041	68.2	1091	68.2	1120	68.2	1145	68.2	1164	68.2	1180	70.72	1190	73.8	1199	80.72	1204	89.84
	3.5			1073	78.37	1105	78.37	1134	78.37	1156	78.37	1175	80.89	1186	83.97	1196	90.89	1202	100.01
	4.0			1055	88.53	1092	88.53	1124	88.53	1148	88.53	1169	91.05	1181	94.13	1193	101.1	1200	110.17
660-46	0.5	1281	18.2	1292	18.2	1298	18.2	1304	18.2	1308	18.2	1311	20.72	1313	23.8	1316	30.72	1317	39.84
	1.0	1250	29.2	1269	29.2	1281	29.2	1290	29.2	1298	29.2	1304	31.72	1308	34.8	1312	41.72	1314	50.84
	1.5	1221	40.2	1248	40.2	1264	40.2	1278	40.2	1289	40.2	1298	42.72	1303	45.8	1308	52.72	1311	61.84
	2.0	1194	51.2	1229	51.2	1249	51.2	1267	51.2	1280	51.2	1292	53.72	1299	56.8	1305	63.72	1309	72.84
	2.5	1167	62.2	1210	62.2	1234	62.2	1256	62.2	1272	62.2	1286	64.72	1294	67.8	1302	74.72	1307	83.84
	3.0	1141	73.2	1191	73.2	1220	73.2	1245	73.2	1264	73.2	1280	75.72	1290	78.8	1299	85.72	1304	94.84
	3.5			1173	84.2	1205	84.2	1234	84.2	1256	84.2	1275	86.72	1286	89.8	1296	96.72	1302	105.84
	4.0			1155	95.2	1192	95.2	1224	95.2	1248	95.2	1269	97.72	1281	100.8	1293	107.7	1300	116.84
940-42	0.5	1516	23.37	1530	23.37	1538	23.37	1545	23.37	1550	23.37	1555	26.89	1558	31.01	1560	40.73	1562	53.05
	1.0																		



SN type three-spindle screw pump

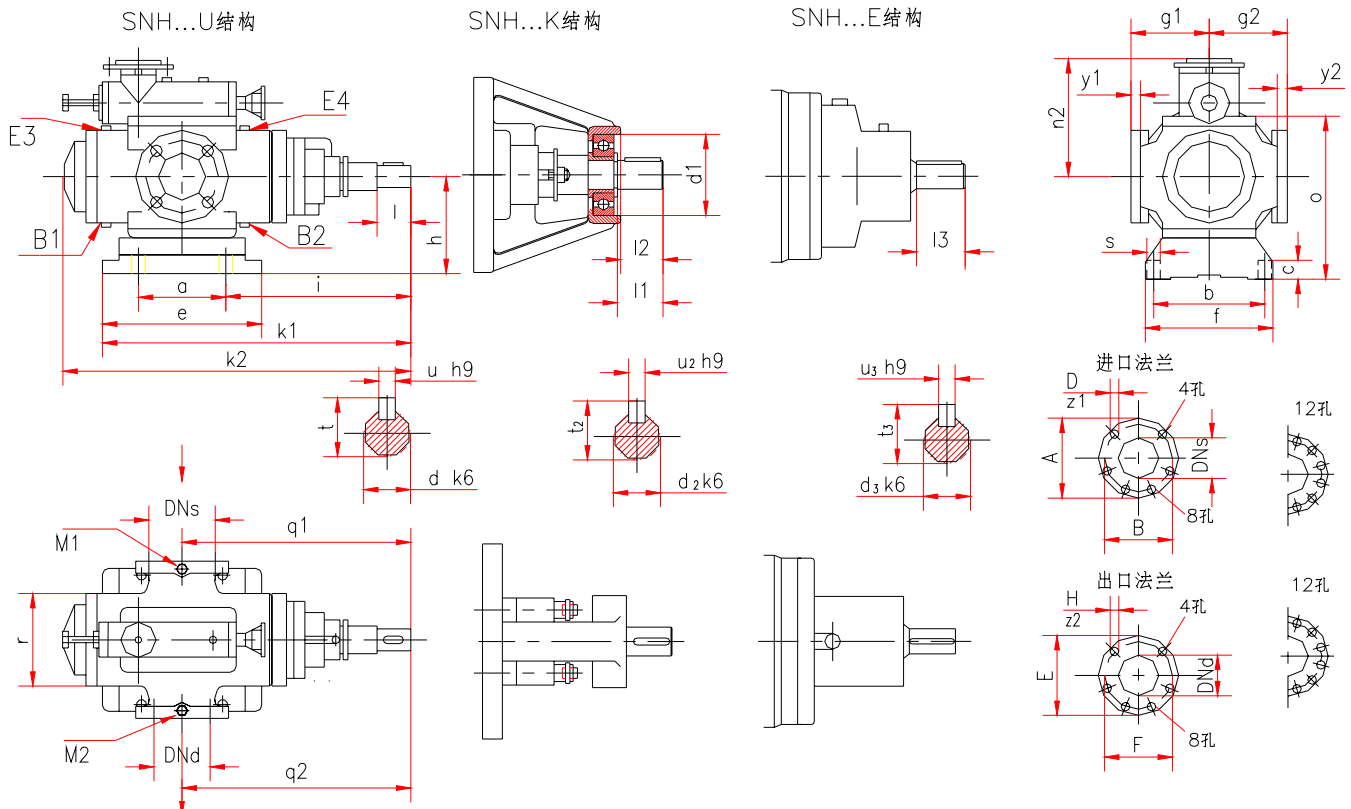
转速 $n=2900\text{r/min}$

规格	压力	粘度 Viscosity = mm2/s																	
		3		6		12		20		40		75		150		380		760	
		流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw	流量 l/min	轴功率 Kw
size	(MPa)																		
940-46	0.5	1830	25.99	1844	25.99	1852	25.99	1859	25.99	1864	25.99	1869	29.51	1872	33.63	1874	43.35	1876	55.67
	1.0	1789	41.65	1814	41.65	1829	41.65	1842	41.65	1851	41.65	1860	45.17	1865	49.29	1869	59.01	1872	71.33
	1.5	1752	57.32	1787	57.32	1808	57.32	1826	57.32	1840	57.32	1852	60.84	1858	64.96	1865	74.68	1869	87
	2.0	1717	72.99	1762	72.99	1788	72.99	1811	72.99	1828	72.99	1844	76.51	1852	80.63	1861	90.35	1866	102.67
	2.5	1682	88.65	1737	88.65	1769	88.65	1797	88.65	1818	88.65	1836	92.17	1847	96.29	1857	106	1863	118.33
	3.0	1649	104.3	1713	104.3	1750	104.3	1783	104.3	1807	104.3	1829	107.8	1841	112	1853	121.7	1860	134
	3.5			1690	120	1732	120	1769	120	1797	120	1821	123.5	1836	127.6	1849	137.4	1857	149.67
	4.0			1667	135.7	1714	135.7	1756	135.7	1787	135.7	1814	139.2	1830	143.3	1846	153	1854	165.33
940-50	0.5	2060	28.15	2082	28.15	2095	28.15	2106	28.15	2115	28.15	2122	31.67	2126	35.79	2131	45.51	2133	57.83
	1.0	1995	45.99	2035	45.99	2058	45.99	2079	45.99	2094	45.99	2108	49.51	2116	53.63	2123	63.35	2127	75.67
	1.5	1935	63.82	1992	63.82	2025	63.82	2054	63.82	2075	63.82	2094	67.34	2105	71.46	2116	81.18	2122	93.5
	2.0	1879	81.65	1951	81.65	1993	81.65	2030	81.65	2057	81.65	2082	85.17	2096	89.29	2110	99.01	2117	111.33
	2.5	1824	99.49	1911	99.49	1962	99.49	2007	99.49	2040	99.49	2069	103	2087	107.1	2103	116.9	2112	129.17
	3.0			1873	117.3	1932	117.3	1984	117.3	2024	117.3	2058	120.8	2078	125	2097	134.7	2107	147
	3.5			1836	135.2	1903	135.2	1963	135.2	2007	135.2	2046	138.7	2069	142.8	2091	152.5	2103	164.83
	4.0					1875	153	1941	153	1991	153	2035	156.5	2060	160.6	2085	170.4	2098	182.67
1300-38	0.5	1810	29.59	1823	29.59	1830	29.59	1837	29.59	1841	29.59	1846	34.59	1848	39.63	1851	53.75	1852	69.47
	1.0	1773	45.05	1796	45.05	1809	45.05	1821	45.05	1830	45.05	1837	50.05	1842	55.09	1846	69.21	1849	84.93
	1.5	1738	60.52	1771	60.52	1790	60.52	1806	60.52	1819	60.52	1830	65.52	1836	70.56	1842	84.68	1846	100.4
	2.0	1706	75.99	1747	75.99	1771	75.99	1793	75.99	1809	75.99	1823	80.99	1831	86.03	1839	100.2	1843	115.87
	2.5	1674	91.45	1725	91.45	1754	91.45	1779	91.45	1799	91.45	1816	96.45	1825	101.5	1835	115.6	1840	131.33
	3.0	1644	106.9	1703	106.9	1736	106.9	1766	106.9	1789	106.9	1809	111.9	1820	117	1831	131.1	1837	146.8
	3.5	1614	122.4	1681	122.4	1720	122.4	1754	122.4	1780	122.4	1802	127.4	1815	132.4	1828	146.6	1835	162.27
	4.0	1585	137.9	1660	137.9	1703	137.9	1742	137.9	1771	137.9	1796	142.9	1810	147.9	1825	162	1832	177.73
1300-42	0.5	2157	32.62	2174	32.62	2184	32.62	2193	32.62	2200	32.62	2206	37.62	2209	42.66	2213	56.78	2214	72.5
	1.0	2106	51.12	2138	51.12	2156	51.12	2172	51.12	2184	51.12	2195	56.12	2201	61.16	2207	75.28	2210	91
	1.5	2059	69.62	2104	69.62	2129	69.62	2152	69.62	2169	69.62	2184	74.62	2193	79.66	2201	93.78	2206	109.5
	2.0	2015	88.12	2071	88.12	2104	88.12	2133	88.12	2155	88.12	2174	93.12	2185	98.16	2196	112.3	2202	128
	2.5	1972	106.6	2040	106.6	2080	106.6	2115	106.6	2142	106.6	2164	111.6	2178	116.7	2191	130.8	2198	146.5
	3.0	1930	125.1	2010	125.1	2057	125.1	2098	125.1	2128	125.1	2155	130.1	2171	135.2	2186	149.3	2194	165
	3.5	1889	143.6	1981	143.6	2034	143.6	2081	143.6	2116	143.6	2146	148.6	2164	153.7	2181	167.8	2191	183.5
	4.0			1952	162.1	2011	162.1	2064	162.1	2103	162.1	2137	167.1	2157	172.2	2177	186.3	2187	202



SN type three-spindle screw pump

●SNH PUMP DIMENSIONS FOR DESIGN



Dimensions in (mm)

size	Pump dimension									Foot dimension								Shaft end (u.k)										
	g ₁	g ₂	h	k ₂	n ₂	o	q ₁	q ₂	r	a	b	c	e	f	i	k ₁	s	d	d ₂	l	l ₁	l ₂	u	u ₂	t	t ₂	d ₁	
40	100	100	106	393	162	189	230	230	130	70	144	10	114	170	192.5	284.5	11.5	19	14	40	24.5	21	6	5	21.5	16.0	62	
80	120	120	118	435	174	213	275	275	155	70	144	10	144	170	234.5	326.0	11.5	19	19	35	29.0	25	6	6	21.5	21.5	72	
120	130	130	150	503	185	265	317	317	185	140	180	15	190	210	246.0	411.0	140	24	24	45	44.0	38	8	8	27.0	27.0	80	
210	150	150	160	580	195	285	352	352	205	140	180	15	190	210	281.0	446.0	140	28	24	55	53.0	48	8	8	31.0	31.0	80	
280	165	165	190	630	247	330	390	390	220	200	300	30	280	350	291.0	531.0	23.0	32	32	55	53.0	48	10	10	35.0	35.0	90	
440	180	180	200	716	257	350	440	440	245	200	300	30	280	350	340.0	580.0	23.0	38	38	60	58.0	52	10	10	41.0	41.0	110	
660	195	195	215	800	272	380	490	490	270	200	300	30	280	350	390.0	630.0	23.0	42	42	75	73.0	68	12	12	45.0	45.0	110	
940	205	205	225	886	282	400	555	555	290	200	300	30	280	350	450.0	690.0	23.0	48	48	80	76.0	71	14	14	51.5	51.5	130	
1300	220	220	240	955	382	430	560	560	310	300	370	35	380	430	410.0	750.0	23.0	48	48	80	77.0	72	14	14	51.5	51.5	130	
1700	240	240	260	1030	402	470	600	600	350	300	370	35	380	430	439.0	779.0	23.0	55	55	80	78.0	73	16	16	59.0	59.0	140	
2200	250	250	265	1136	407	480	715	715	360	300	370	35	380	430	545.0	885.0	23.0	60	60	100	97.0	94	18	18	64.0	64.0	150	
2900	300	300	315	1323	467	578	820	820	414	340	420	30	430	470	660.0	1045	27.0	75	75	70	120	120		20	20	79.5	74.5	
3600	300	300	315	1323	467	578	820	820	414	340	420	30	430	470	660.0	1045	27.0	75	75	70	120	120		20	20	79.5	74.5	
5300	370	370	355	1726	525	635	1260	910	510	480	500	50	550	580	750	1265	27.0	85	85	170	170-		22	22	90.0	90		

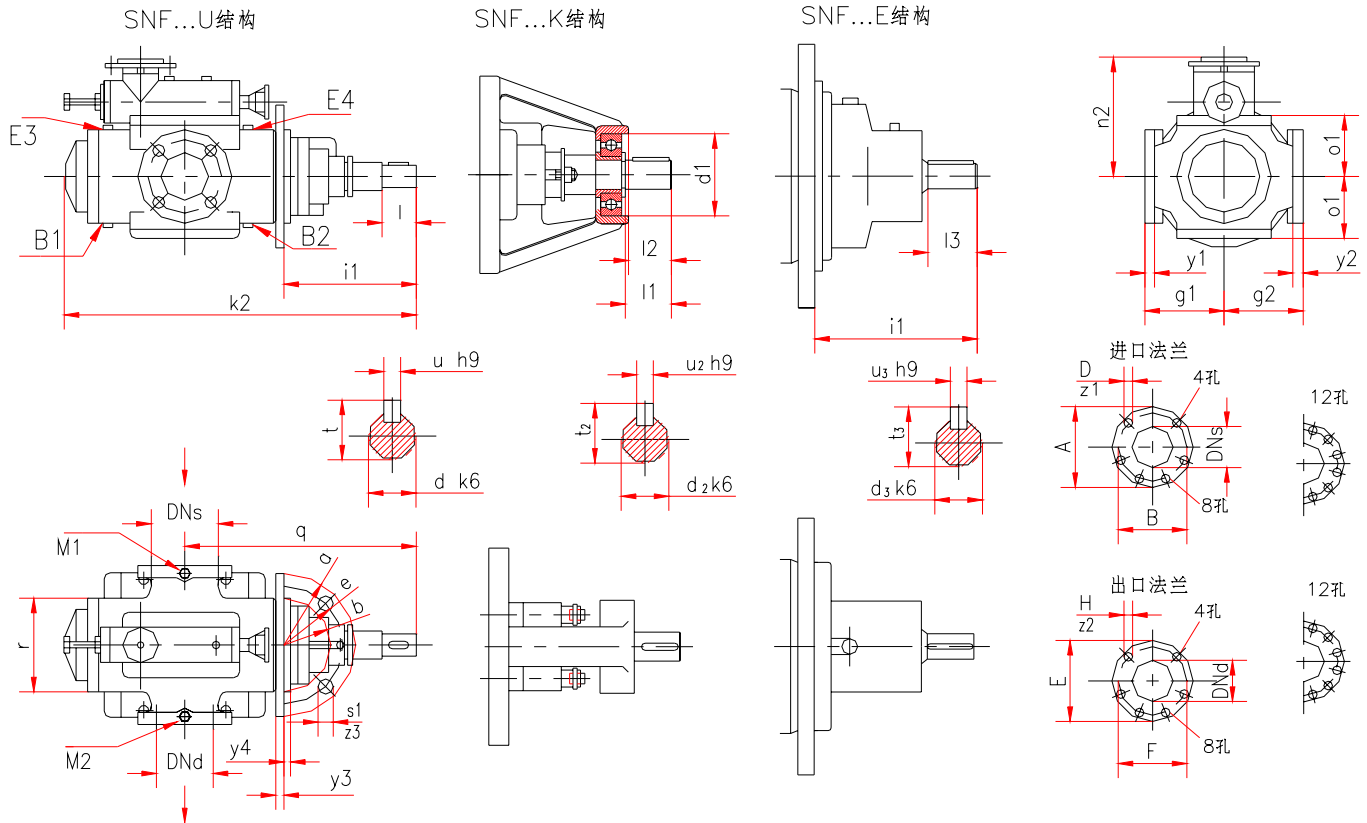
①max.dimension may be smaller acc.to valve type

size	Suction flange						Delivery flange						Drainage venting pressuregauge			Shaftend(E)			
	DN _s	A	B	D	y ₁	z ₁	DN _d	E	F	H	y ₂	z ₂	B1/B2	E3/E4	M1/M2	d ₃	l ₃	u ₃	t ₃
40	32	140	100	18	18	4	25	115	85	14	18	4	G1/4	G1/4	G1/4	19	25	6	21.5
80	65	185	145	18	20	4	50	165	125	18	22	4	G1/4	G1/4	G1/4	24	30	8	27.0
120	65	185	145	18	20	4	50	165	125	18	22	4	G1/4	G1/4	G1/4	28	45	8	31.0
210	80	200	160	18	22	8	65	185	145	18	24	8	G3/8	G3/8	G1/4	32	55	10	35.0
280	100	220	180	18	22	8	80	200	160	18	26	8	G3/8	G3/8	G3/8	38	55	10	41.0
440	125	250	210	18	24	8	100	235	190	23	28	8	G1/2	G1/2	G1/2	42	60	12	45.0
660	125	250	210	18	24	8	100	235	190	23	28	8	G1/2	G1/2	G1/2	48	75	14	51.5
940	150	285	240	23	24	8	125	270	220	27	30	8	G3/4	G3/4	G1/2	50	80	14	53.5
1300	150	285	240	23	24	8	125	270	220	27	30	8	G3/4	G3/4	G1/2	55	80	16	59.0
1700	200	340	295	23	26	8	150	300	250	27	34	8	G3/4	G3/4	G1/2	55	80	16	59.0
2200	200	340	295	23	26	8	150	300	250	27	34	8	G3/4	G3/4	G1/2	65	100	20	69.5
2900	250	395	350	23	28	12	200	375	320	30	40	12	G3/4	G3/4	G1/2	75	120	22	80
3600	250	395	350	23	28	12	200	375	320	30	40	12	G3/4	G3/4	G1/2	75	120	22	80
5300	250	390	350	23	24	12	200	375	320	30	43	12	G3/4	G3/4	G1/2	85	170	22	90



SN type three-spindle screw pump

● SNF PUMP DIMENSIONS FOR DESIGN



Dimensions in (mm)

size	Pump dimension							Mounting flange dimension							Shaft end (u.k)											
	g ₁	g ₂	k ₂	n ₂	o ₁	q	r	a	b	e	i ₁	s ₁	y ₃	y ₄	z ₃	d	d ₂	l	l ₁	l ₂	u	u ₂	t	t ₂	d ₁	
40	100	100	383	162	83	230	130	190	130	160	130.5	14	14	5	4	19	14	40	24.5	21	6	5	21.5	16.0	62	
80	120	120	435	174	95	275	155	230	155	190	138.5	18	16	5	4	19	19	35	29.0	25	6	6	21.5	21.5	72	
120	130	130	503	185	115	317	185	260	185	220	168.0	18	18	5	4	24	24	45	44.0	38	8	8	27.0	27.0	80	
210	150	150	580	195	125	352	205	290	205	250	186.5	18	20	6	4	28	24	55	53.0	48	8	8	27.0	27.0	80	
280	165	165	630	247	140	390	220	310	220	260	194.5	23	22	6	4	32	32	55	53.0	48	10	10	35.0	35.0	90	
440	180	180	716	257	150	440	245	360	250	310	209.0	27	25	6	4	38	38	60	58.0	52	10	10	41.0	41.0	110	
660	195	195	800	272	165	490	270	380	270	320	239.0	27	25	6	4	42	42	75	73.0	68	12	12	45.0	45.0	110	
940	205	205	886	282	175	555	290	400	290	350	251.0	23	28	6	8	48	48	80	76.0	71	14	14	51.5	51.5	130	
1300	220	220	955	382	190	560	310	410	310	360	257.0	23	28	6	8	48	48	80	77.0	72	14	14	51.5	51.5	130	
1700	240	240	1030	402	210	600	350	480	350	420	258.0	23	28	6	8	55	55	80	78.0	73	16	16	59.0	59.0	140	

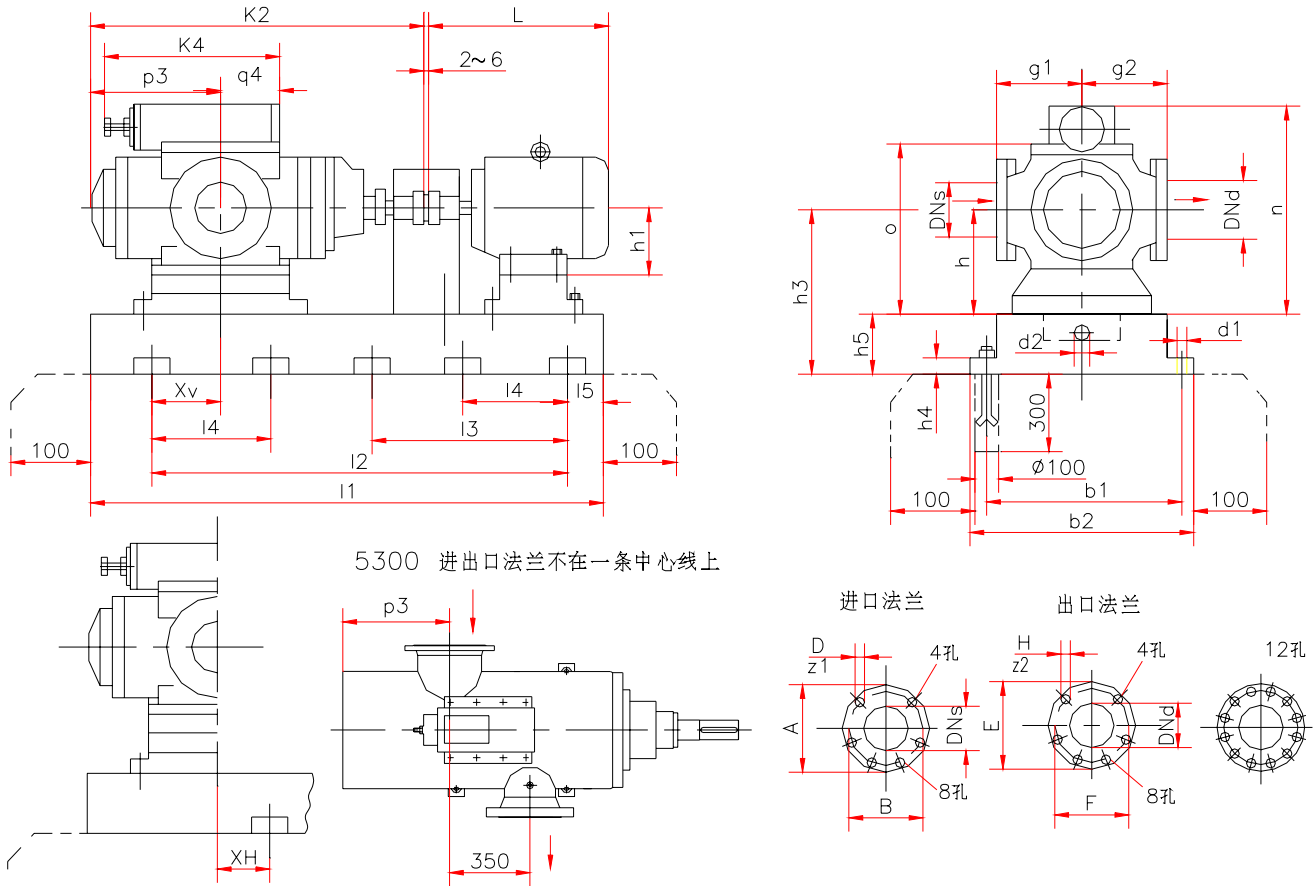
① max.dimension may be smaller acc. to valve type

size	Suction flange						Delivery flange						Drainage venting pressure gauge			shaftend			
	DN _s	A	B	D	y ₁	z ₁	DN _d	E	F	H	y ₂	z ₂	B1/B2	E3/E4	M1/M2	d ₃	l ₃	u ₃	t ₃
40	32	140	100	18	18	4	25	115	85	14	18	4	G1/4	G1/4	G1/4	19	25	6	21.5
80	65	185	145	18	20	4	50	165	125	18	22	4	G1/4	G1/4	G1/4	24	30	8	27.0
120	65	185	145	18	20	4	50	165	125	18	22	4	G1/4	G1/4	G1/4	28	45	8	31.0
210	80	200	160	18	22	8	65	185	145	18	24	8	G3/8	G3/8	G1/4	32	55	10	35.0
280	100	220	180	18	22	8	80	200	160	18	26	8	G3/8	G3/8	G3/8	38	55	10	41.0
440	125	250	210	18	24	8	100	235	190	23	28	8	G1/2	G1/2	G1/2	42	60	12	45.0
660	125	250	210	18	24	8	100	235	190	23	28	8	G1/2	G1/2	G1/2	48	75	14	51.5
940	150	285	240	23	24	8	125	270	220	27	30	8	G3/4	G3/4	G1/2	50	80	14	53.5
1300	150	285	240	23	24	8	125	270	220	27	30	8	G3/4	G3/4	G1/2	55	80	16	59.0
1700	200	340	295	23	26	8	150	300	250	27	34	8	G3/4	G3/4	G1/2	55	80	16	59.0



SN type three-spindle screw pump

SNH PUMP INSTALLATION DIMENSIONS



base plate size table

Size	Base plate dimension										Size	Base plate dimension											
	b ₁	b ₂	d ₁	d ₂	h ₄	h ₅	l ₁	l ₂	l ₃	l ₅		b ₁	b ₂	d ₁	d ₂	h ₄	h ₅	l ₁	l ₂	l ₃	l ₄	l ₅	
2	265	305	14.5		25	40	515	315	-	100	12.1	575	635	25	M18×15	35	115	1570	1340	-	440	140	
3	300	340	14.5		30	45	575	355	-	110	12.3	645	705	25	M18×15	35	115	1570	1340	-	440	140	
4	300	340	14.5		30	45	645	400	-	122	13.1	575	635	25	M18×15	35	115	1720	1540	-	500	90	
5	335	379	18.5		30	50	725	500	-	112	14.1	675	755	25	M18×15	35	115	1720	1540	-	500	90	
6	375	419	18.5		30	50	815	560	-	132	16.3	675	736	18.5	M18×15	26	115	1920	1740	-	580	90	
7.1	320	380	20		M14×15	35	73	940	630	-	155	17.1	675	736	18.5	M18×15	26	120	2120	1940	-	650	90
8.1	400	460	20	M18×15	35	75	980	630	-	195	18.1	718	786	27	G3/4"	12	155	2300	2220		740	40	
9.1	445	505	25	M18×15	35	87	1090	710	-	215	19.1	812	882	27	G3/4"	14	175	2500	2420		806	40	
10.1	470	530	25	M18×15	35	87	1190	900	450	160	20.1	924	1034	41	M18×15	50	238	3200	3000		1000	100	
11.1	520	580	25	M18×15	35	90	1390	1190	595	120													

Pump dimension table

size	Suction flange PN10 DIN 2532=GB2555					Delivery flange PN40 DIN 2535=GB2555					Pump demension							
	DN _s	A	B	D	z ₁	DN _d	E	F	H	z ₂	g ₁ /g ₂	h	k ₂	k ₄	n	o	p ₃	q ₄
40	32	140	100	18	4	25	115	85	14	4	100	106	393	210	268	189	163	48.5
80	65	185	145	18	4	50	165	125	14	4	120	118	435	210	292	213	160	51
120	65	185	145	18	4	50	165	125	18	4	130	150	503	292	357	265	186	80
210	80	200	160	18	8	65	185	145	18	8	150	160	580	292	377	285	228	81
280	100	220	180	18	8	80	200	160	18	8	165	190	630	450	437	330	240	119
440	125	250	210	18	8	100	235	190	23	8	180	200	716	450	457	350	276	120
660	125	250	210	18	8	100	235	190	23	8	195	215	800	450	487	380	310	120
940	150	285	240	23	8	125	270	220	27	8	205	225	886	450	507	400	331	125
1300	150	285	240	23	8	125	270	220	27	8	220	240	955	620	622	430	395	180
1700	200	340	295	23	8	150	300	250	27	8	240	260	1030	620	662	470	430	191
2200	200	340	295	23	8	150	300	250	27	8	250	265	1136	620	672	480	421	200
2900	250	395	350	23	12	200	375	320	30	12	300	315	1323	700	782	578	503	213
3600	250	395	350	23	12	200	375	320	30	12	300	315	1323	700	782	578	503	213
5300	250	390	350	23	12	200	375	320	30	12	370	355	1726	620	880	680	465	



SN type three-spindle screw pump

Pump motor and base plate unite table

Motor size	80	90	100	112	132S	132M	160M	160L	180M									
approx	285	310/315	380	400	475	515	600	645	670									
KW at 750 r/min					2.2	3	4/5.5	7.5/11	----									
KW at 1000 r/min		0.75/1.1	1.5	2.2	3	4/5.5	7.5	11	----									
KW at 1500 r/min	0.55/0.75	1.1/1.5	2.2/3	4	5.5	7.5	11	15	18.5									
KW at 3000 r/min	0.75/1.1	1.5/2.2	3	4	5.5/7.5	-----	11/15	18.5	22									
Pump size	Requaired base plate size and dimension x_H/x_v																	
	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr
SNH 40	45H	3	45H	3	60H	4	60H	4	50H	5	50H	5						
SNH 80	60H	4	60H	4	50H	5	50H	5	50H	5	65H	6	70H	8.1	70H	8.1		
SNH 120	10H	5	10H	5	25H	6	25H	5	25H	6	25H	6	40H	8.1	50H	9.1	50H	9.1
SNH 210			25H	6	40H	7.1	40H	7.1	40H	8.1	40H	8.1	50H	9.1	50H	9.1	50H	9.1
SNH 280					10V	8.1	10H	8.1	10V	8.1	0	9.1	35V	10.1	35V	10.1	35V	10.1
SNH 440							10H	9.1	0	9.1	0	9.1	35V	10.1	35V	10.1	35V	10.1
SNH 660									0	9.1	35V	10.1	185V	11.1	165V	11.1	165V	11.1
SNH 940											35V	10.1	150V	11.1	130V	11.1	130V	11.1
SNH 1300													180V	11.1	230V	12.1	230V	12.1
SNH 1700															200V	12.1	200V	12.1
SNH 2200																	140V	12.1
SNH 2900																	290V	16.3
SNH 3600																	290V	16.3

Motor size	180L	200L	225S	225M	250M	280S	280M	315S	315M									
approx	710	775	800	815/845	930	1000	1050	1240/1370	1370/1410									
KW at 750 r/min	11	15	18.5	20	30	37	45	55	75/90/110									
KW at 1000 r/min	15	18.5/22	-----	30	37	45	55	75	90/110/132									
KW at 1500 r/min	22	37	37	45	55	75	90	110	132/160									
KW at 3000 r/min		30/37	-----	45	55	75	90	110	132/160									
Pump size	Requaired base plate size and dimension x_H/x_V																	
	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr	X_H/X_V	Gr
SNH 40																		
SNH 80																		
SNH 120																		
SNH 210	15H	10.1	15H	10.1														
SNH 280	35V	10.1	215V	11.1	185V	11.1	175V	11.1										
SNH 440	170V	11.1	170V	11.1	140V	11.1	120V	11.1	210V	12.1	135V	12.3						
SNH 660	145V	11.1	125V	11.1	190V	12.1	190V	12.1	190V	12.1	110V	12.3						
SNH 940	110V	11.1	170V	12.1	150V	12.1	140V	12.1	105V	12.1	180V	14.1	170V	14.1				
SNH 1300	210V	12.1	190V	12.1	170V	12.1	160V	12.1	230V	13.1	200V	14.1	180V	14.1				
SNH 1700	180V	12.1	160V	12.1	250V	13.1	250V	13.1	200V	13.1	170V	14.1	320V	16.3	270V	16.3	235V	16.3
SNH 2200	200V	13.1	200V	13.1	180V	13.1	180V	13.1	140V	13.1	210V	16.3	190V	16.3	160V	16.3	250V	17.1
SNH 2900	290V	16.3	290V	16.3	290V	16.3	290V	16.3	360V	17.1	330V	17.1	300V	17.1	285V	17.1		
SNH 3600	290V	16.3	290V	16.3	290V	16.3	290V	16.3	360V	17.1	330V	17.1	300V	17.1	285V	17.1		
SNH 5300									99V	18.1	65V	18.1	40V	18.1	28V	18.1	3V	18.1

Motor size	355M	355L							
approx	1515	1515							
KW at 750 r/min	132/160	185/200							
KW at 1000 r/min	185/200	220/250							
KW at 1500 r/min	220/250	280/315							
Pump size	Required base plate size and dimension x_H/x_V								
	X_H/X_V	Gr	X_H/X_V	Gr					
SNH 5300	3V	19.1	3V	19.1					



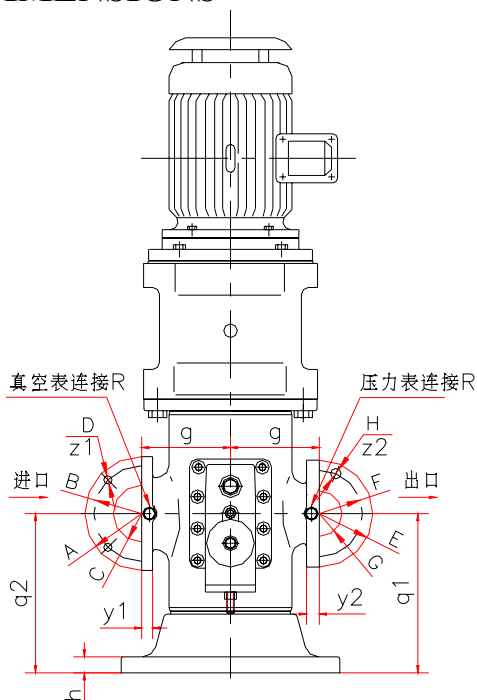
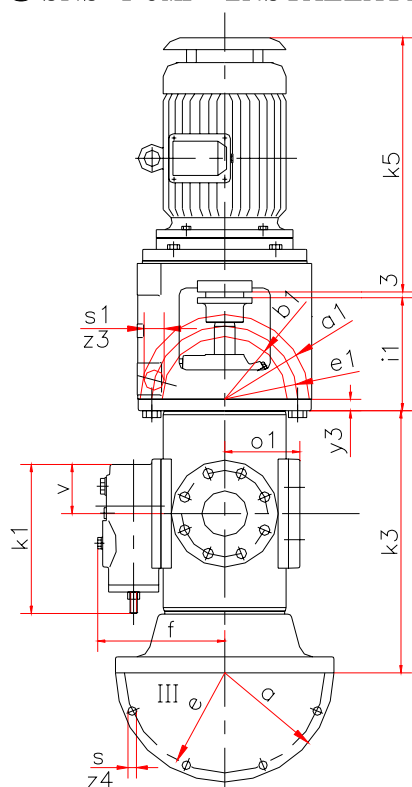
size	Pump-/unit dimensions																			Pressure Gauge M ₁ / M ₂	Leakage oil drain R1
	a	a ₁	b	c	f	g ₁ /g ₂	h	i ₁	k ₁	k ₂	k ₄	m	n ₂	o ₁	q	q ₄	q ₅	r	s		
40	140	190	190	30	227	100	180	130.5	459	393	210	57	162	83	230	48.5	127.5	130	11	G1/4	G3/8
80	140	230	250	40	315	120	180	138.5	497.5	435	210	60	174	95	275	51	167.5	155	18	G1/4	G3/8
120	160	260	250	40	315	130	195	168	558	503	292	60	207	115	317	111	182	185	18	G1/4	G3/8
210	180	290	250	40	315	150	210	186.5	632.5	580	292	60	217	125	352	112	194.5	205	18	G1/4	G3/8
280	185	310	250	40	315	165	220	194.5	681	630	450	60	247	140	390	167	226	220	18	G3/8	G3/8
440	190	360	355	40	410	180	280	209	778.5	716	450	80	257	150	440	168	272.5	245	23	G1/2	G1/2
660	220	380	355	40	410	195	290	239	865	800	450	80	272	165	490	168	295	270	23	G1/2	G1/2
940	235	400	355	40	410	205	310	251	950	886	450	80	282	175	555	173	344	290	23	G1/2	G1/2
1300	235	410	355	40	410	220	310	257	1015.5	955	620	80	382	190	560	250	345.5	310	23	G1/2	G1/2
1700	270	480	355	40	410	240	340	258	1121	1030	620	80	402	210	600	261	381	350	23	G1/2	G1/2
2200	270	480	355	40	410	250	340	294	1197	1136	620	80	407	215	715	270	466	360	23	G1/2	G1/2

size	Suction flange PN 10, DIN 2532 GB2555							Delivery flange PN40, DIN2535 GB2555							Motor size																	
															80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	
															KW at 1500 l/min																	
															0.55	1.1	1.5	2.2	4	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	
															0.75	1.1	1.5	2.2	4	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	
															0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90
Dimension L approx																																
40	32	140	100	18	18	4	25	115	85	14	18	4	710	720	745	785	815	880	920													
80	65	185	145	18	20	4	50	165	125	18	22	4	750	760	785	825	855	920	960													
120	65	185	145	18	20	4	50	165	125	18	22	4	820	830	855	895	925	985	1025	1135	1180	1210	1250									
210	80	200	160	18	22	8	65	185	145	18	24	8		905	930	970	1000	1060	1100	1210	1255	1285	1325	1375								
280	100	220	180	18	22	8	80	200	160	18	26	8				1020	1070	1130	1170	1280	1325	1355	1400	1445								
440	125	250	210	18	24	8	100	235	190	23	28	8						1195	1235	1345	1390	1420	1460	1510	1550	1595	1680	1740				
660	125	250	210	18	24	8	100	235	190	23	28	8						1285	1325	1435	1480	1510	1550	1600	1640	1685	1770	1830				
940	150	285	240	23	24	8	125	270	220	27	30	8						1365	1405	1515	1560	1590	1630	1680	1720	1765	1850	1910				
1300	150	285	240	23	24	8	125	270	220	27	30	8							1585	1630	1660	1700	1750	1790	1835	1920	1980	2055	2025			
1700	200	340	295	23	26	8	150	300	250	27	34	8							1660	1705	1735	1775	1825	1865	1910	1995	2055	2100				
2200	200	340	295	23	26	8	150	300	250	27	34	8										1840	1880	1930	1970	2015	2100	2160	2205			



SN type three-spindle screw pump

● SNS PUMP INSTALLATION DIMENSIONS



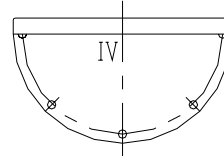
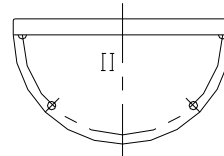
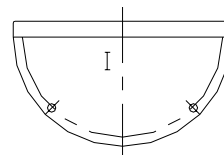
泵柱脚位置尺寸

I = SNS40

II = SNS80~210

III = SNS280~940

IV = SNS1300~3600



Dimensions in mm

Pump size	Foot mounting flange					Flange driving side							Pump dimension							
	a	h	e	s	z ₄	a ₁	b ₁	e ₁	y ₃	s ₁	z ₃	f	g	i ₁	k ₁	k ₃	o ₁	q ₁	q ₂	v
SNS40	250	22	220	14	4	190	130	160	14	14	4	163.5	100	130.5	175	260	83	160	160	48
SNS80	280	23	240	18	6	230	155	190	16	18	4	175.5	120	138.5	175	325.5	95	189	229	50
SNS120	320	25	280	18	6	260	185	220	18	18	4	185	130	168	198	653.5	115	205	260	80
SNS210	340	25	300	18	6	290	205	250	20	18	4	195	150	186.5	198	396	125	230	230	80
SNS280	400	30	360	18	8	310	220	260	22	23	4	246	165	194.5	345	546	140	350	350	119
SNS440	420	35	380	18	8	360	250	310	25	27	4	256	180	209	345	581	150	350	350	120
SNS660	480	35	440	18	8	380	270	320	25	27	4	271	195	239	345	601	165	350	350	120
SNS940	510	40	460	18	8	400	290	350	28	23	8	281	205	251	345	674	175	370	370	125
SNS1300	560	35	500	23	8	410	310	360	28	23	8	300	220	257	540	743	190	450	450	180
SNS1700	600	35	540	23	8	480	350	420	28	23	8	320	240	258	540	808	210	466	466	191
SNS2200	620	40	560	23	8	480	360	420	30	23	8	325	250	294	540	871	215	450	450	200
SNS2900	800	60	700	30	8	560	450	500	40	27	8	461	300	394	620	1006	271	580	580	218
SNS3600	800	60	700	30	8	560	450	500	40	27	8	461	300	394	620	1006	271	580	580	218
SNS5300	800	35	700	30	8	660	510	600	32	27	8	480	420	587	470	1135		875	335	-55

size	Suction flange PN10 GB2555						Delivery flange PN40 GB2555								R
	A	B	C	D	y ₁	z ₁	E	F	G	H	y ₂	z ₂			
SNS40	140	100	32	18	18	4	115	85	25	14	18	4	G1/4"		
SNS80	185	145	65	18	20	4	165	125	50	18	22	4	G1/4"		
SNS120	185	145	65	18	20	4	165	125	50	18	22	4	G1/4"		
SNS210	200	160	80	18	22	8	185	145	65	18	24	8	G1/4"		
SNS280	220	180	100	18	22	8	200	160	80	18	26	8	G3/8"		
SNS440	250	210	125	18	24	8	235	190	100	23	28	8	G1/2"		
SNS660	250	210	125	18	24	8	235	190	100	23	28	8	G1/2"		
SNS940	285	240	150	23	24	8	270	220	125	27	30	8	G1/2"		
SNS1300	285	240	150	23	24	8	270	220	125	27	30	8	G1/2"		
SNS1700	340	295	200	23	26	8	300	250	150	27	34	8	G1/2"		
SNS2200	340	295	200	23	26	8	300	250	150	27	34	8	G1/2"		
SNS2900	395	350	250	23	28	12	375	320	200	30	40	12	G1/2"		
SNS3600	395	350	250	23	28	12	375	320	200	30	40	12	G1/2"		
SNS5300	390	350	250	22	24	12	375	320	200	30	43	12			

Norm-motor	K5	Norm-motor	K5
71	240	180M	650
80	275	180L	690
90S	305	200L	735
90L	330	225S	810
100L	365	225M	835
112M	380	250M	940
132S	445	280S	1000
132M	485	280M	1050
160M	585	315S	1140
160L	630	315M	1200



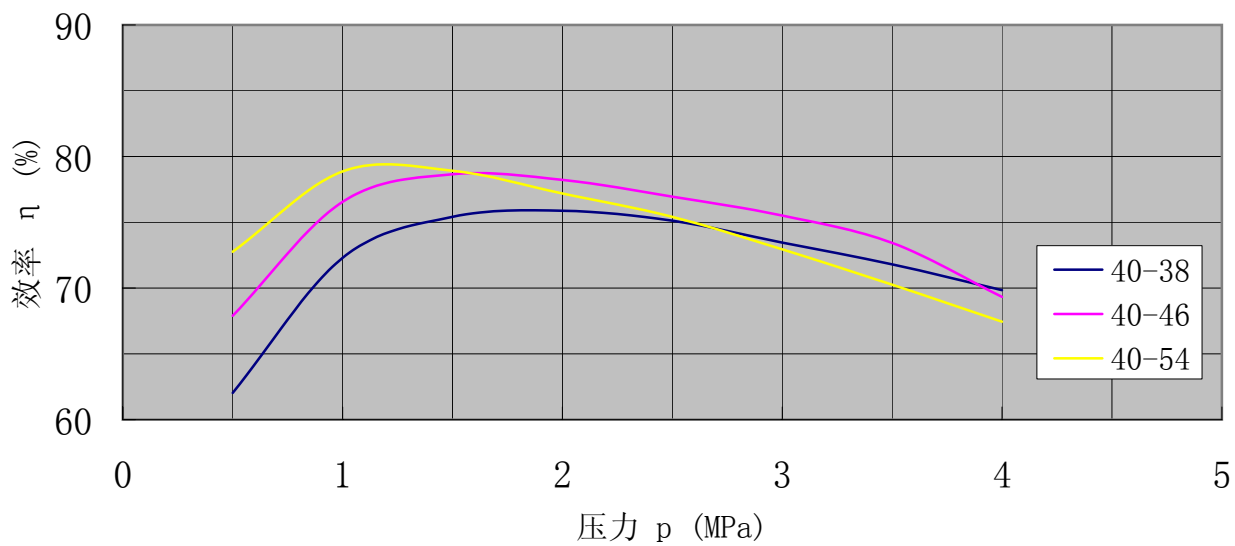
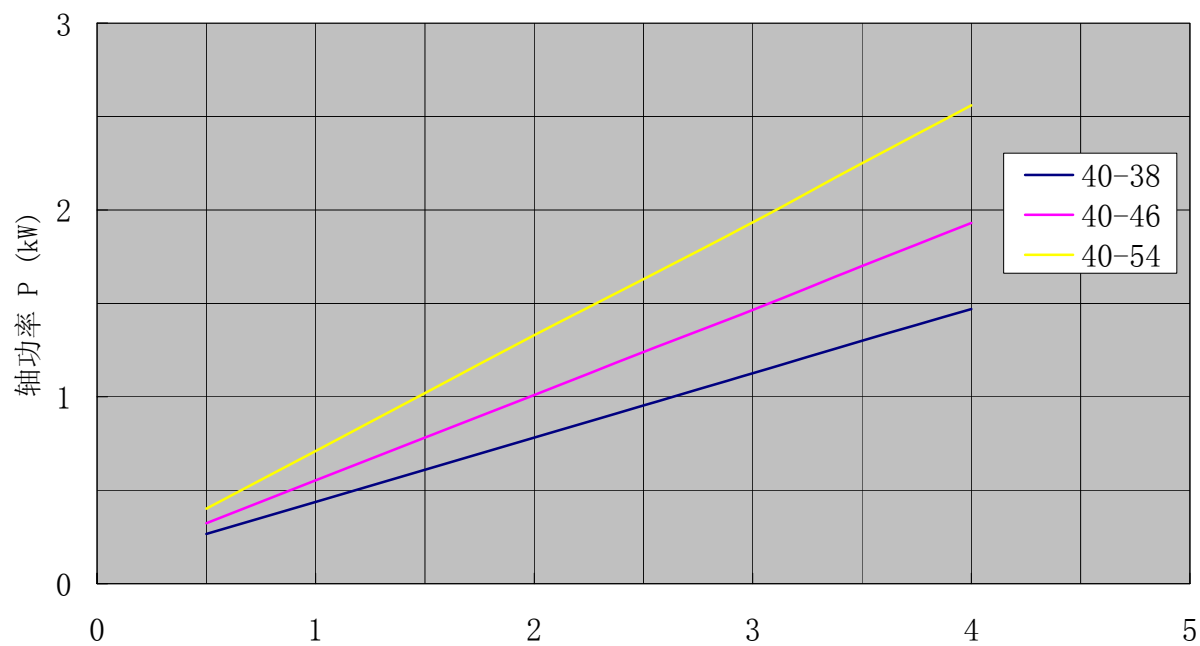
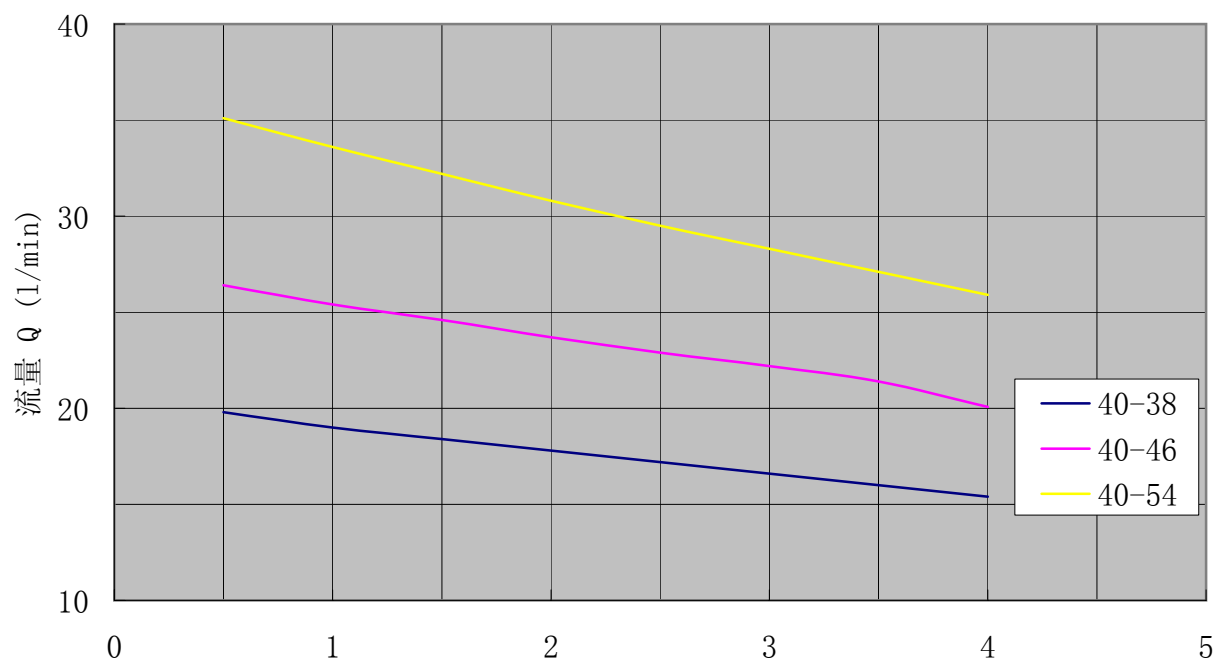
SN type three-spindle screw pump

NPSHr table

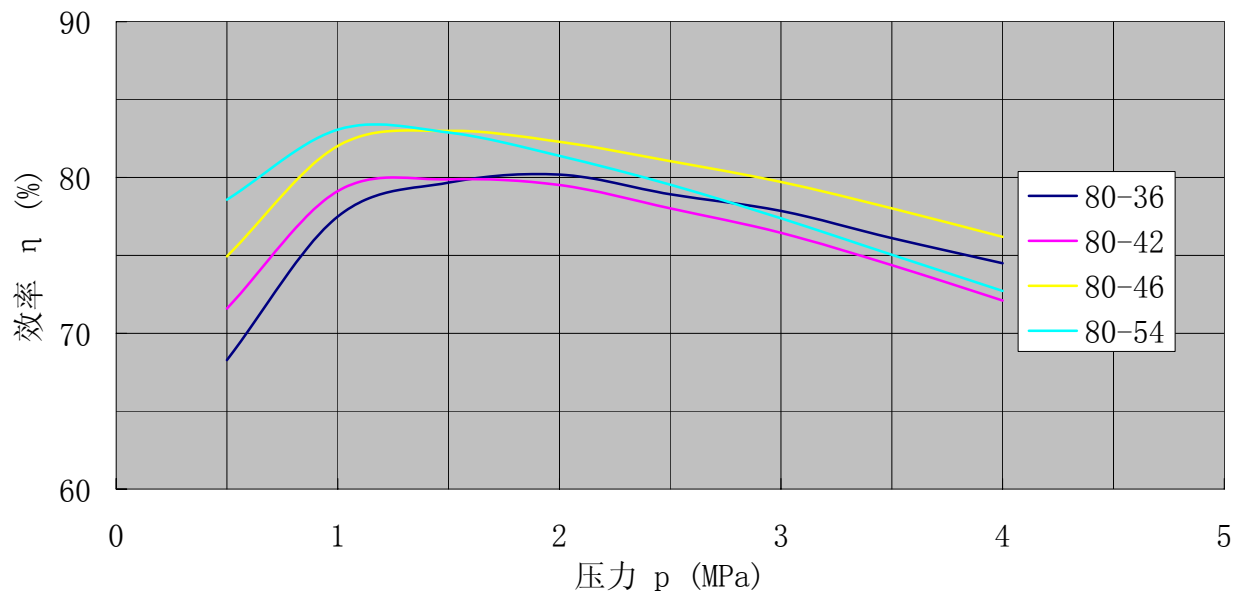
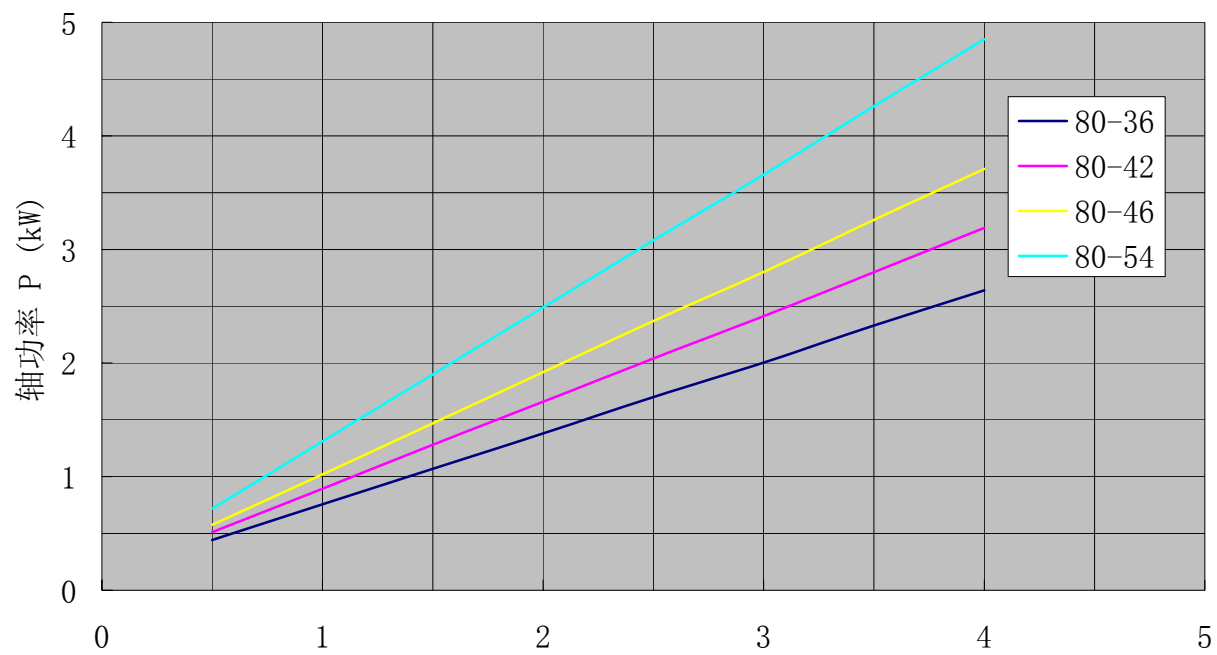
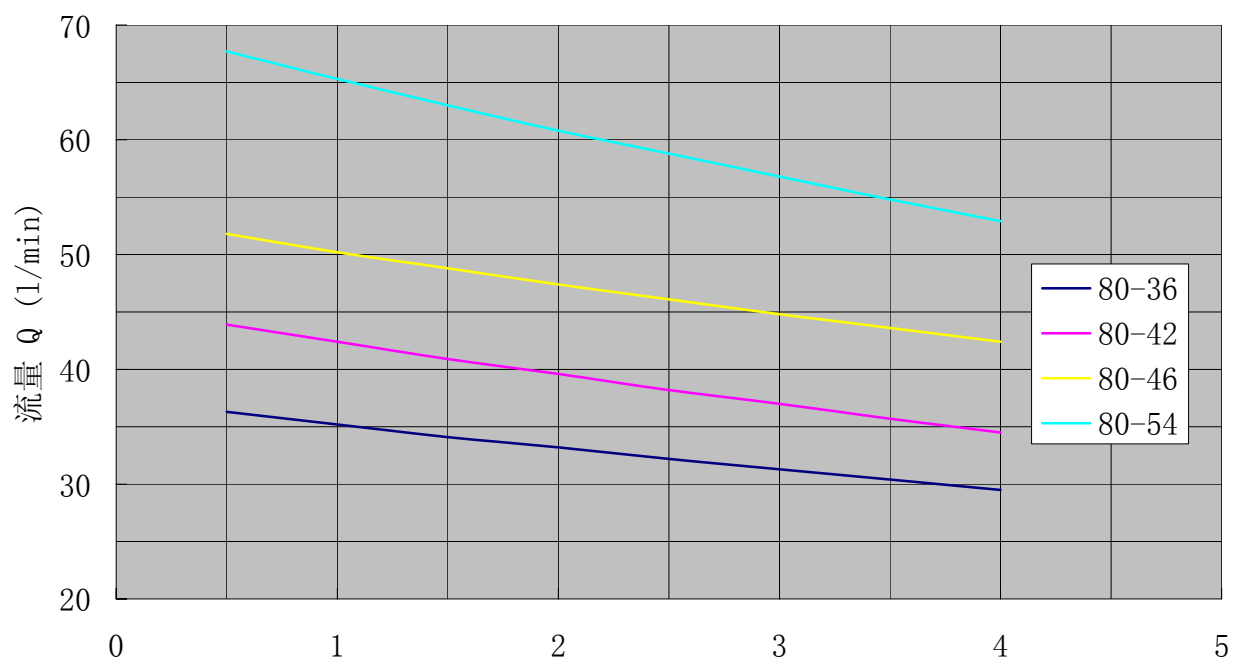
SN series Three Screw Pump NPSHr																					
size	Speed (rpm)																				
	950							1450							2900						
	Kinematic viscosity (mm2/s)																				
	3~12	20	40	75	150	380	760	3~12	20	40	75	150	380	760	3~12	20	40	75	150	380	760
	NPSHr (m)																				
40-38	2	2	2	2	2	2	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
120-54	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	10
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	10
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	10			
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	10	
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							
940-42	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	7.5	4	5	5.9	9.4	10					
940-50	4.8	1.9	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	1.9	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				
1300-46	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	5.6								
2200-46	2.2	2.3	2.5	2.9	3.3	4	4.9	4	4.3	4.7	5.7	6.7	5.6								
2900-40	2	2.1	2.3	2.6	3.1	3.7	4.4	3.8	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									
5300-46	3.2	3.7	4	4.8	6.6	7.1	8.3	7.1	9												

*The NPSHr in table is valid only for fluid without entrained (gas)

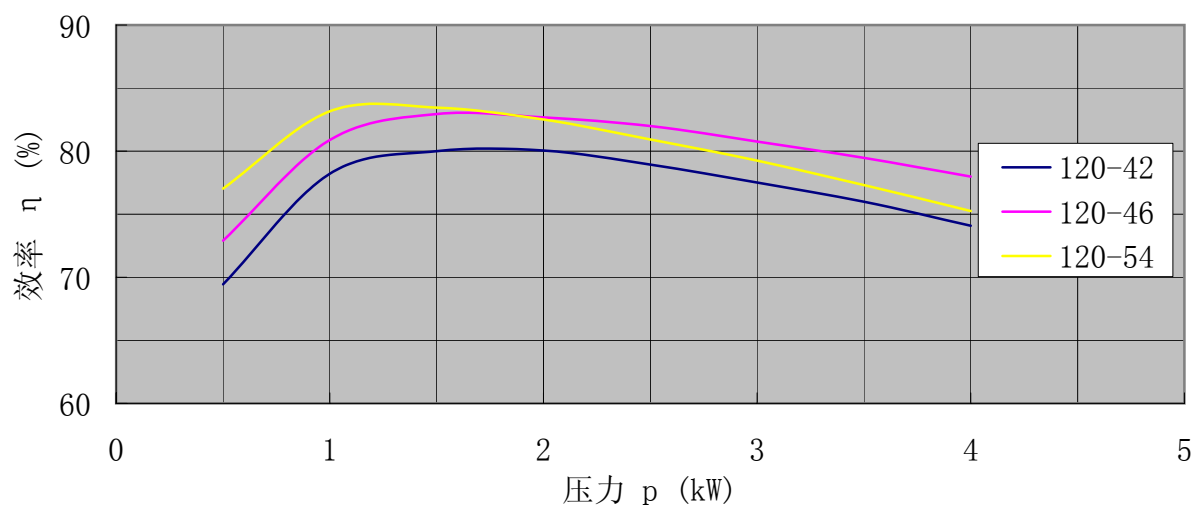
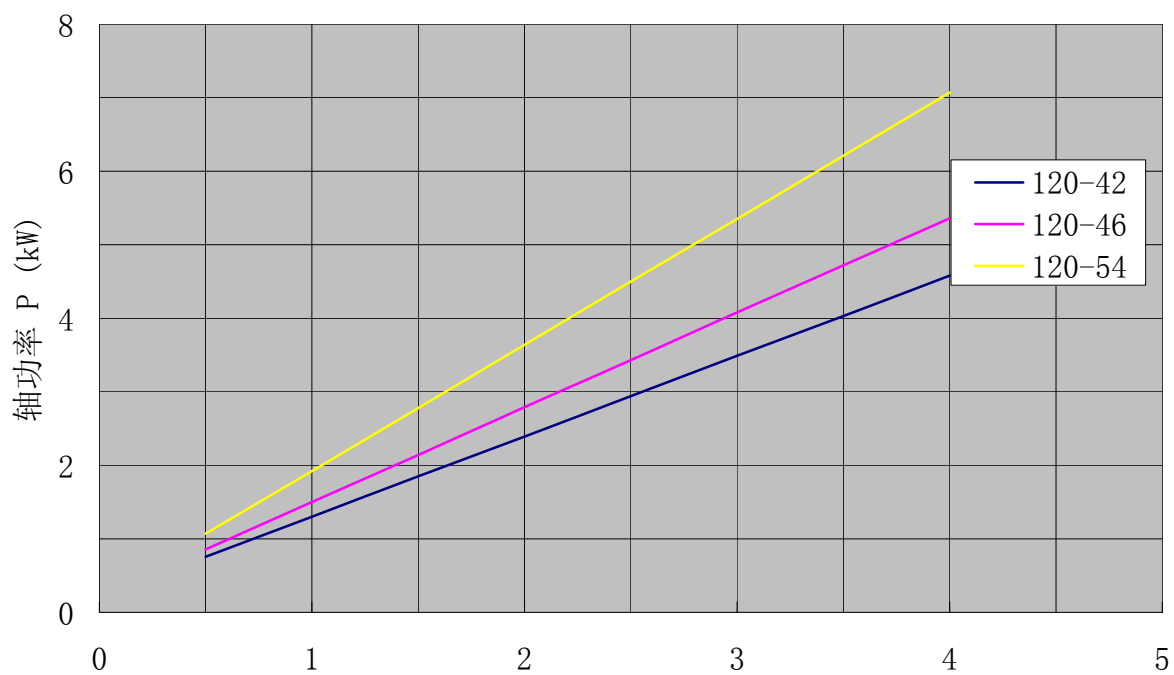
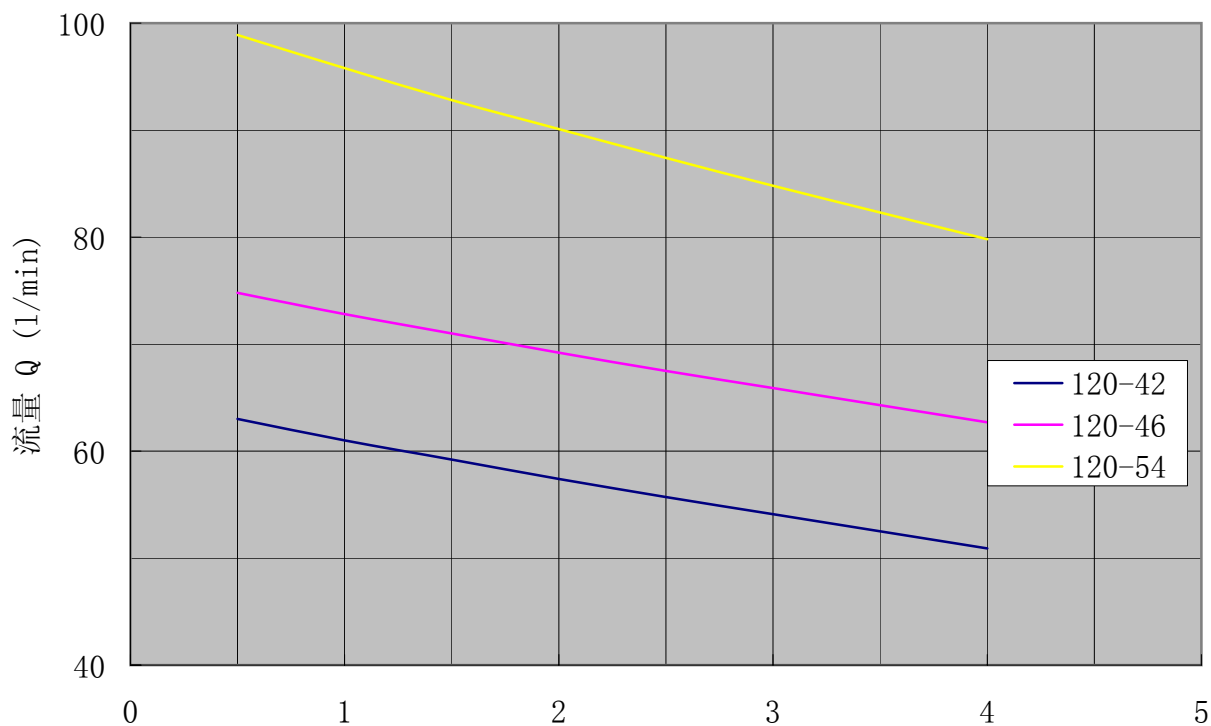
SN40性能曲线 转速:950r/min 粘度:75mm²/s



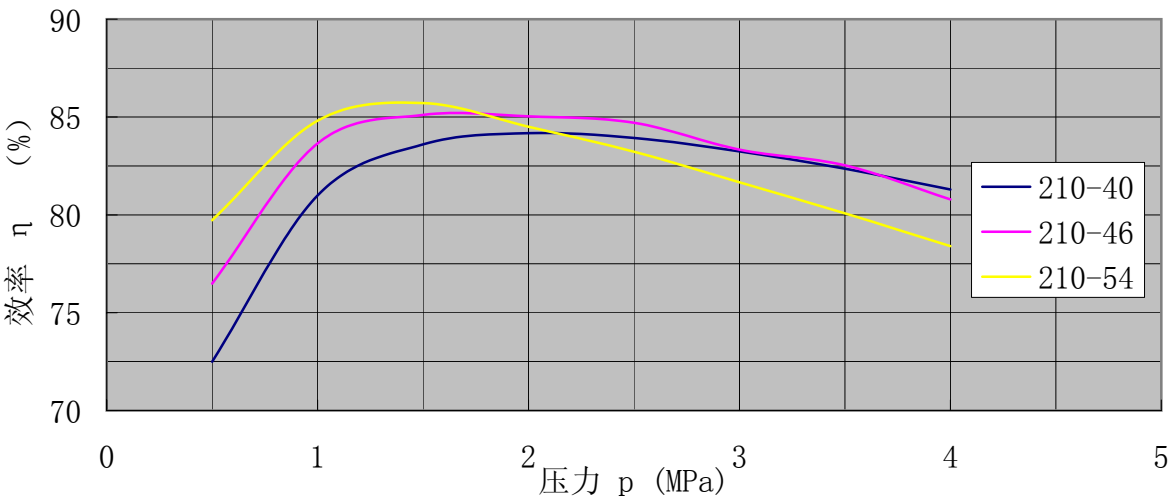
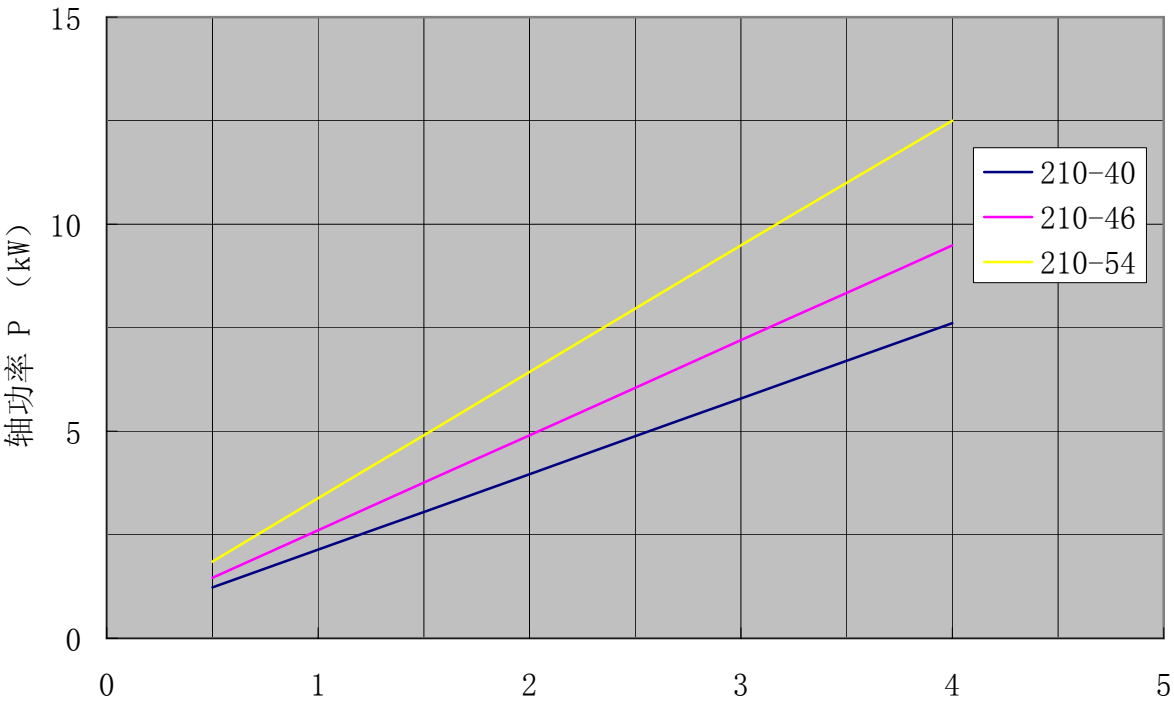
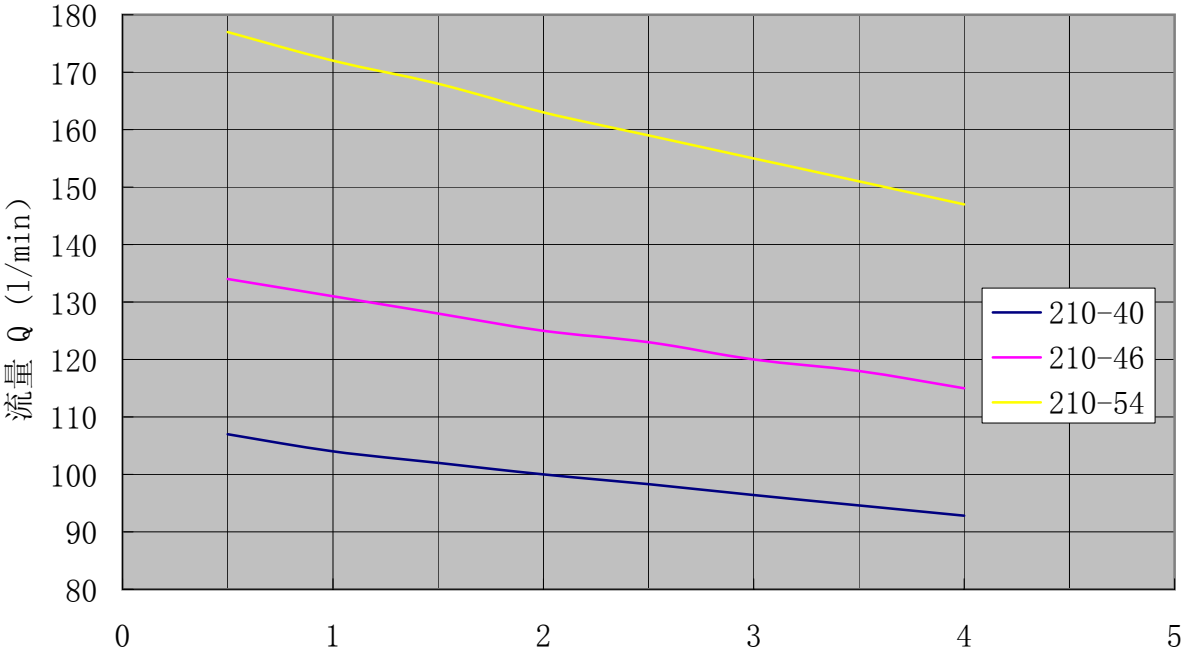
SN80 性能曲线 转速:950r/min 粘度:75mm²/s



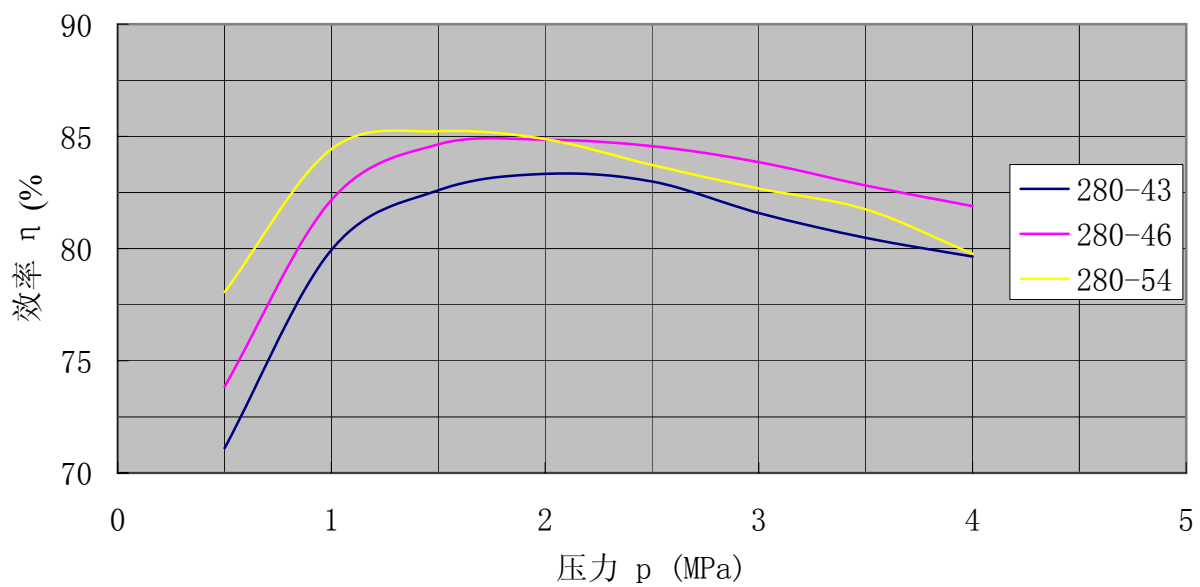
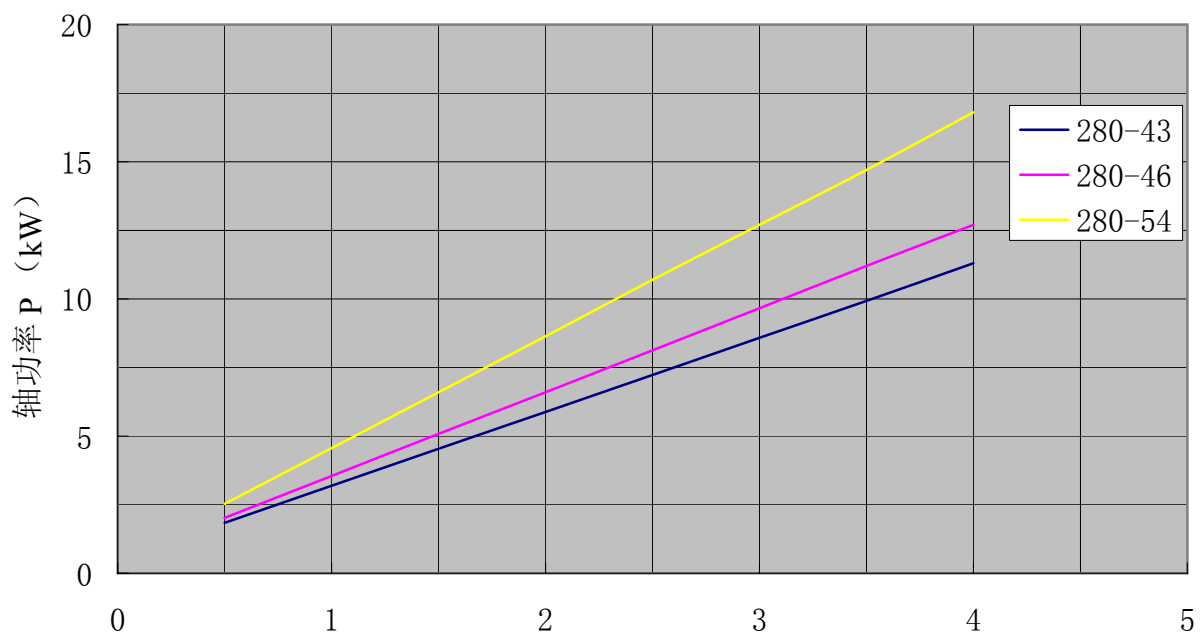
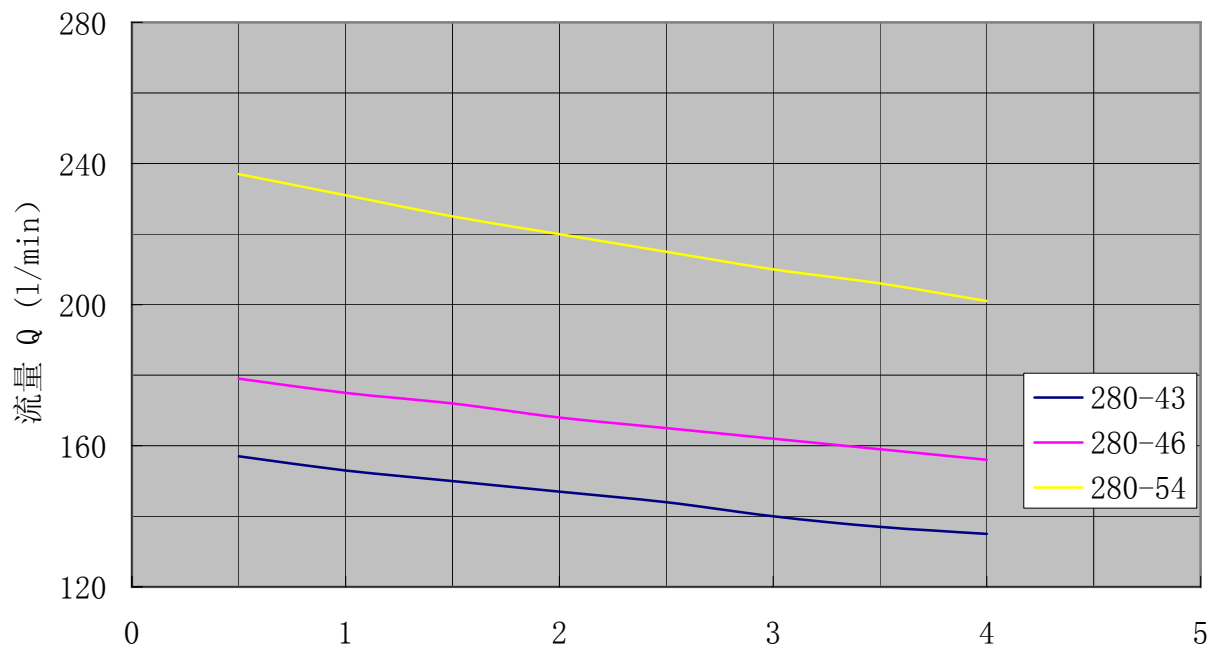
SN120 性能曲线 转速:950r/min 粘度:75mm²/s



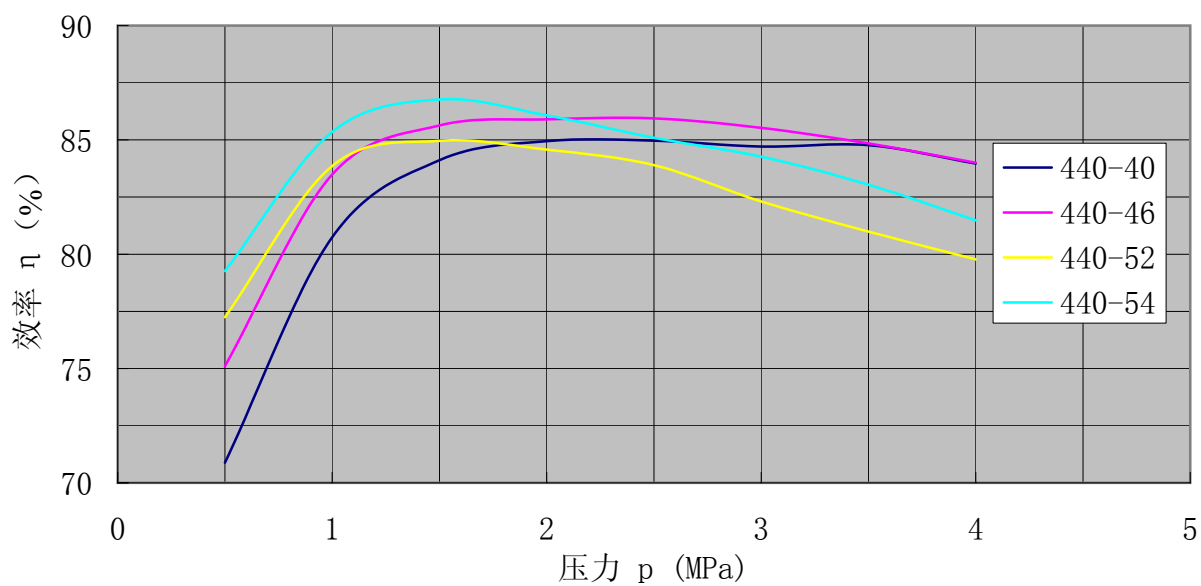
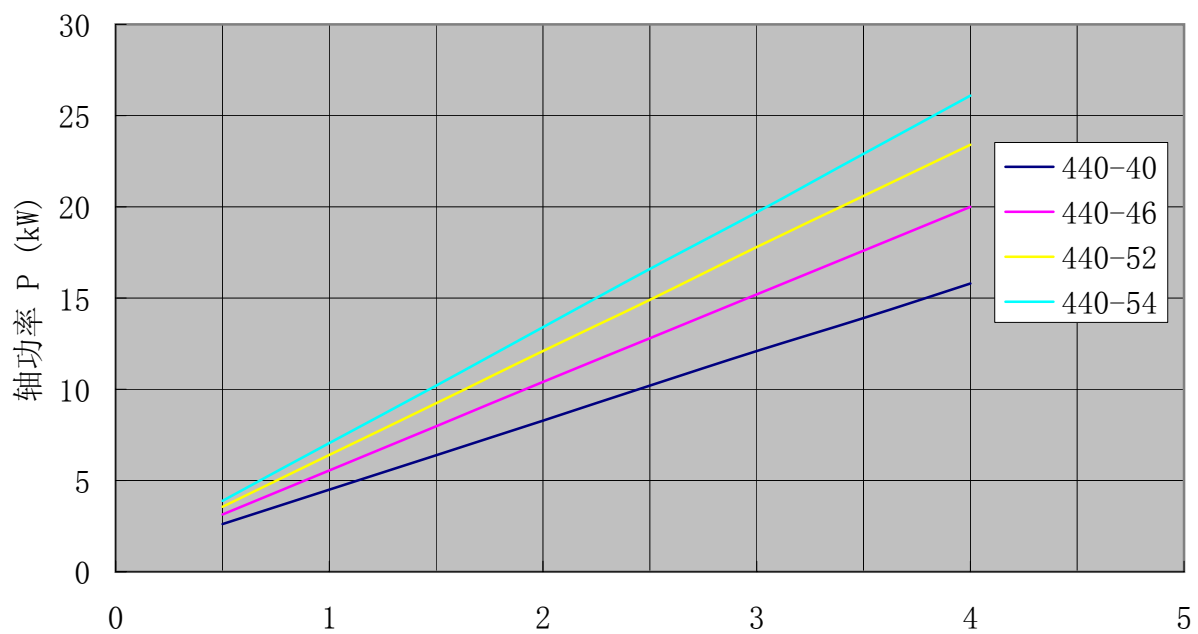
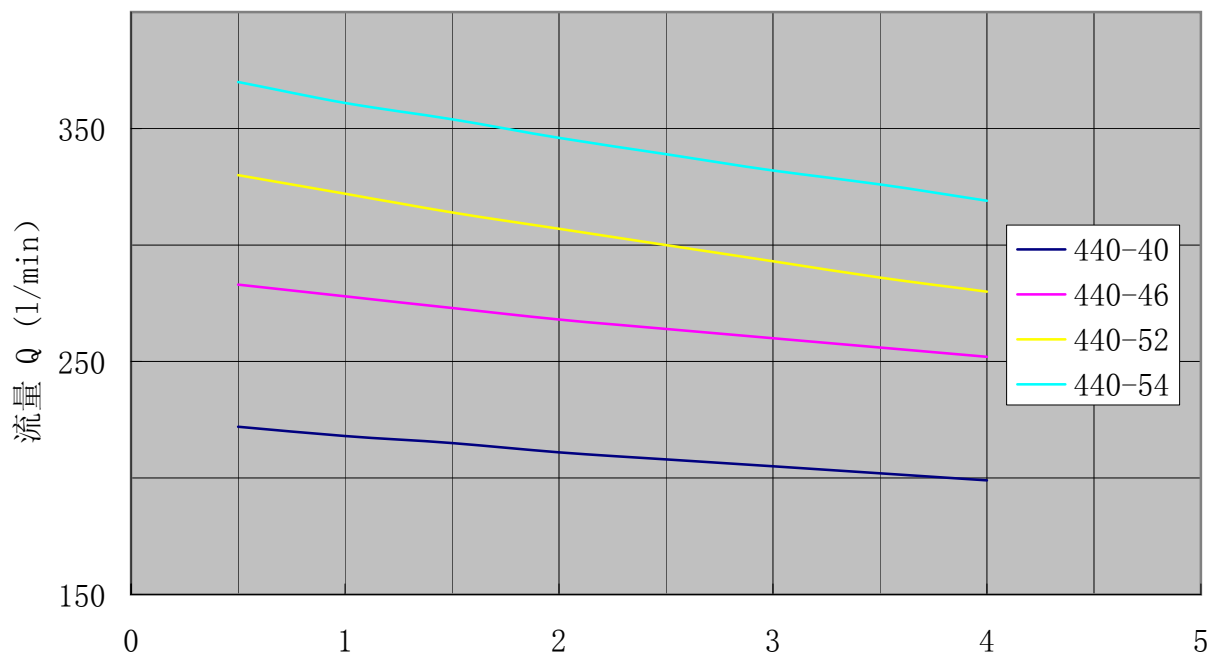
SN210性能曲线 转速:950r/min 粘度:75mm²/s



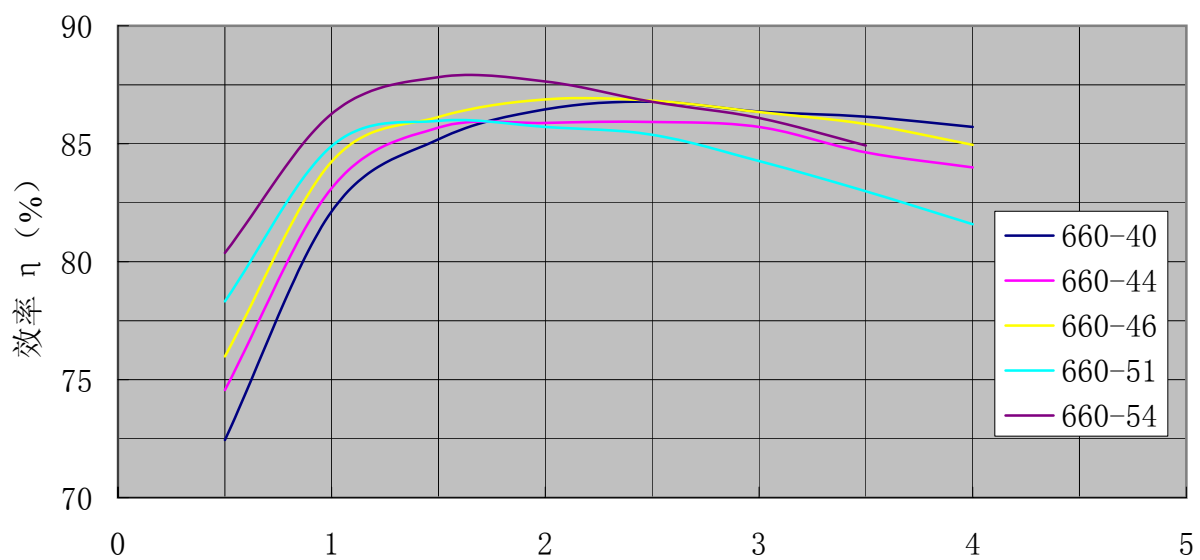
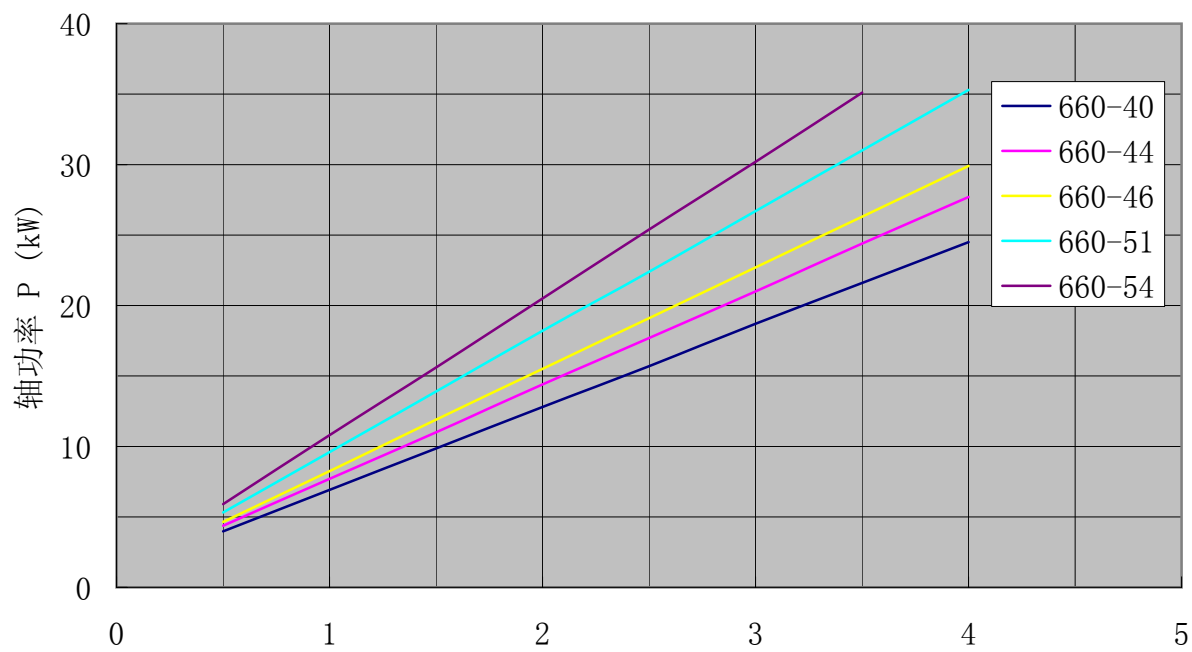
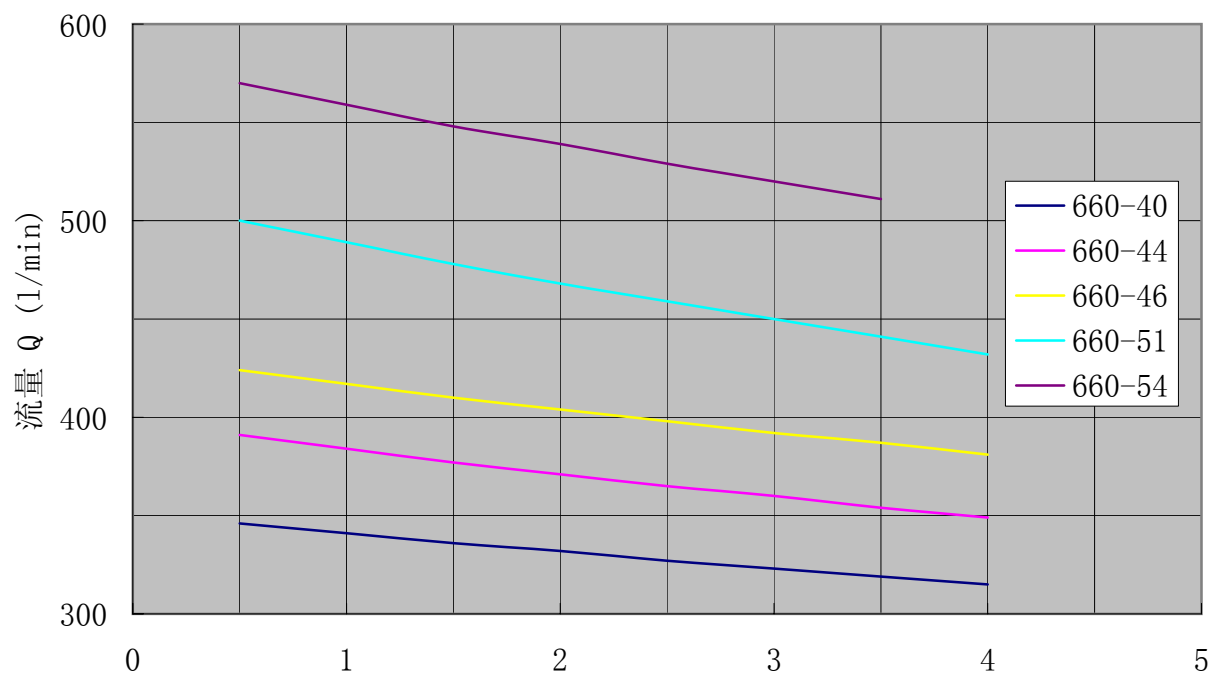
SN280性能曲线 转速:950r/min 粘度:75mm²/s



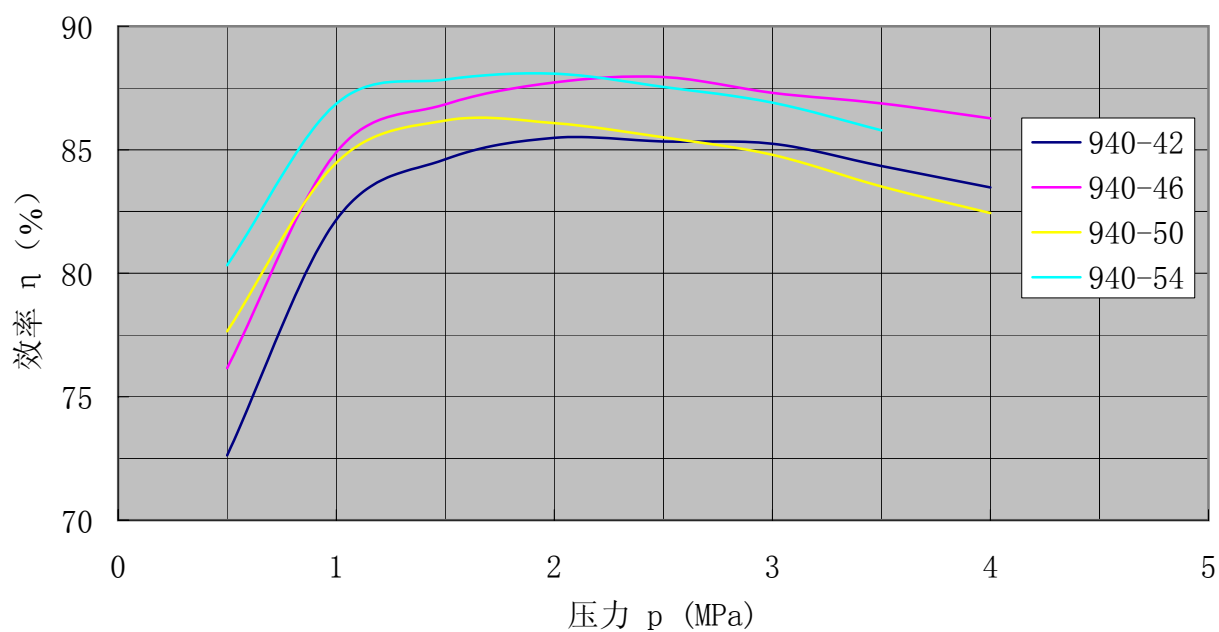
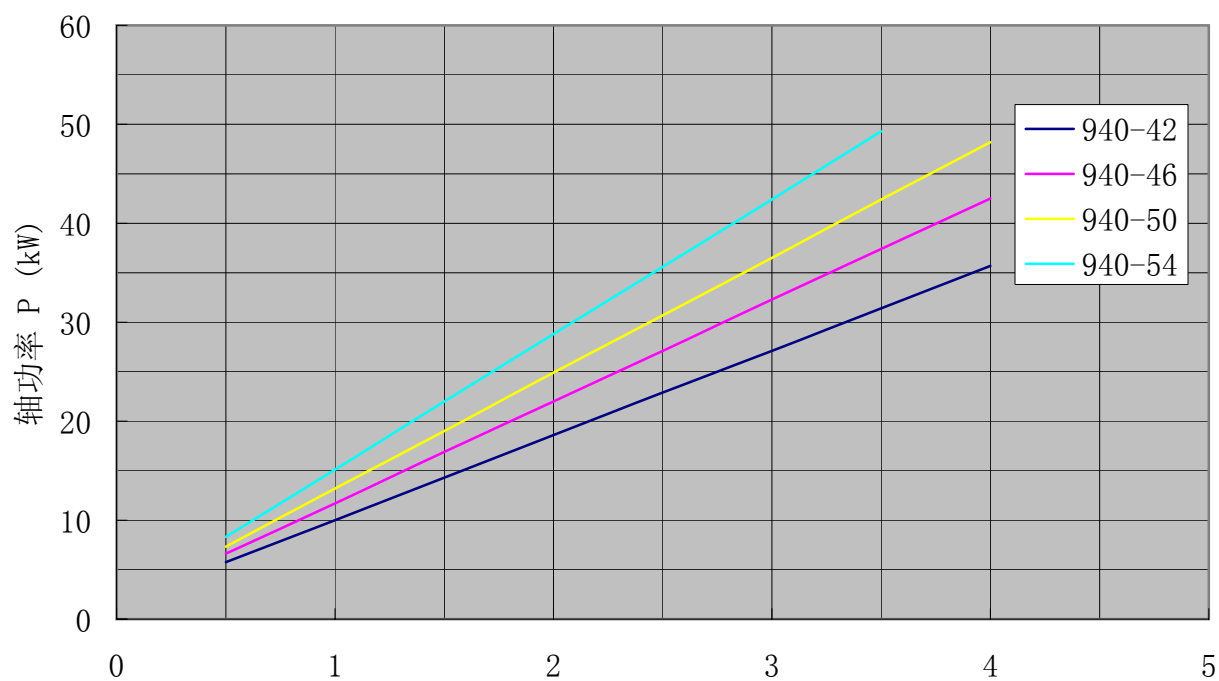
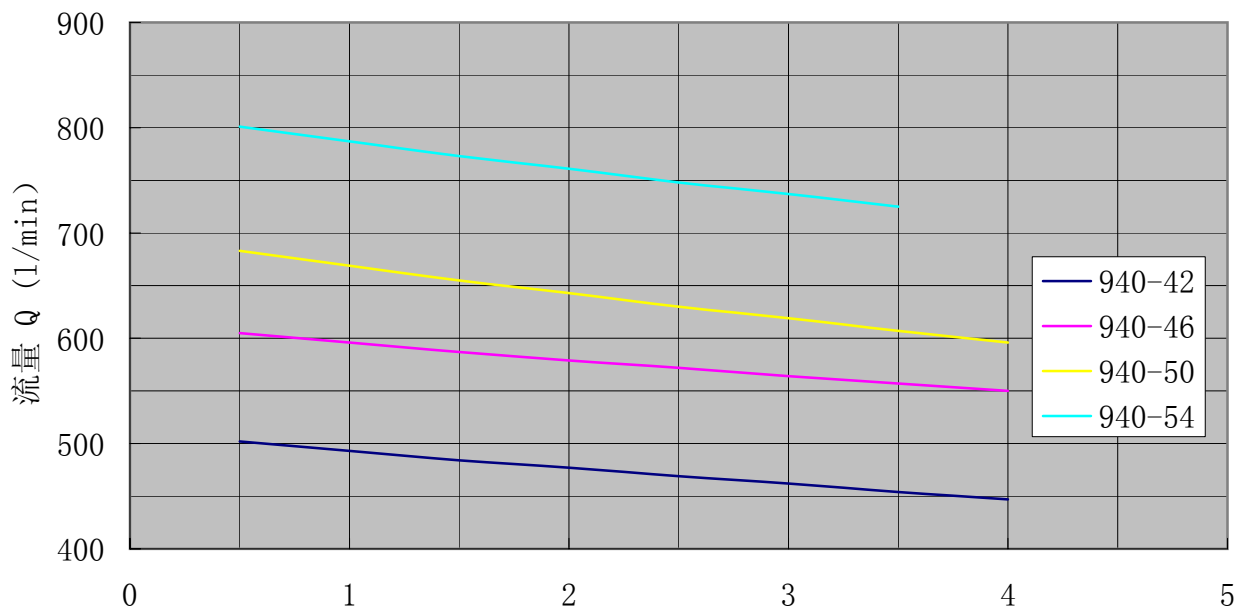
SN440性能曲线 转速:950r/min 粘度:75mm²/s



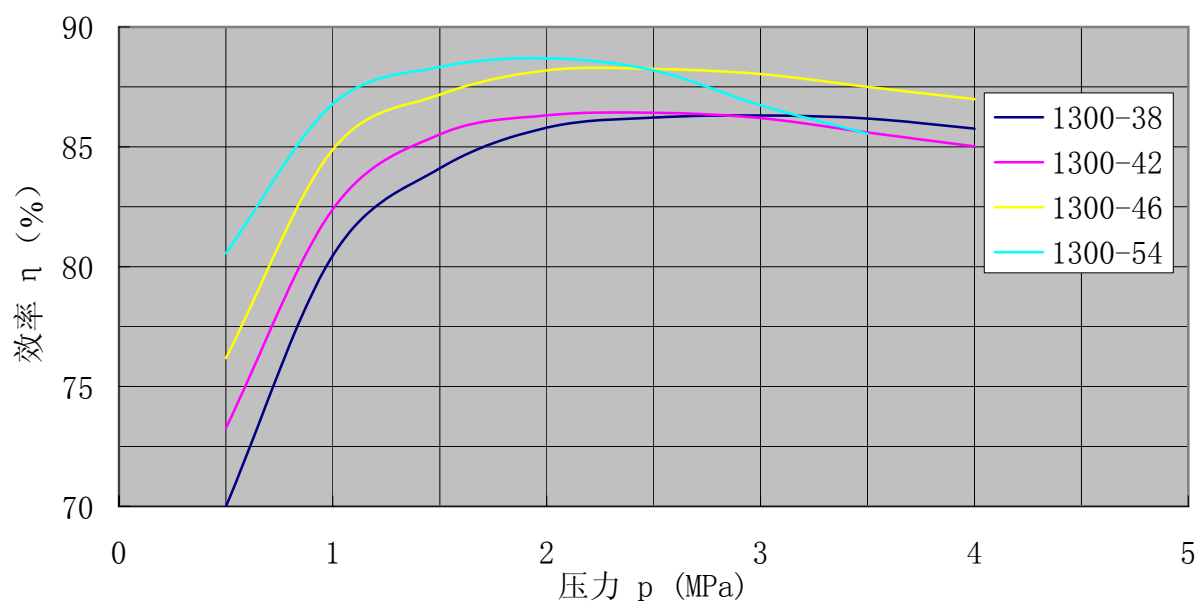
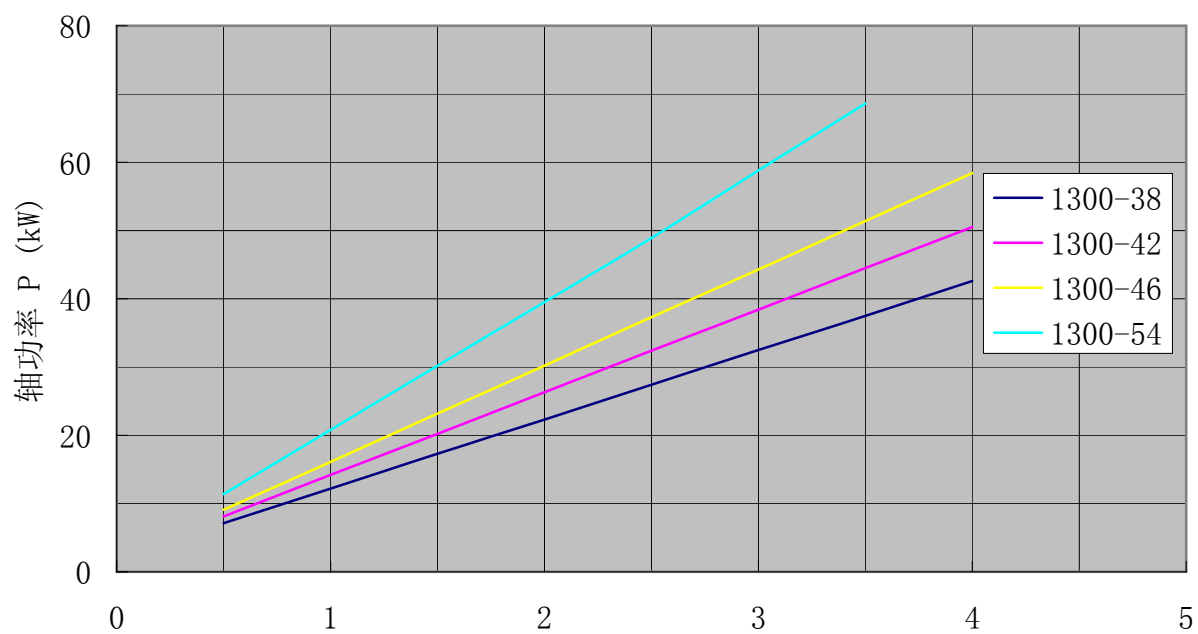
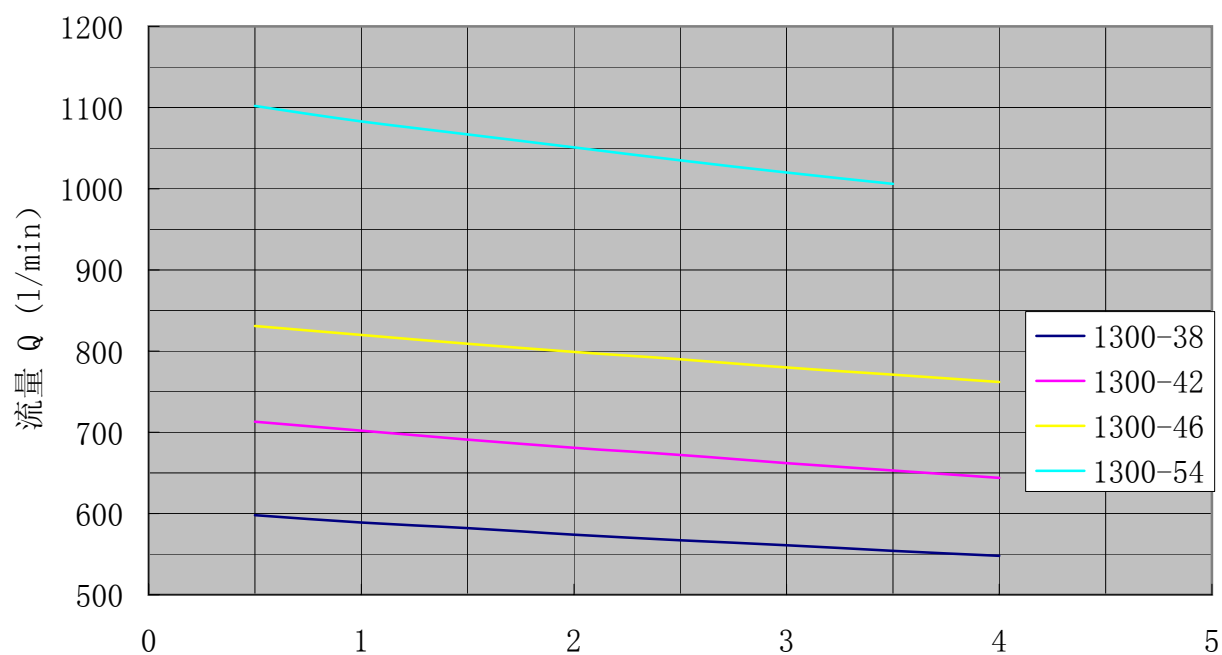
SN660性能曲线 转速:950r/min 粘度:75mm²/s



SN940性能曲线 转速:950r/min 粘度:75mm²/s



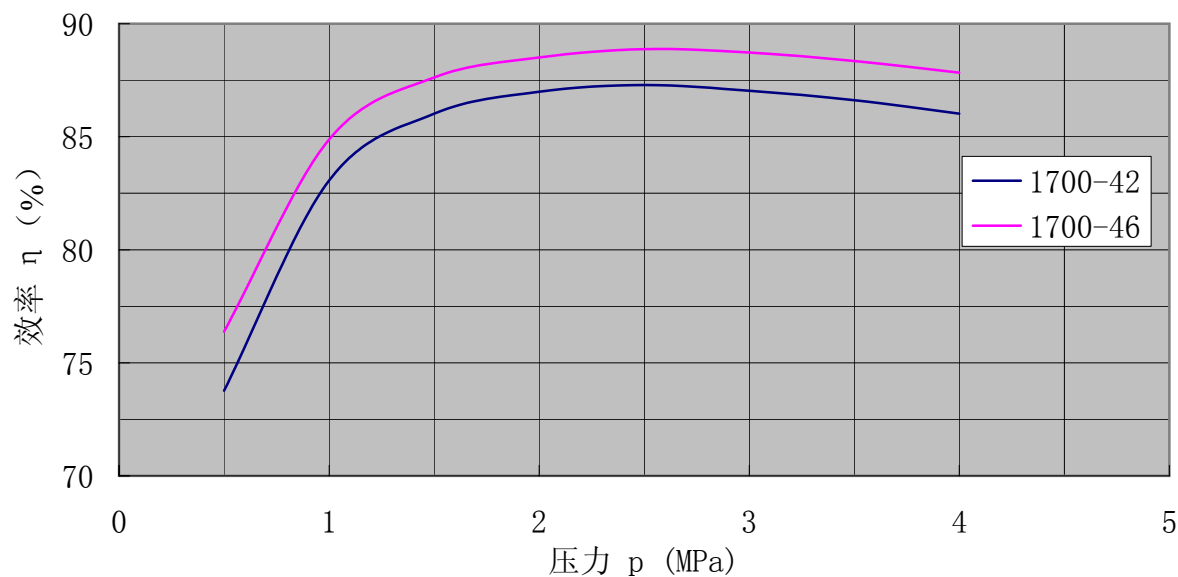
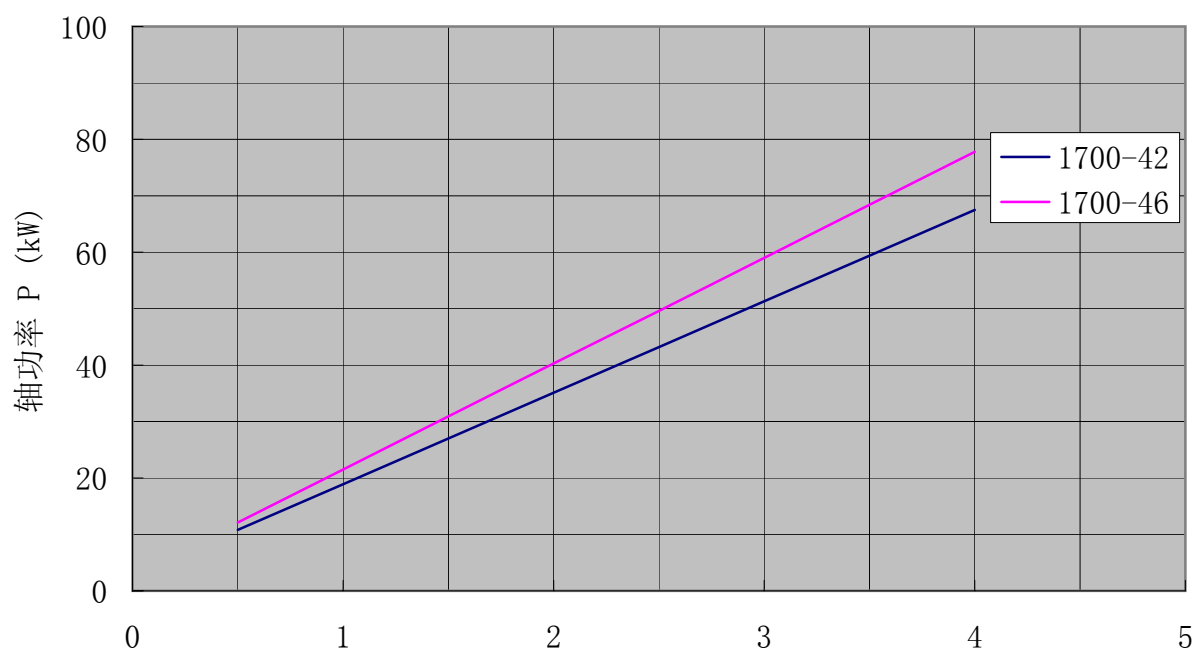
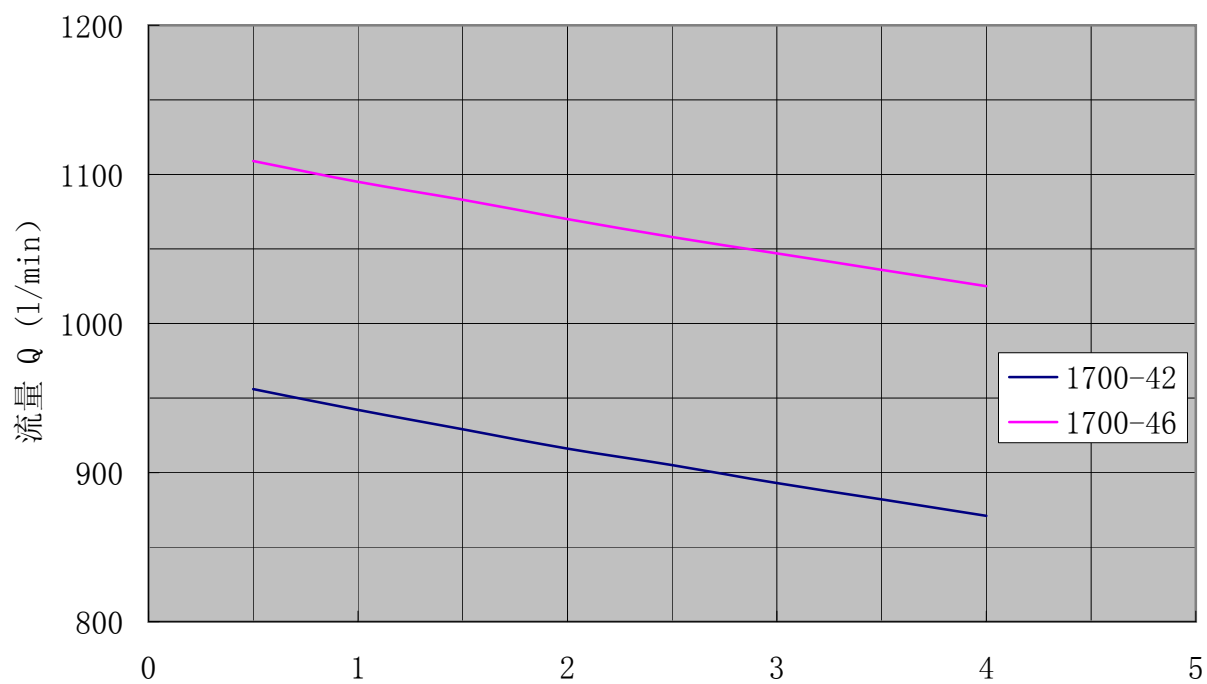
SN1300性能曲线 转速:950r/min 粘度:75mm²/s



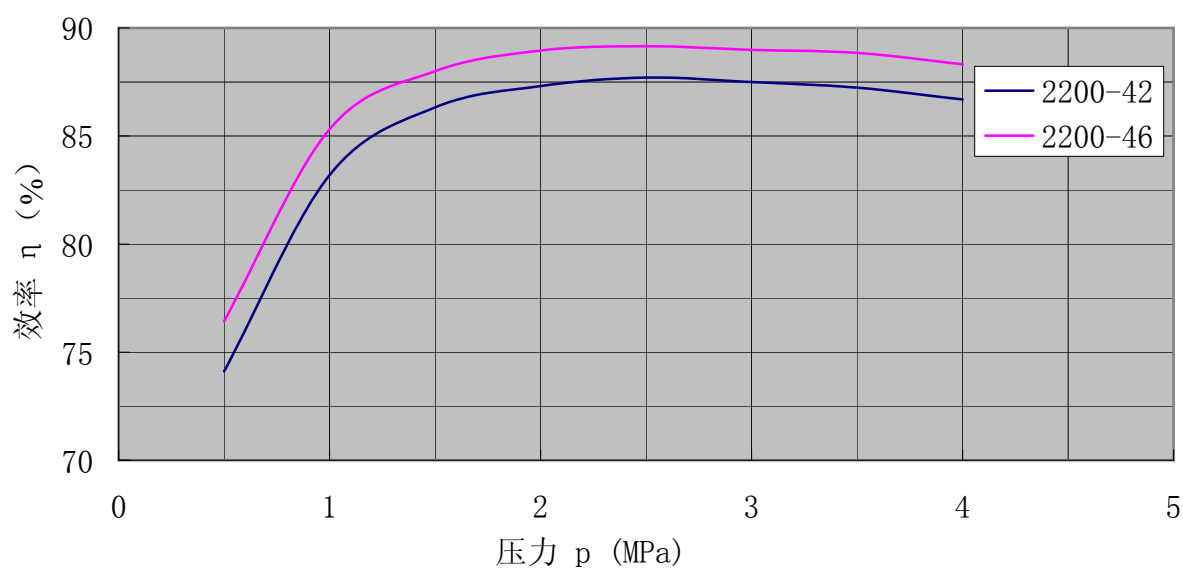
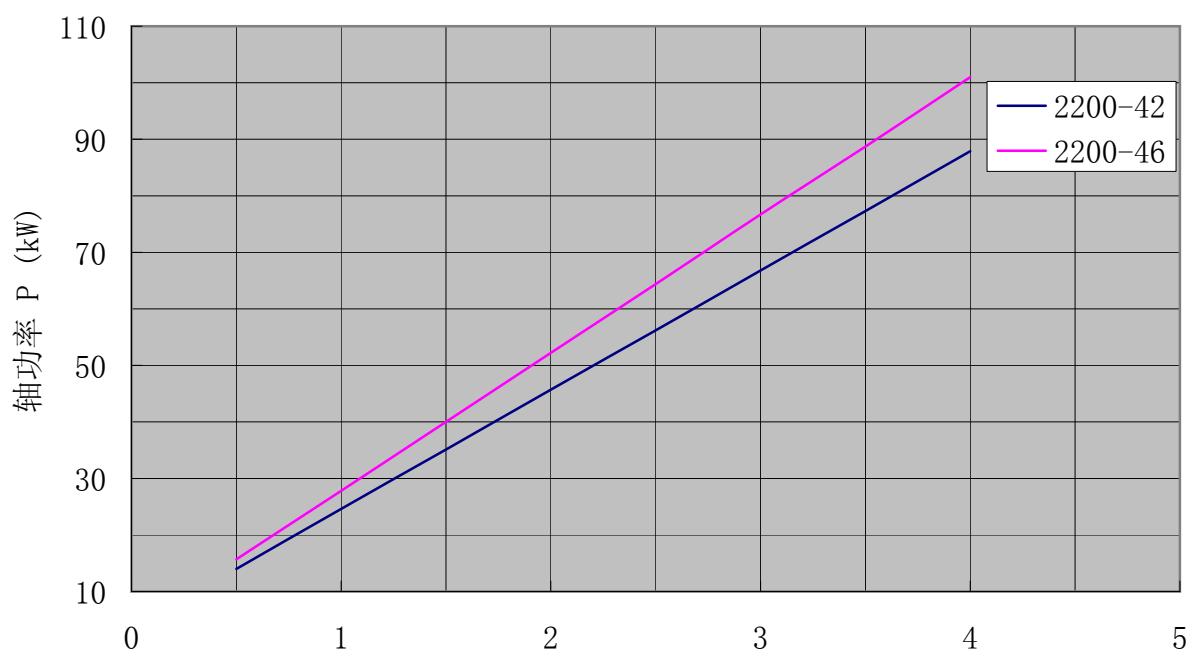
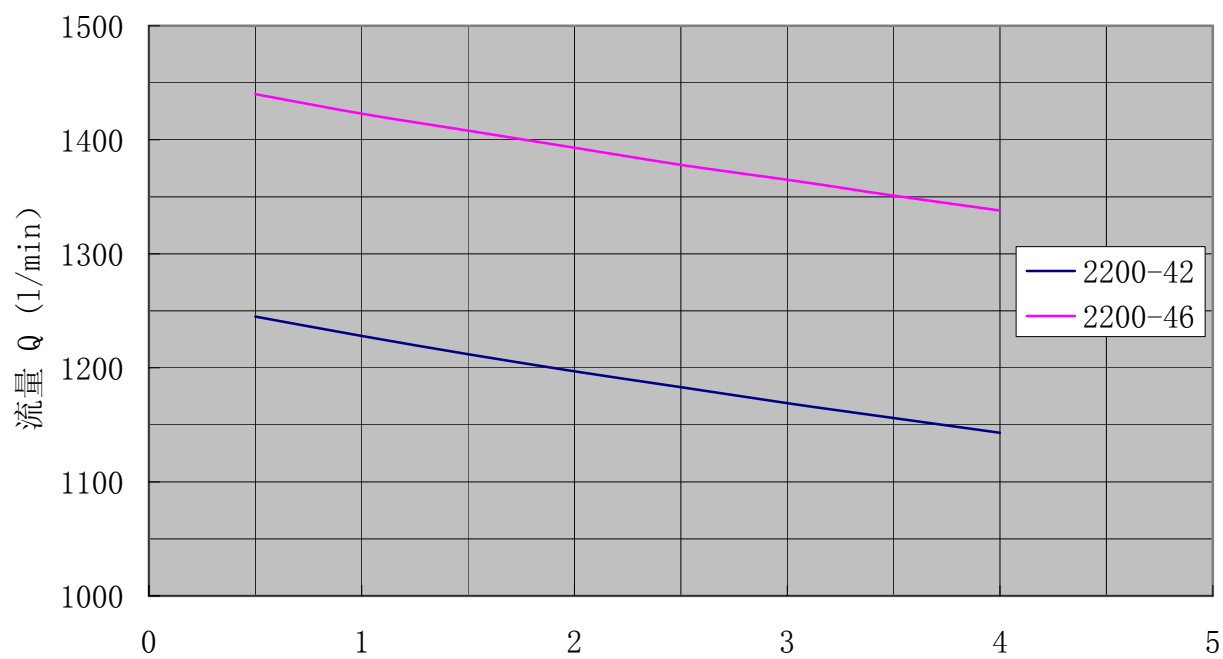
SN1700性能曲线

转速:950r/min

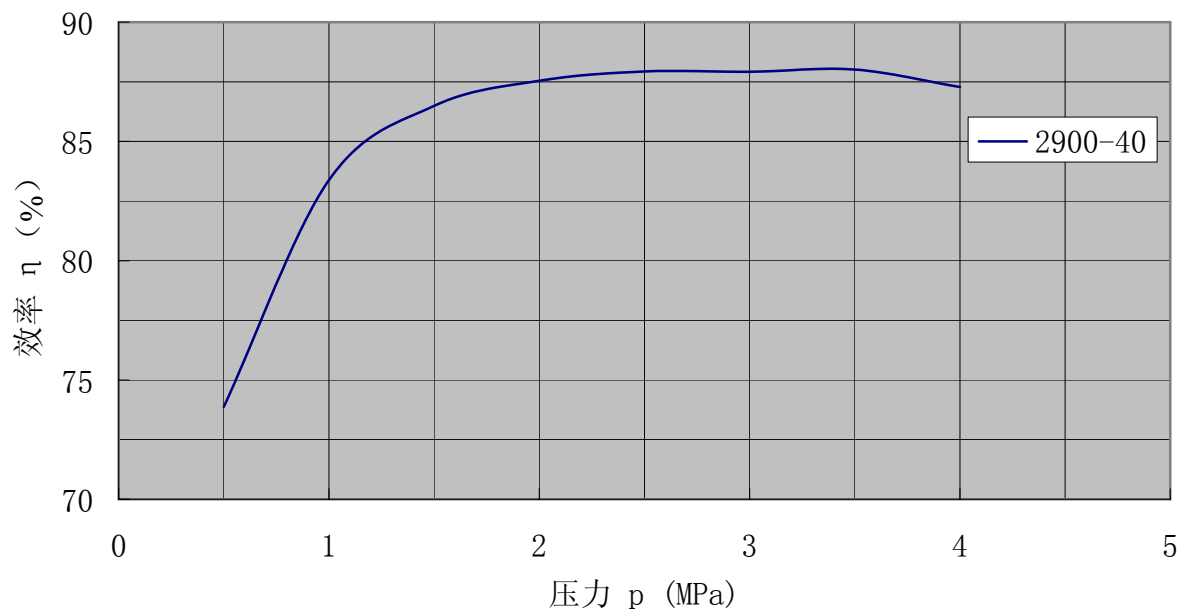
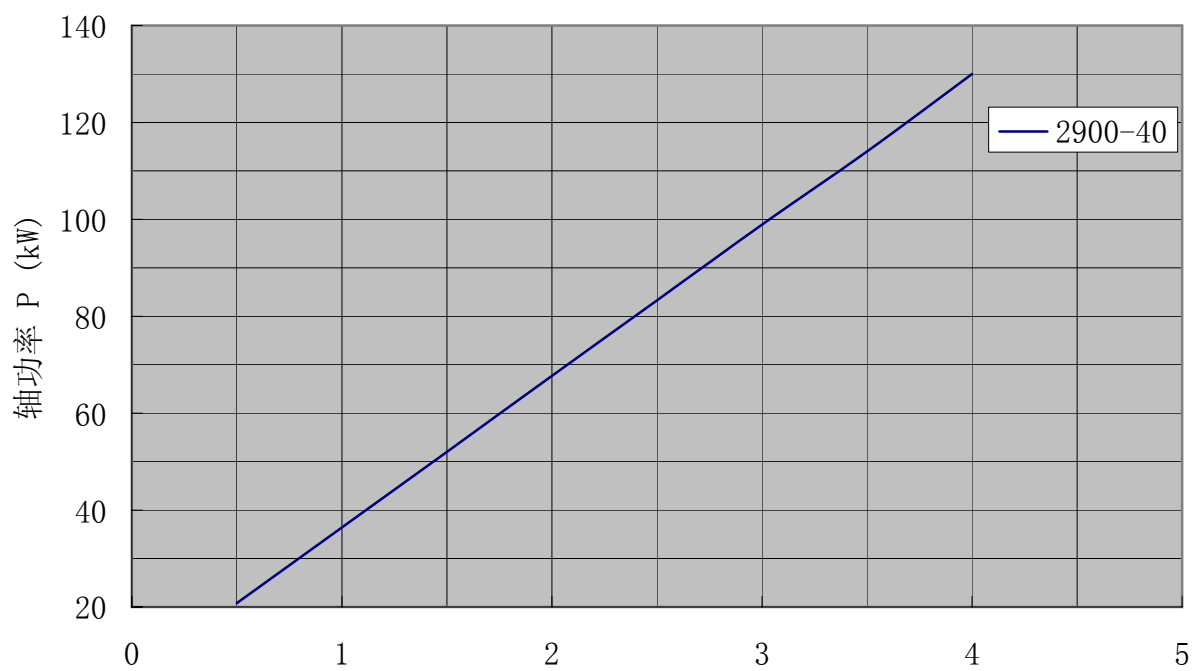
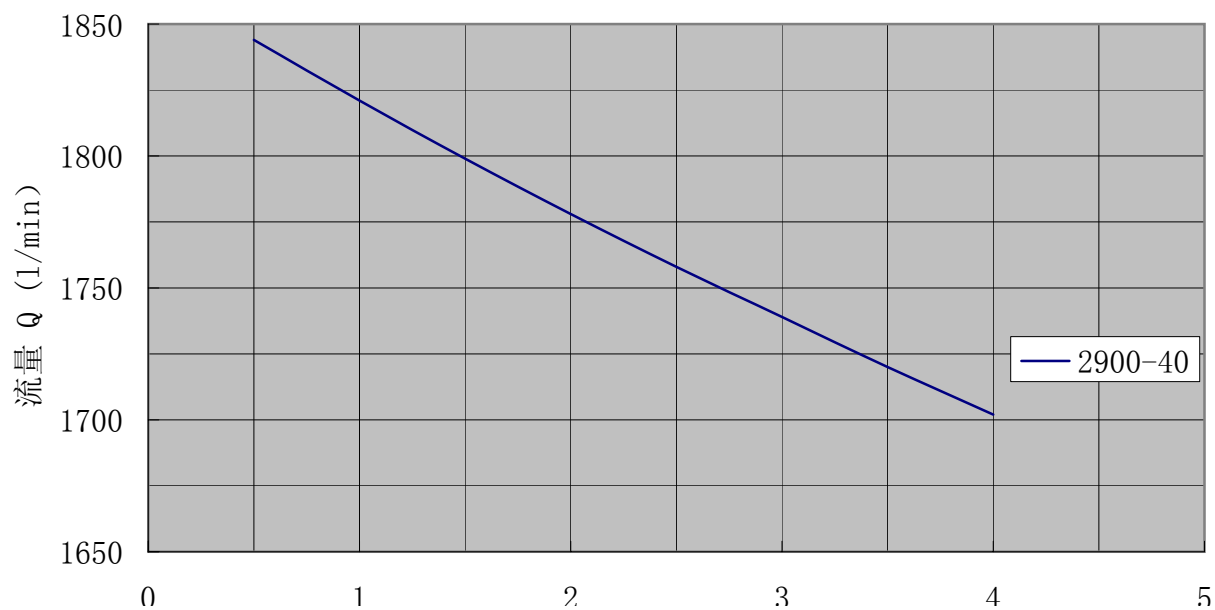
粘度:75mm²/s



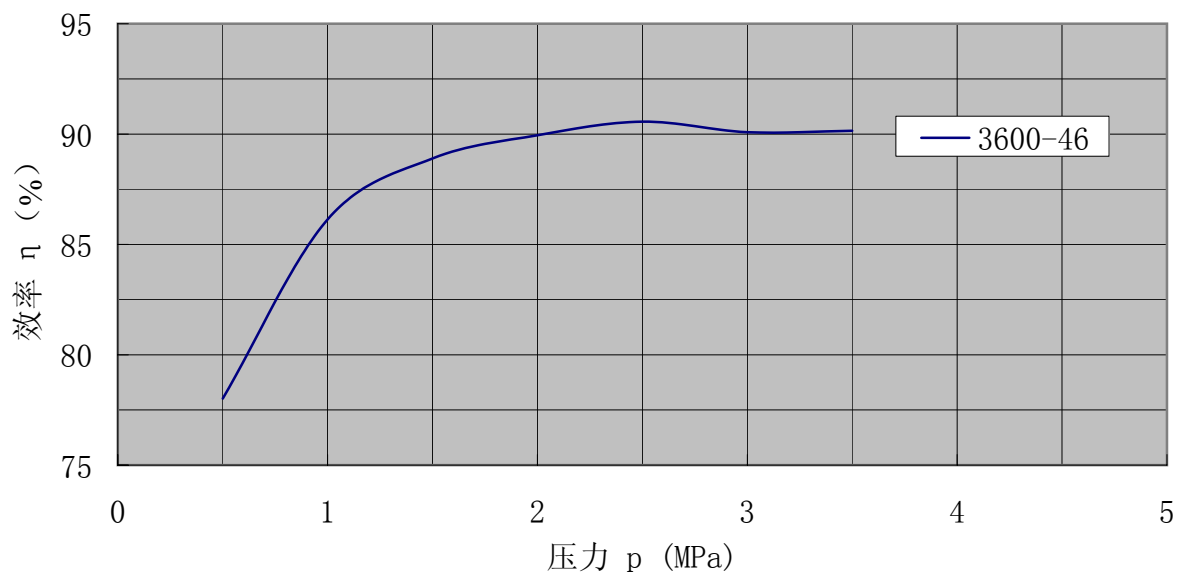
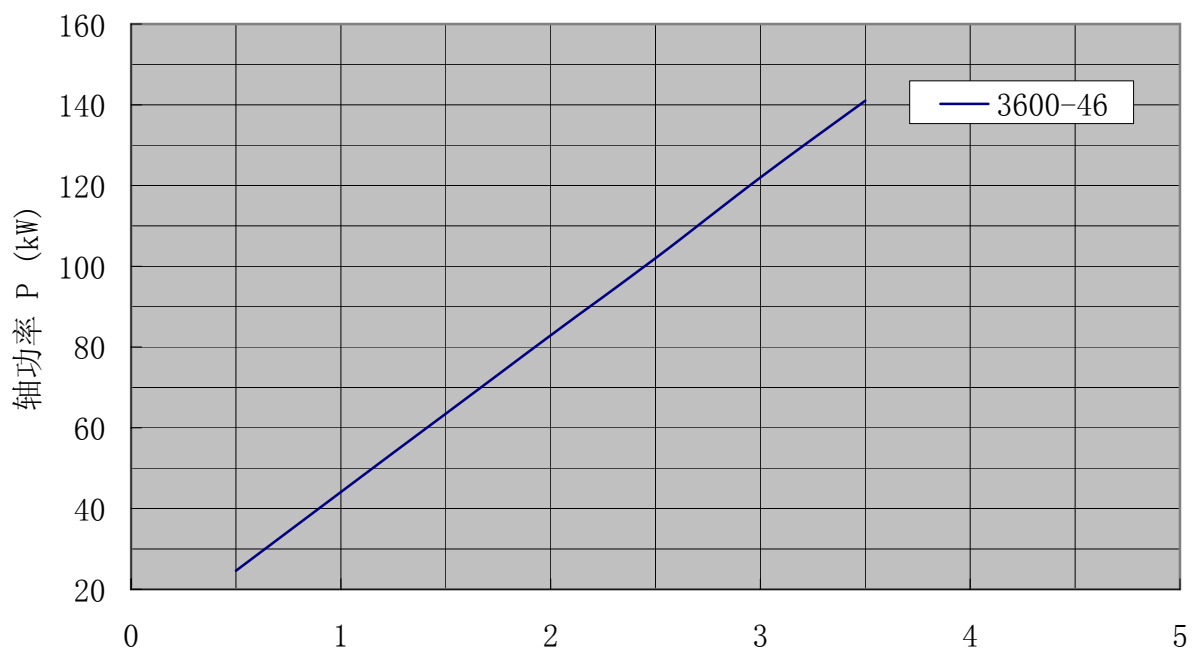
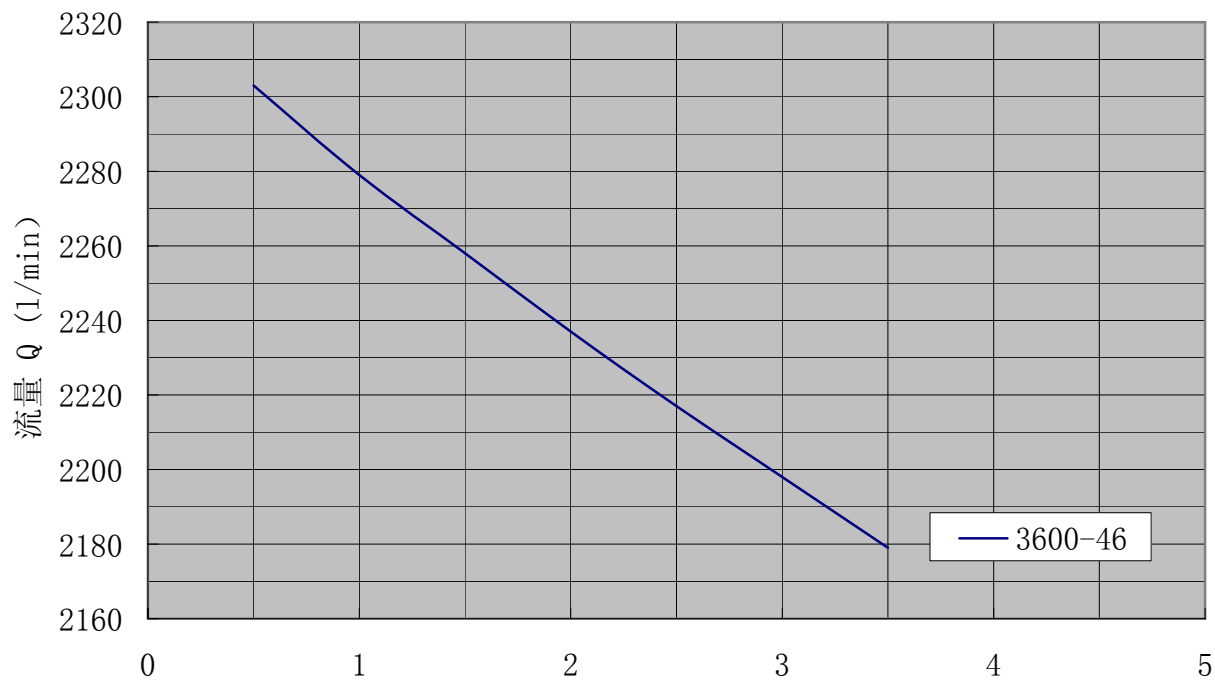
SN2200 性能曲线 转速:950r/min 粘度:75mm²/s



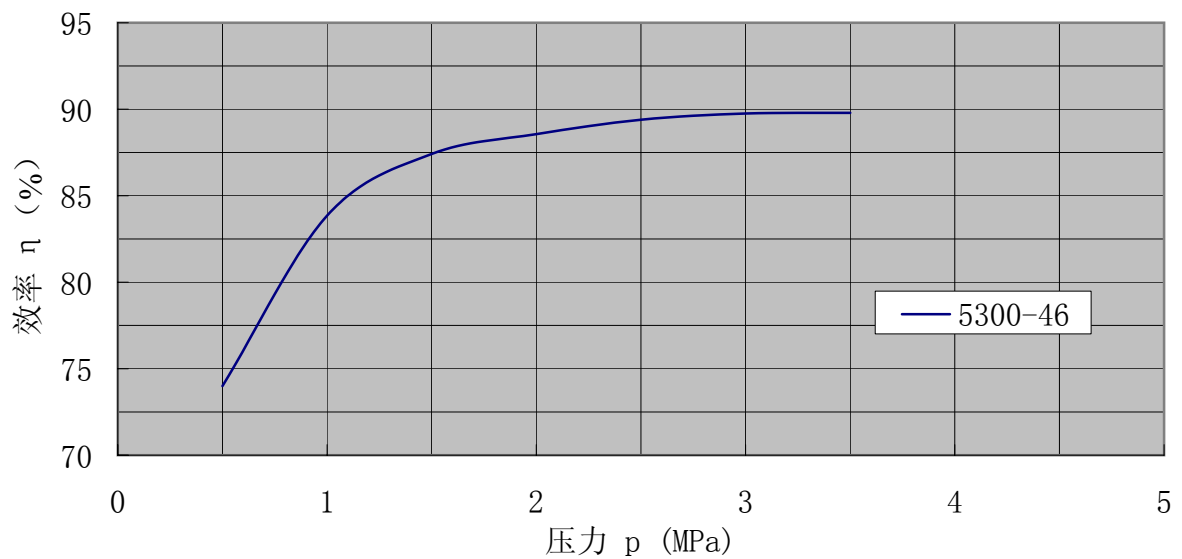
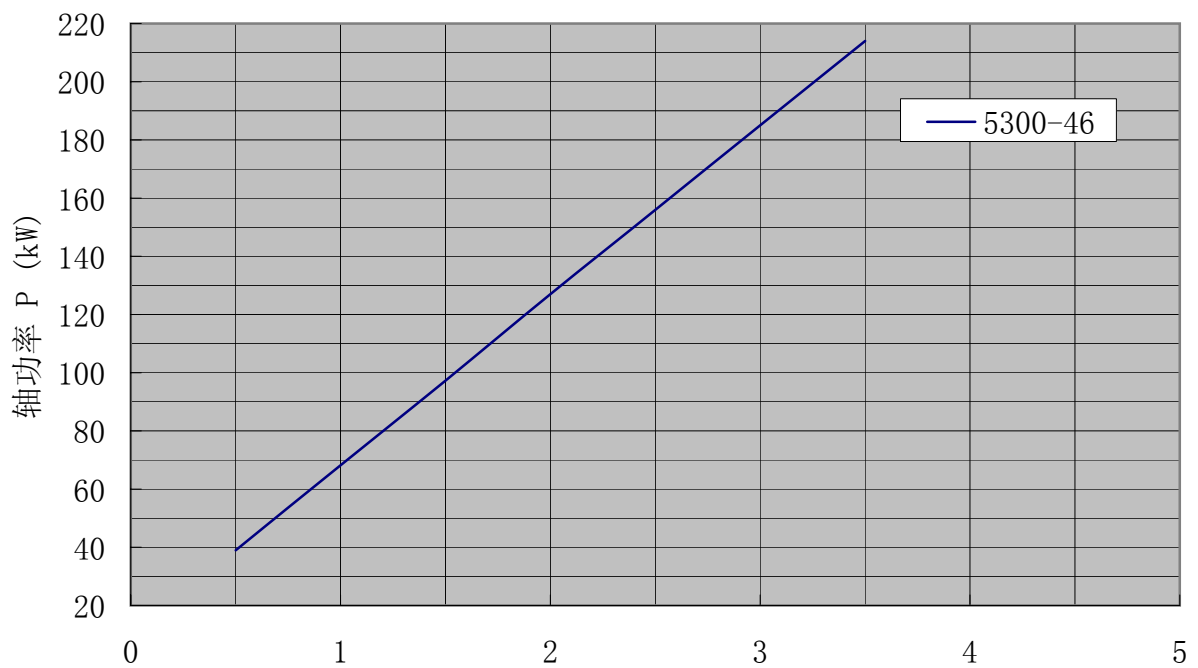
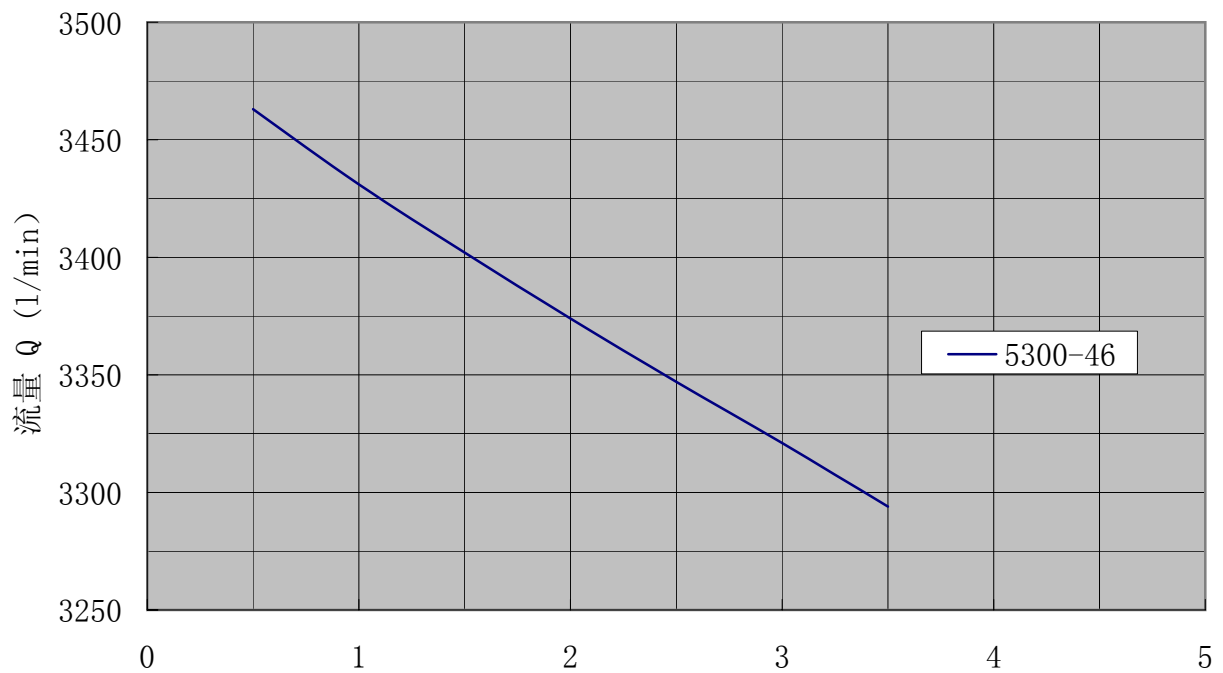
SN 2900性能曲线 转速:950r/min 粘度:75mm²/s



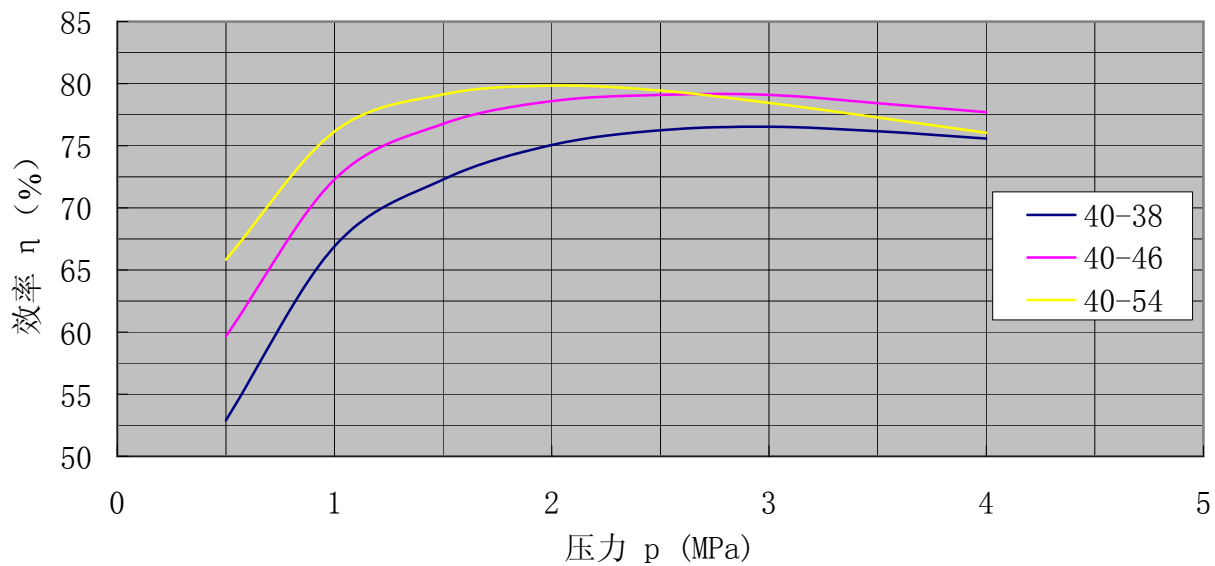
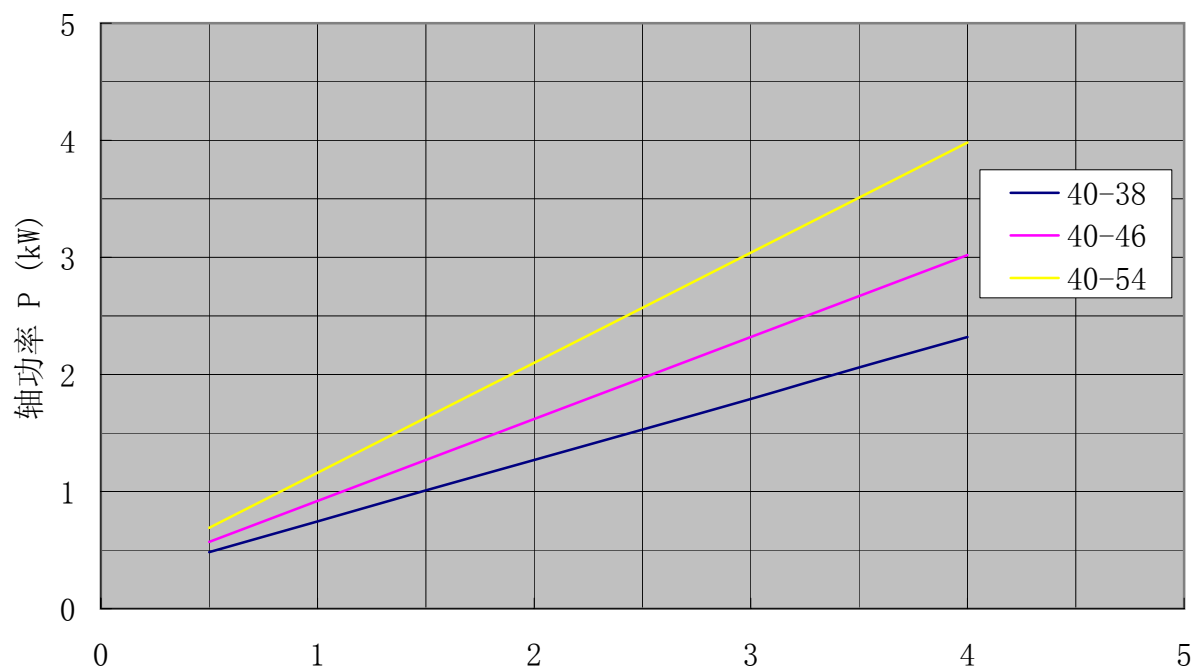
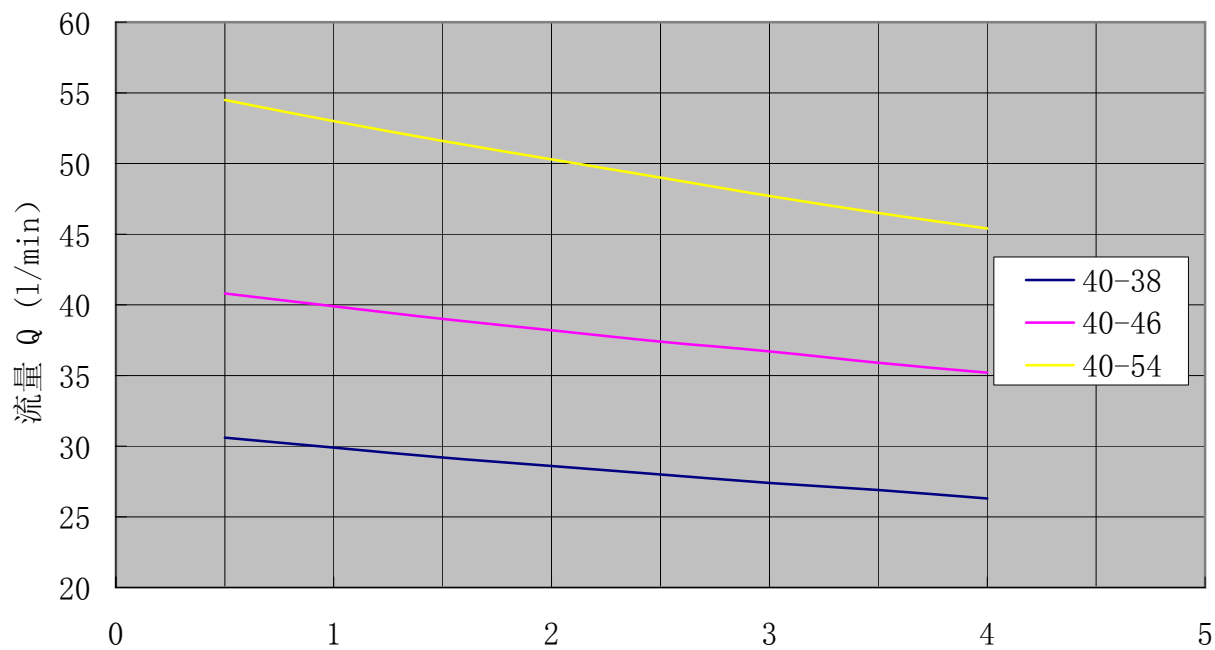
SN3600性能曲线 转速:950r/min 粘度:75mm²/s



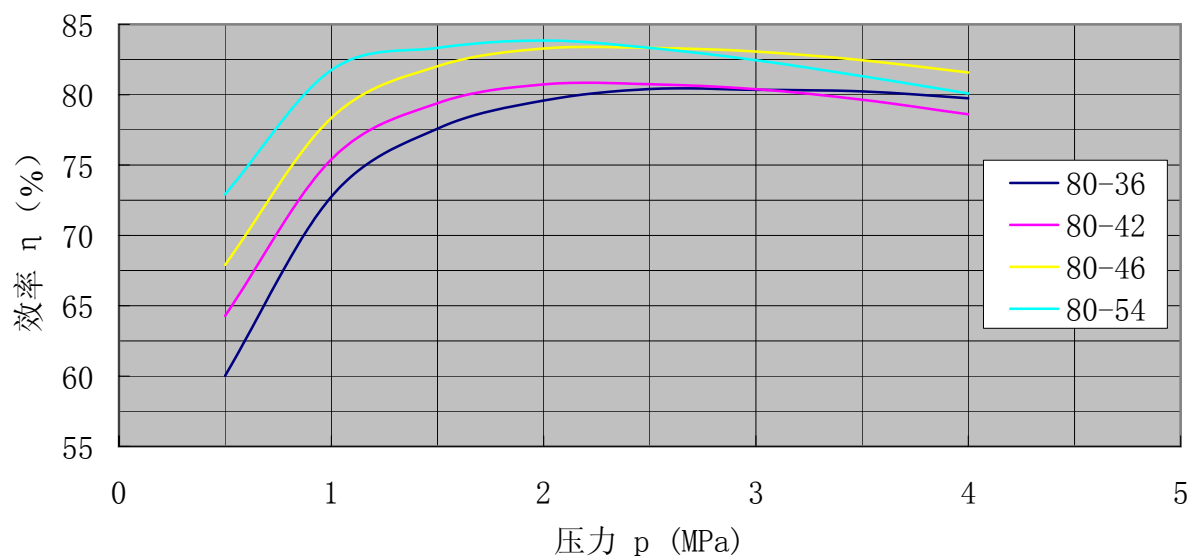
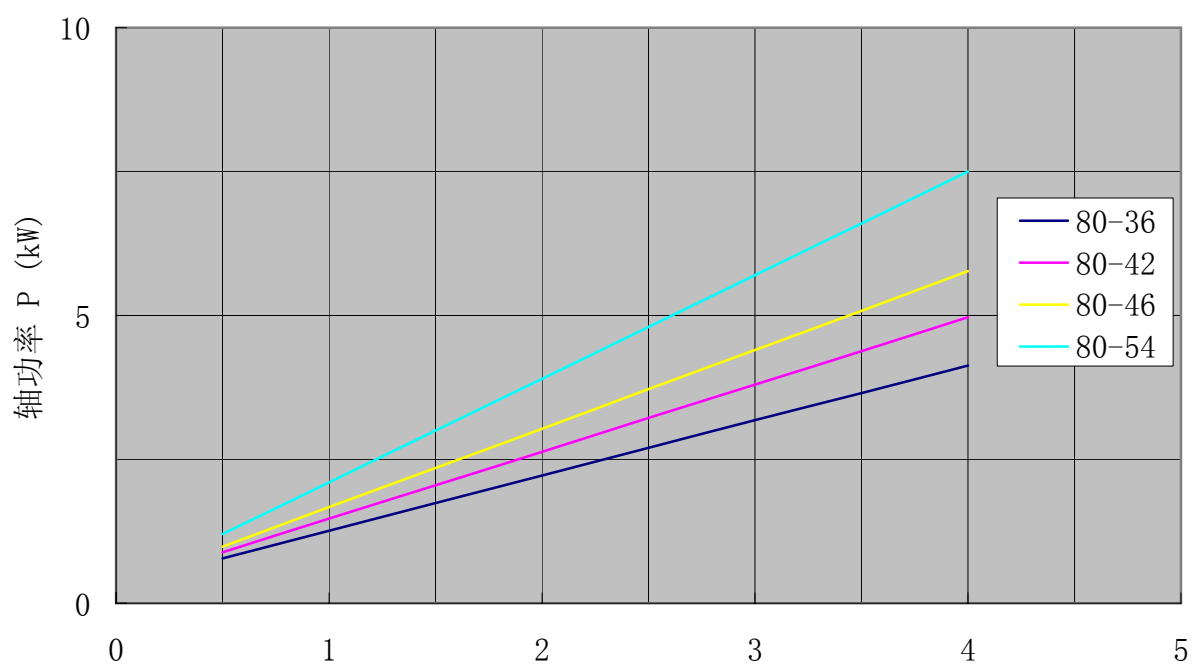
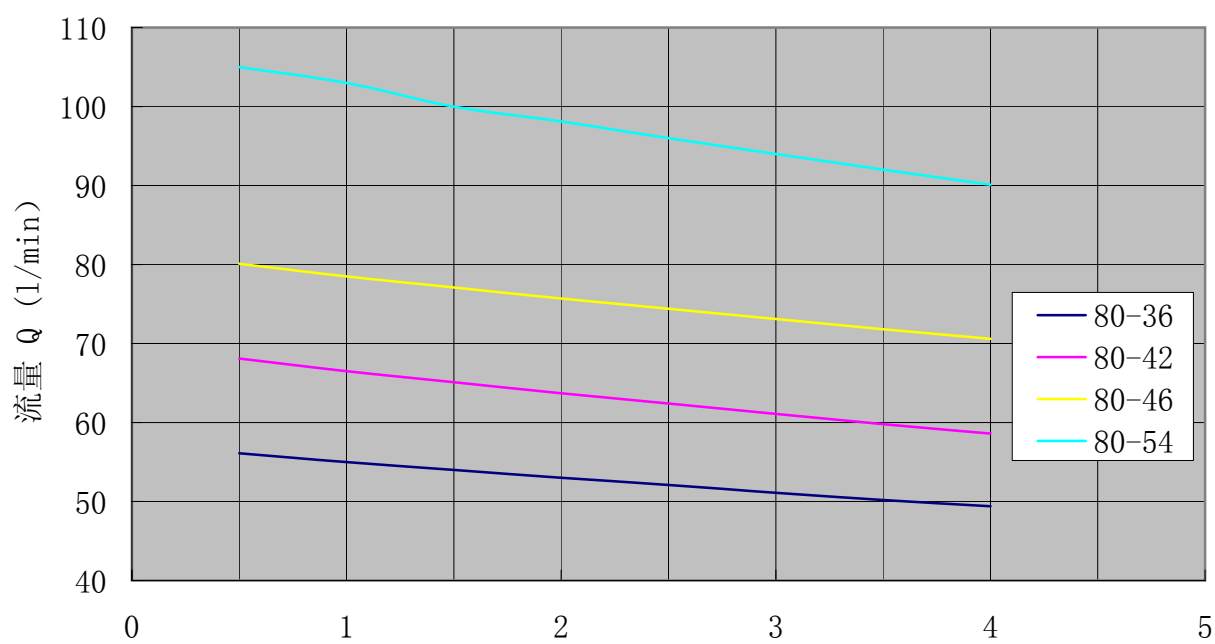
SN5300性能曲线 转速:950r/min 粘度:75mm²/s



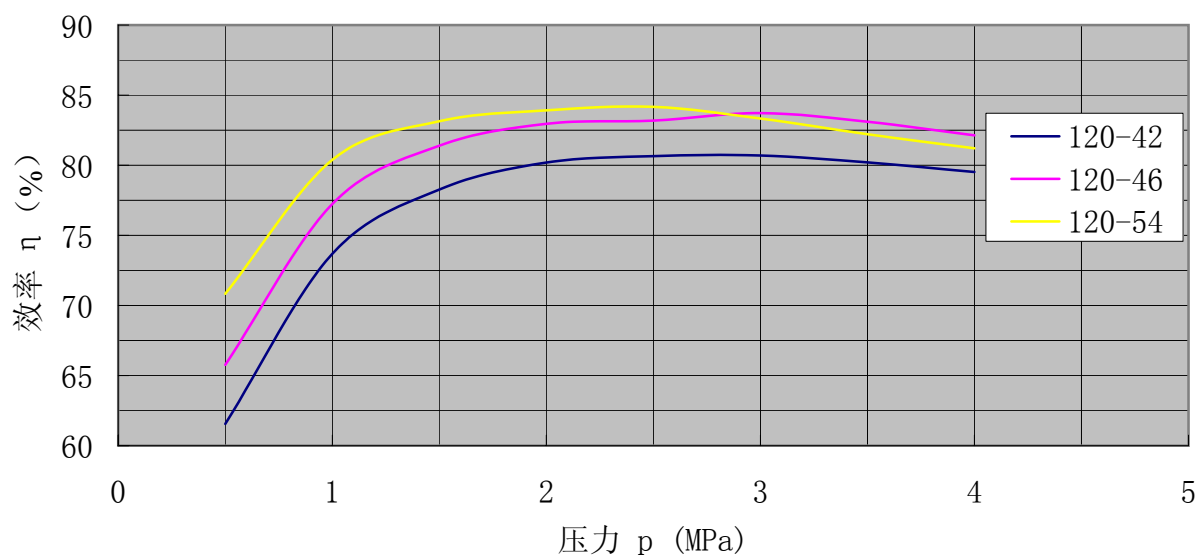
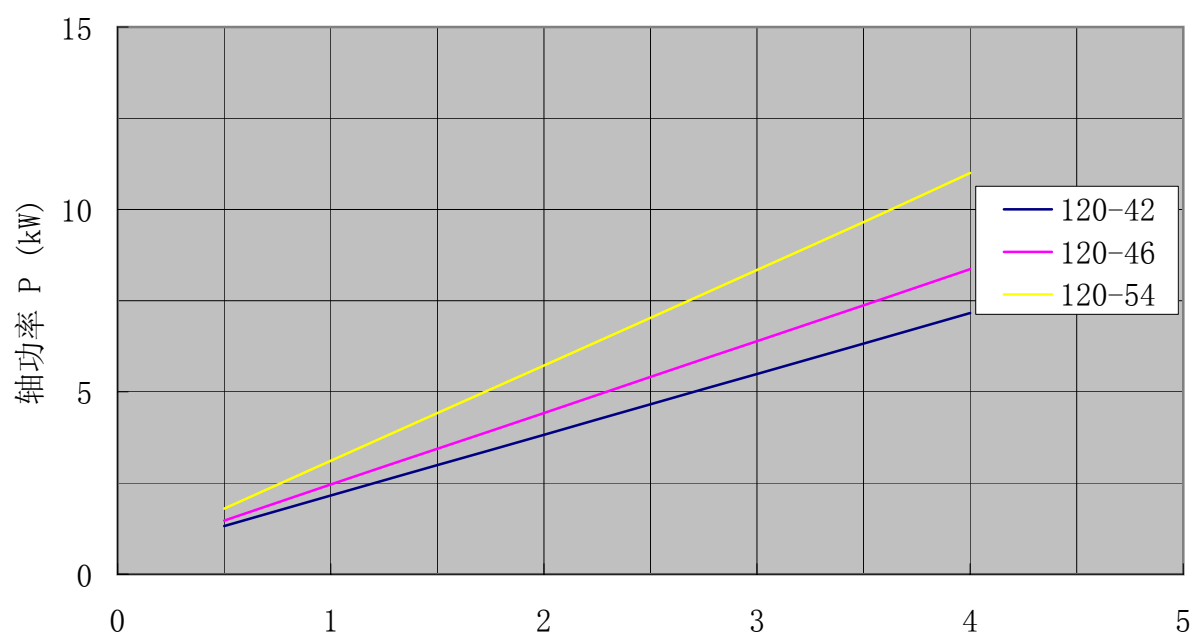
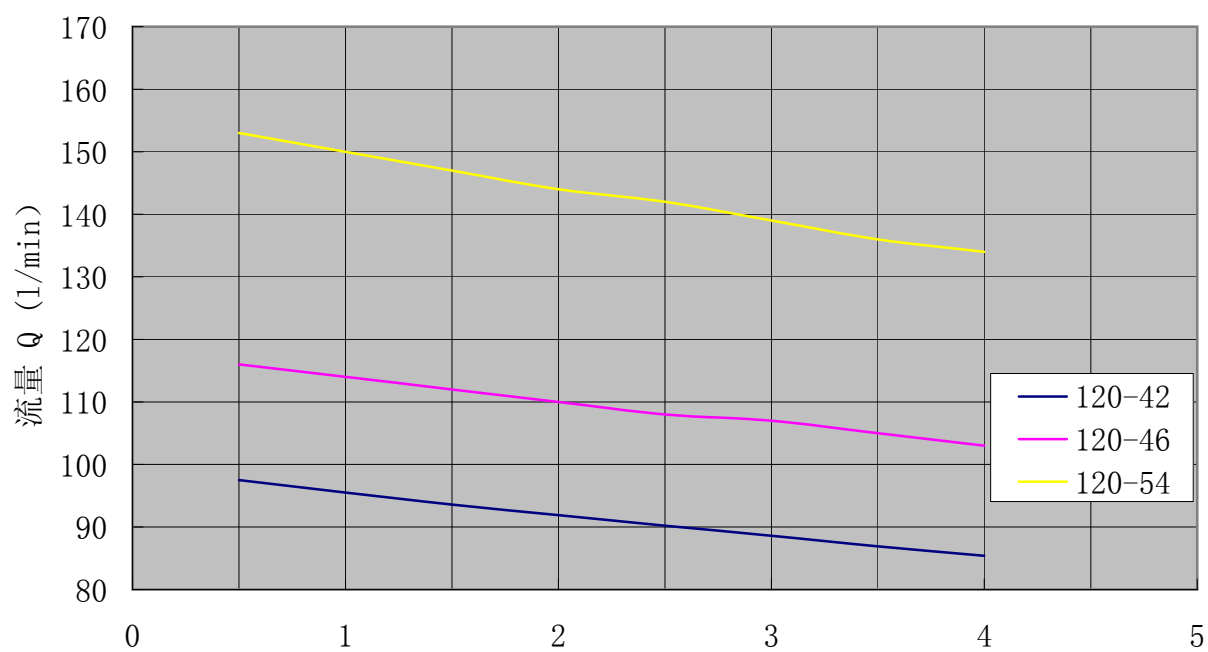
SN40性能曲线 转速:1450r/min 粘度:75mm²/s



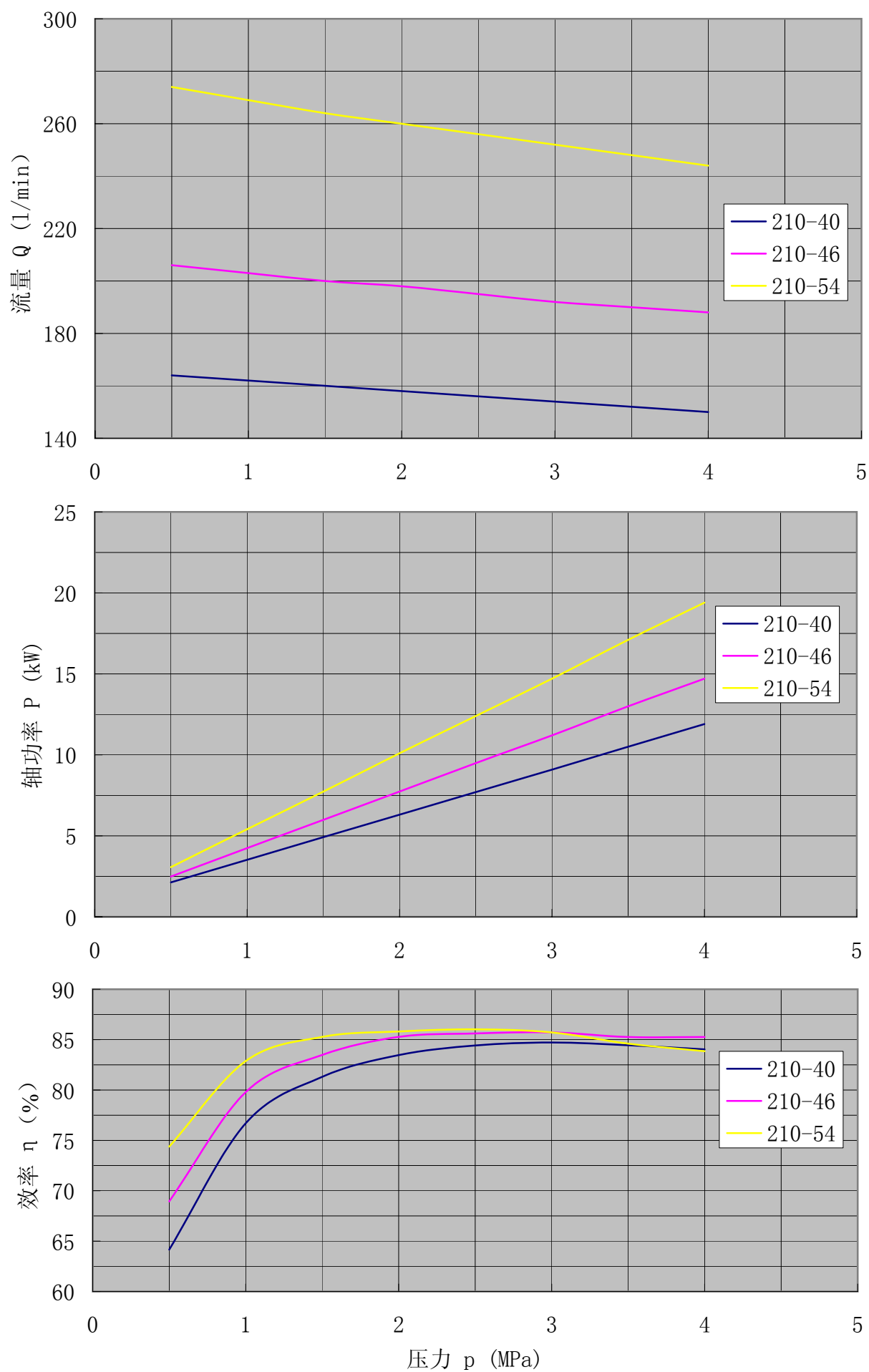
SN80性能曲线 转速:1450r/min 粘度:75mm²/s



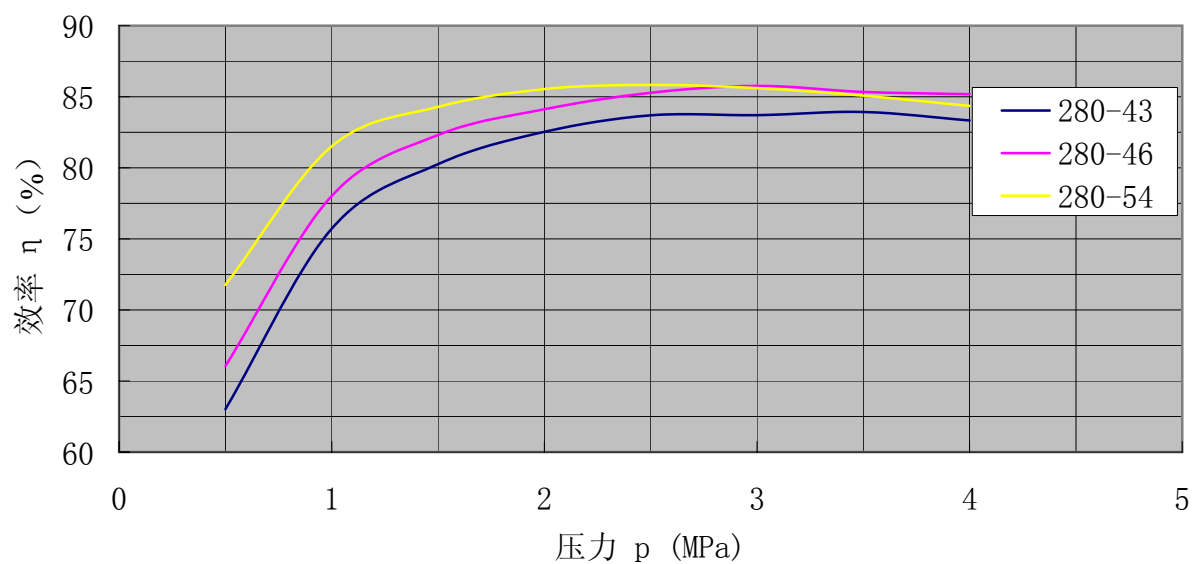
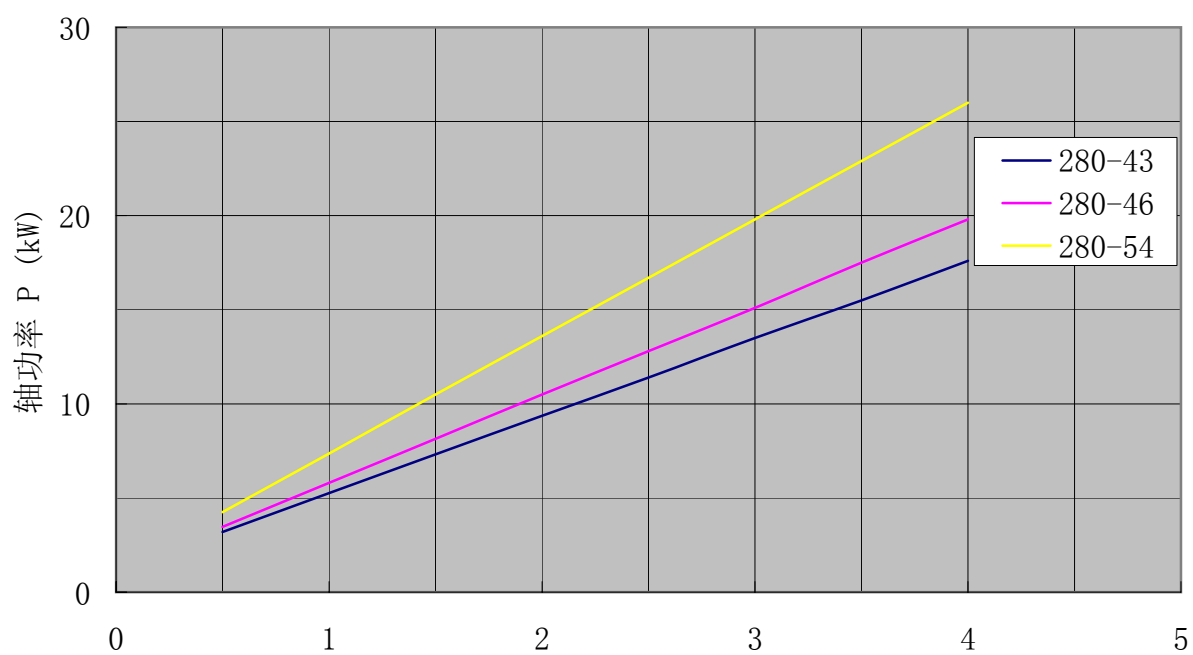
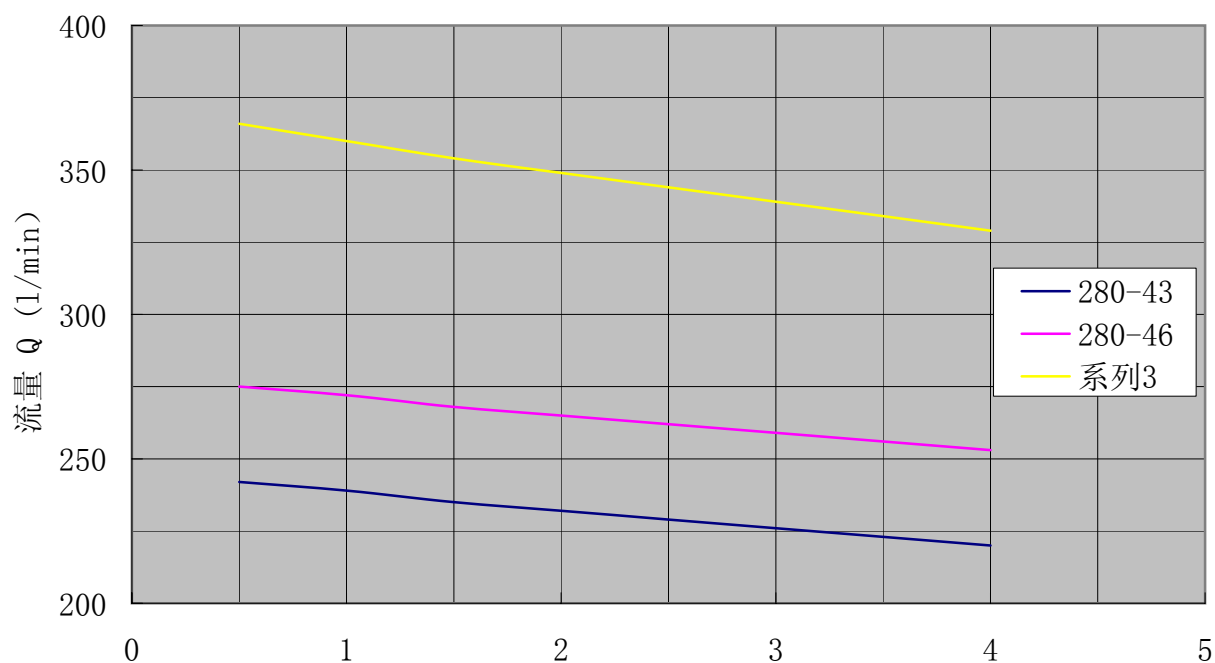
SN120性能曲线 转速:1450r/min 粘度:75mm²/s



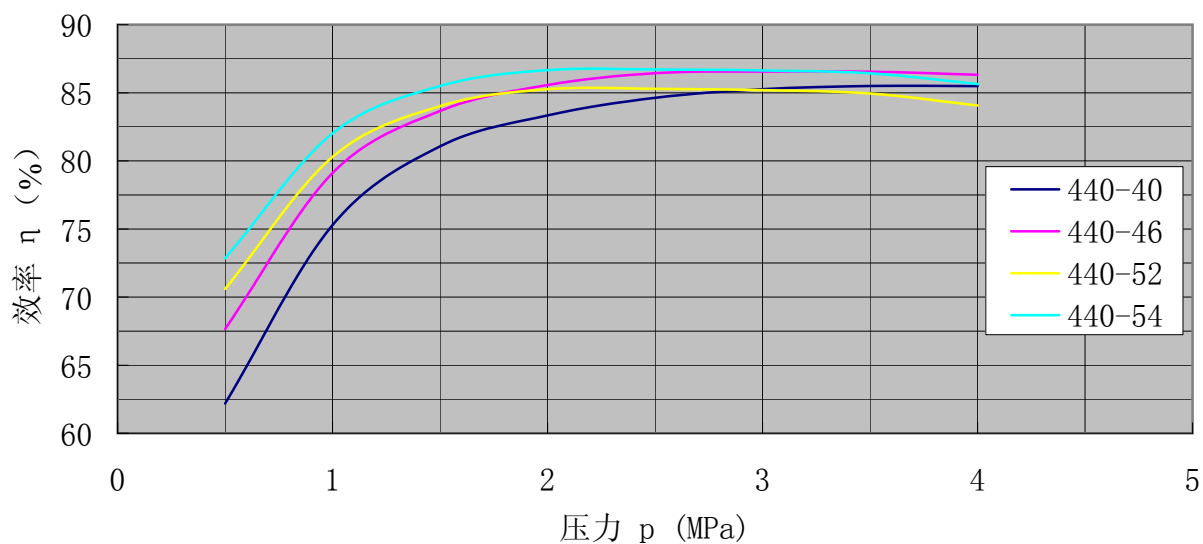
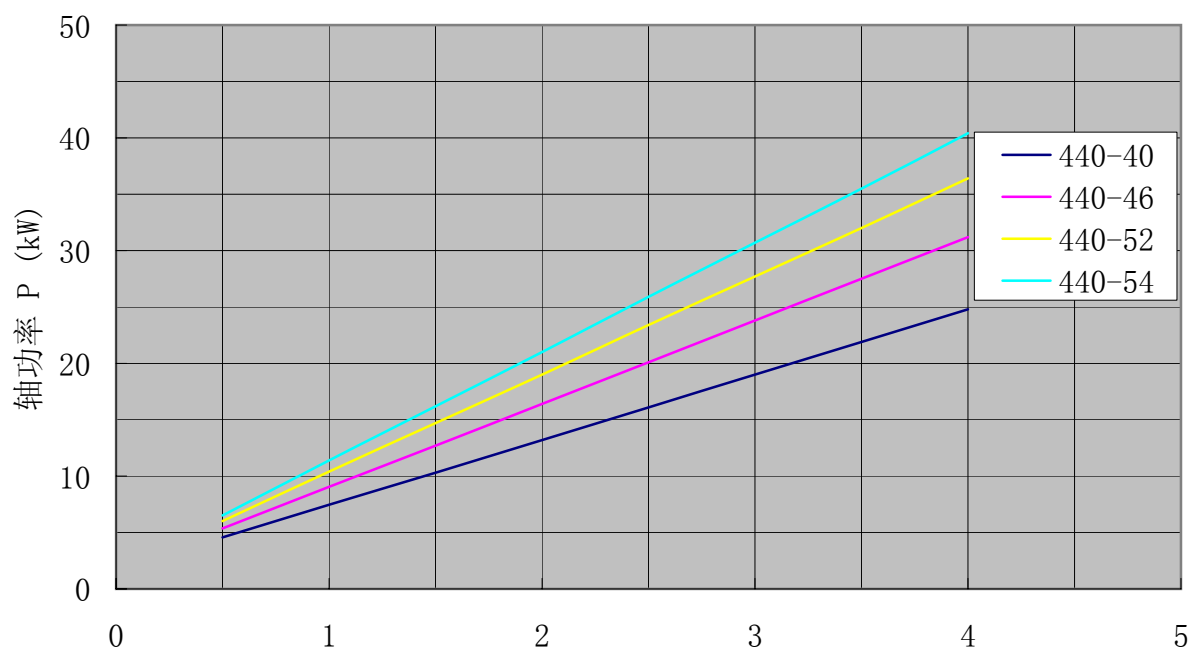
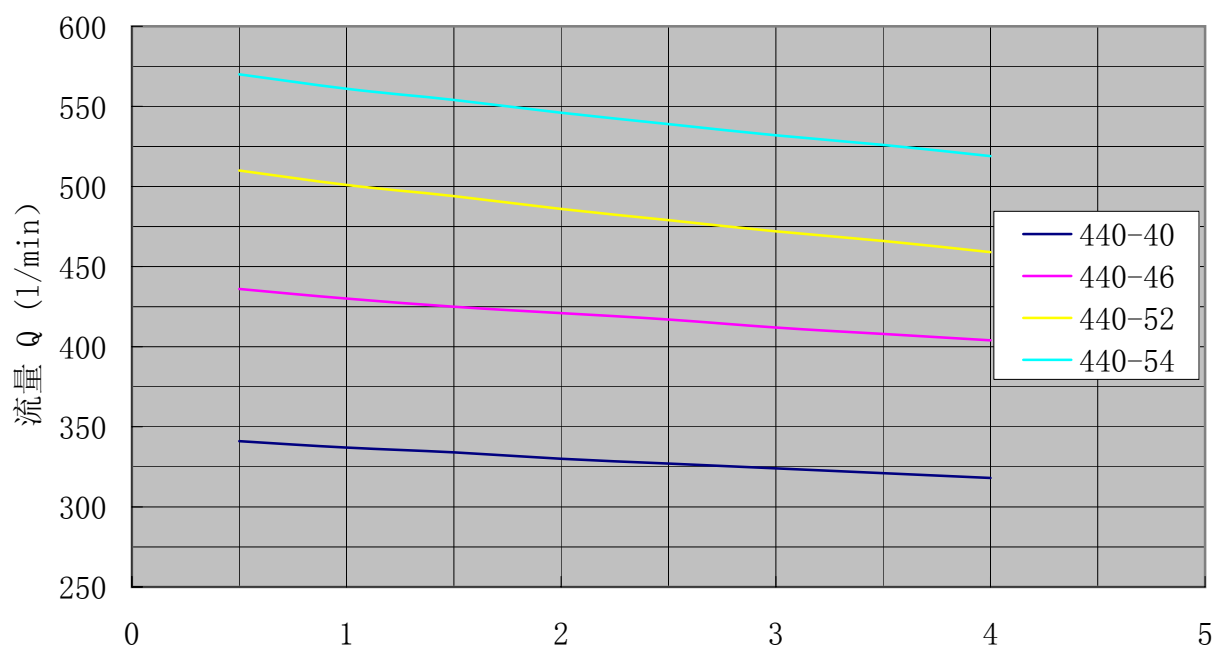
SN210性能曲线 转速:1450r/min 粘度:75mm²/s



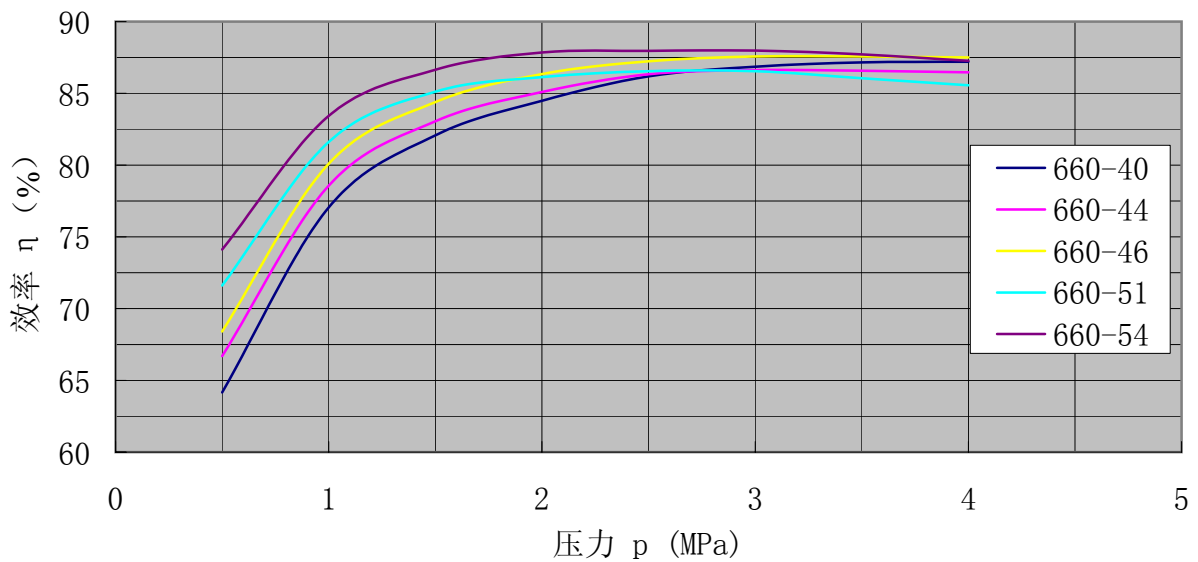
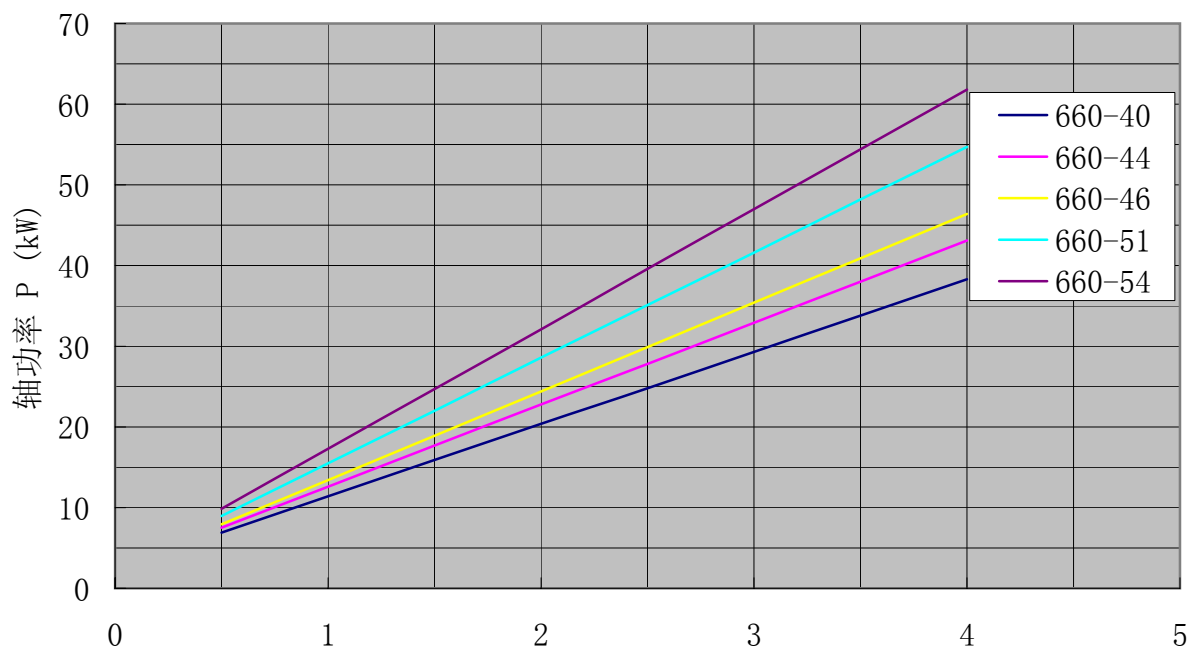
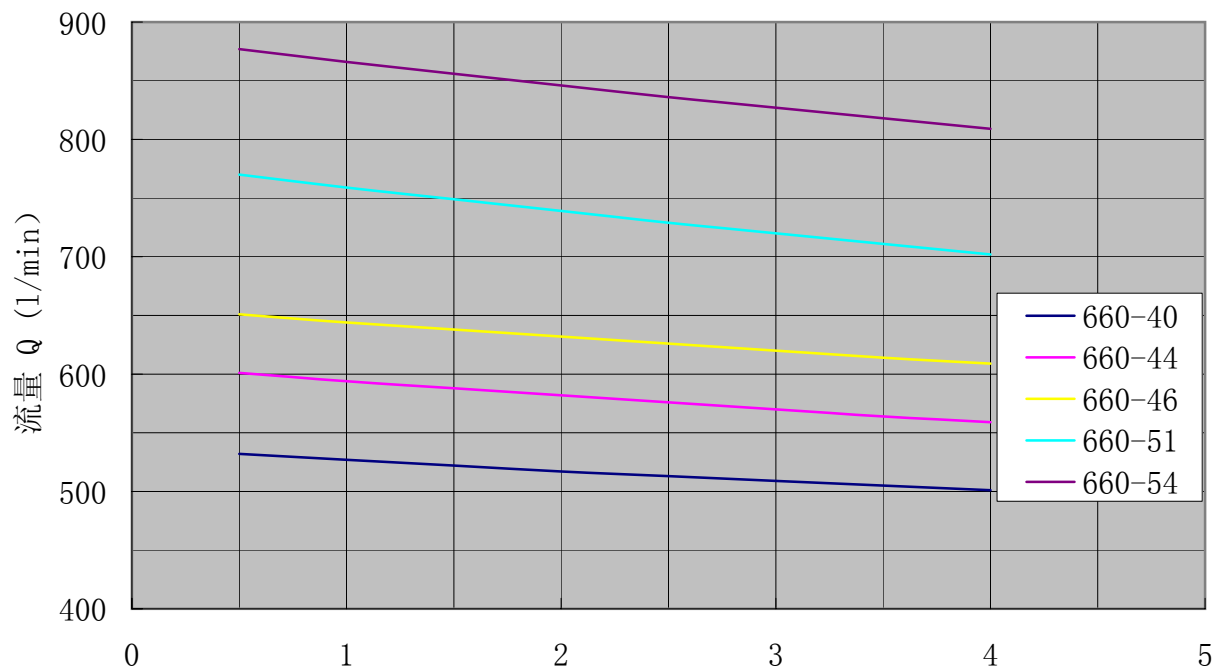
SN280性能曲线 转速:1450r/min 粘度:75mm²/s



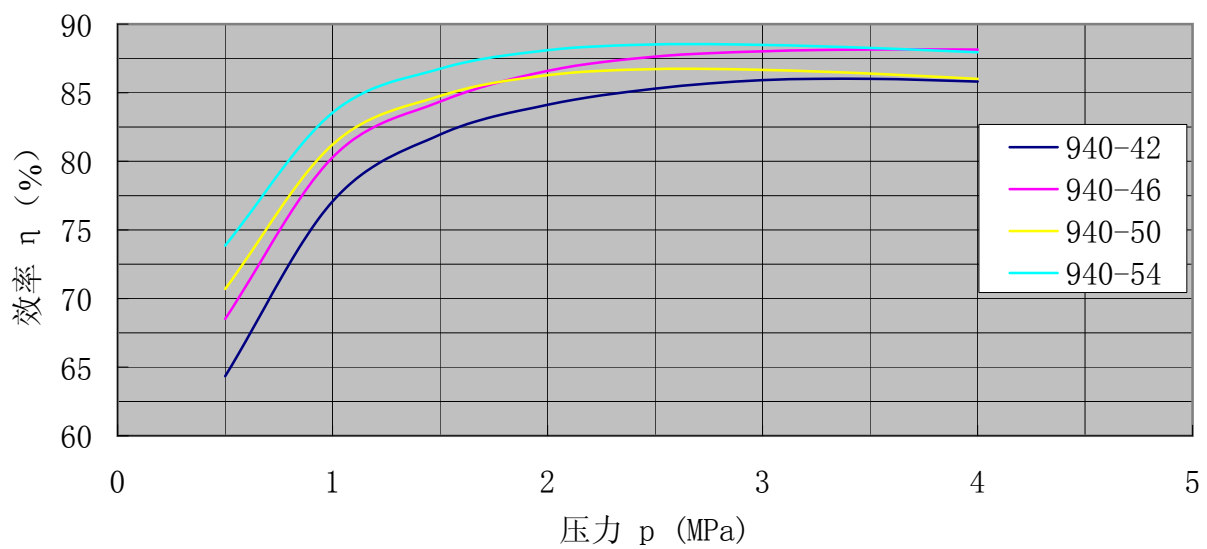
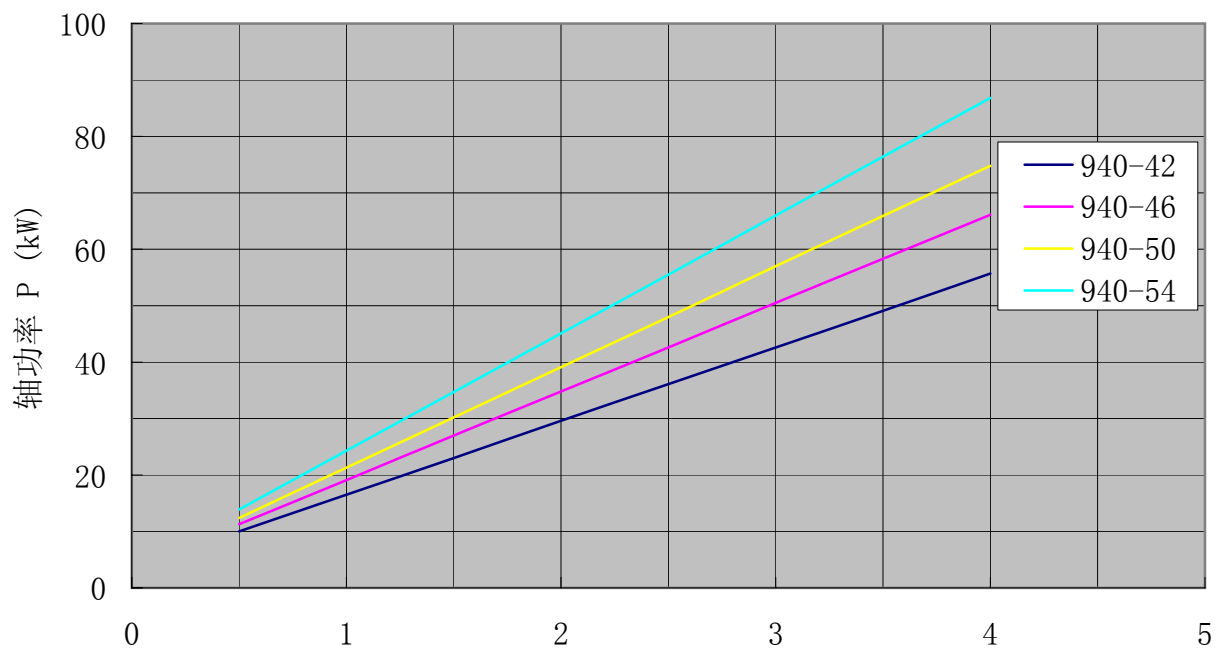
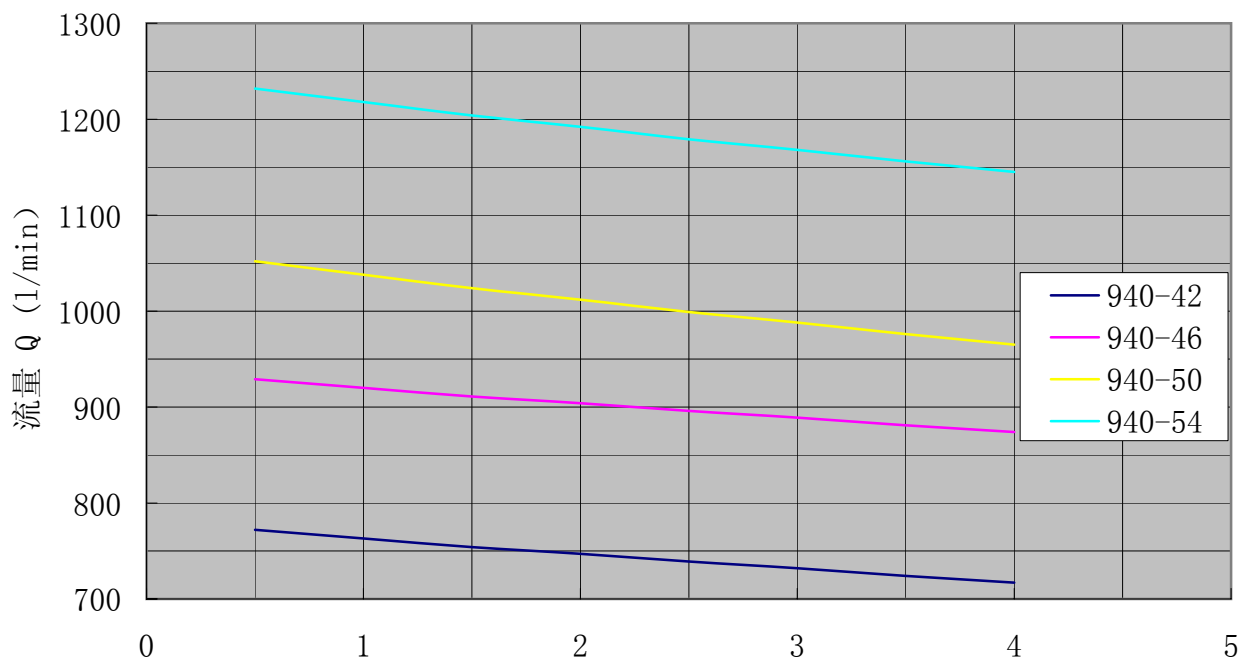
SN440性能曲线 转速:1450r/min 粘度:75mm²/s



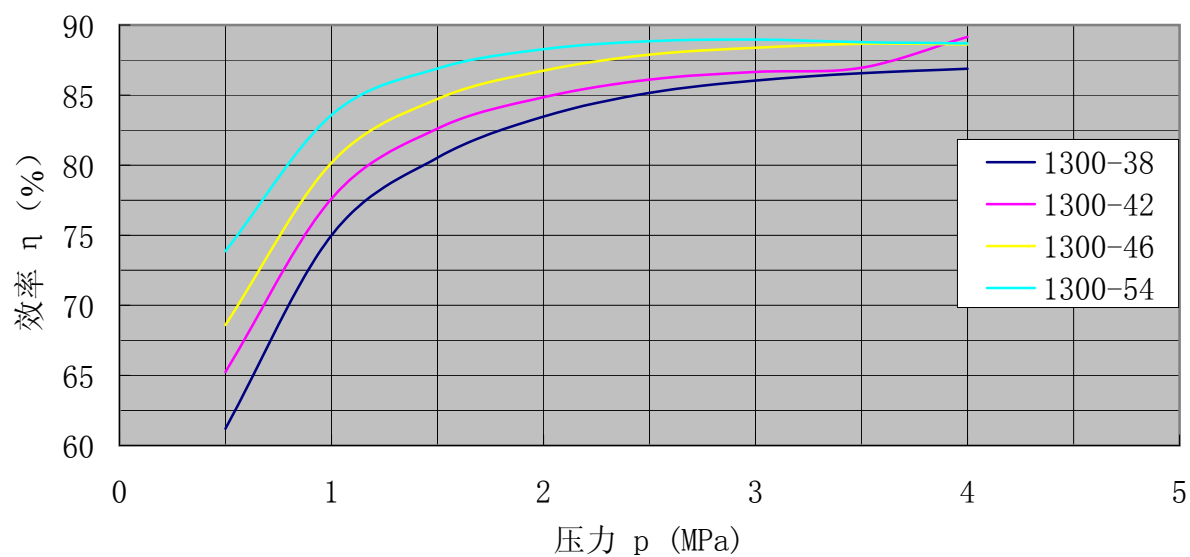
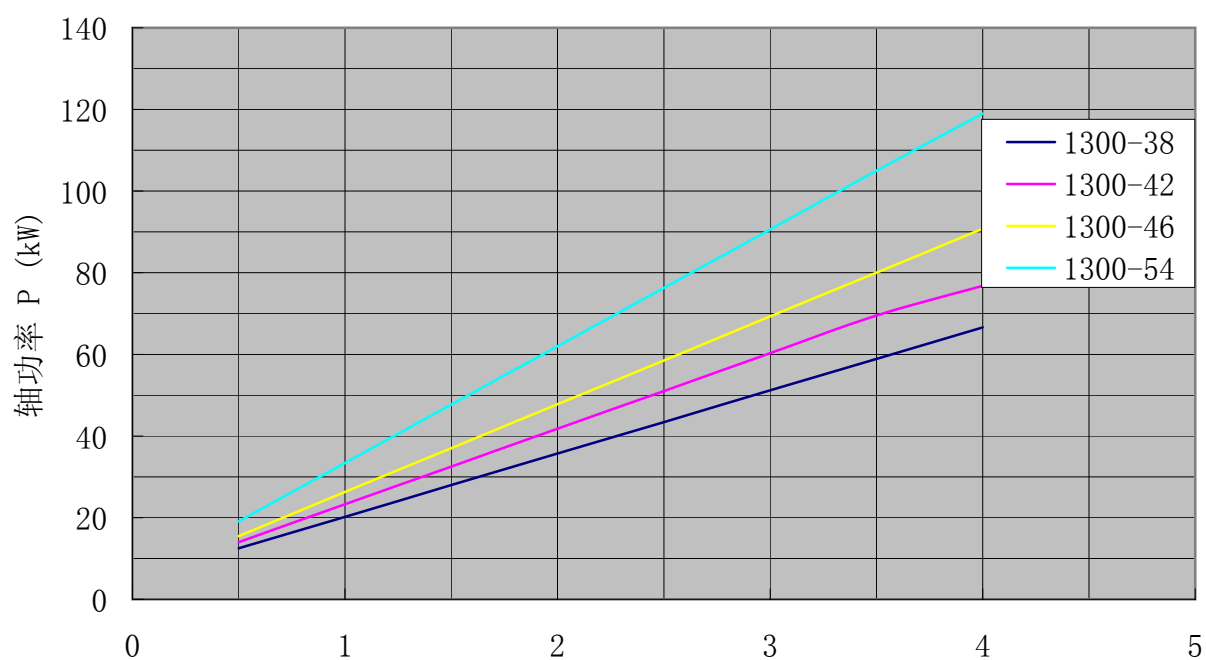
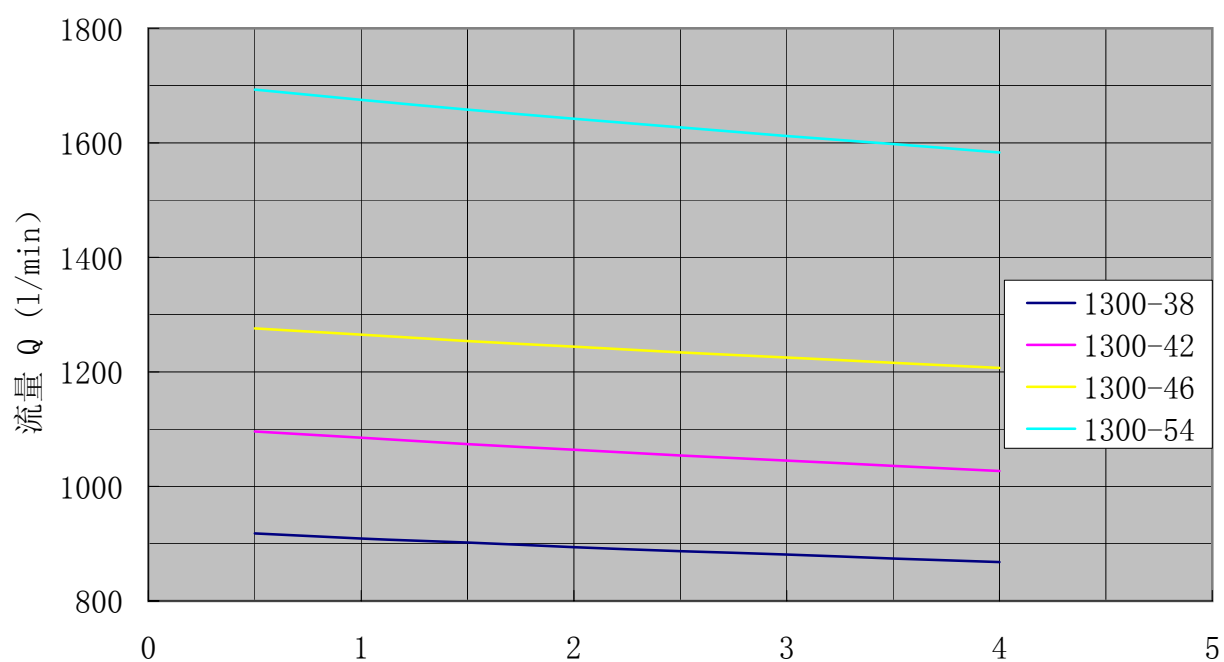
SN660性能曲线 转速:1450r/min 粘度:75mm²/s



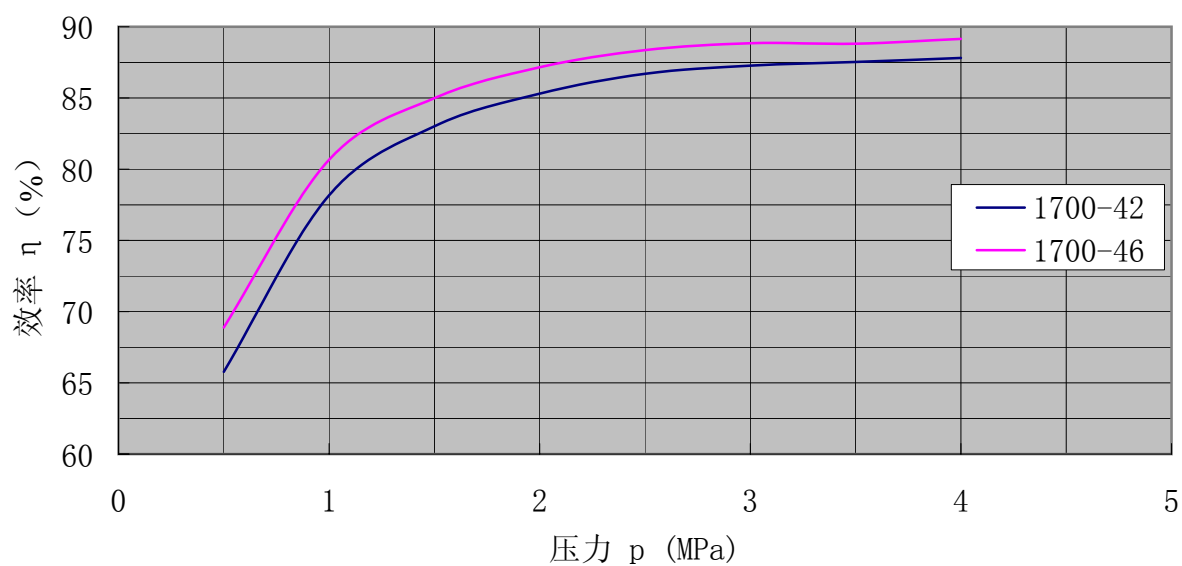
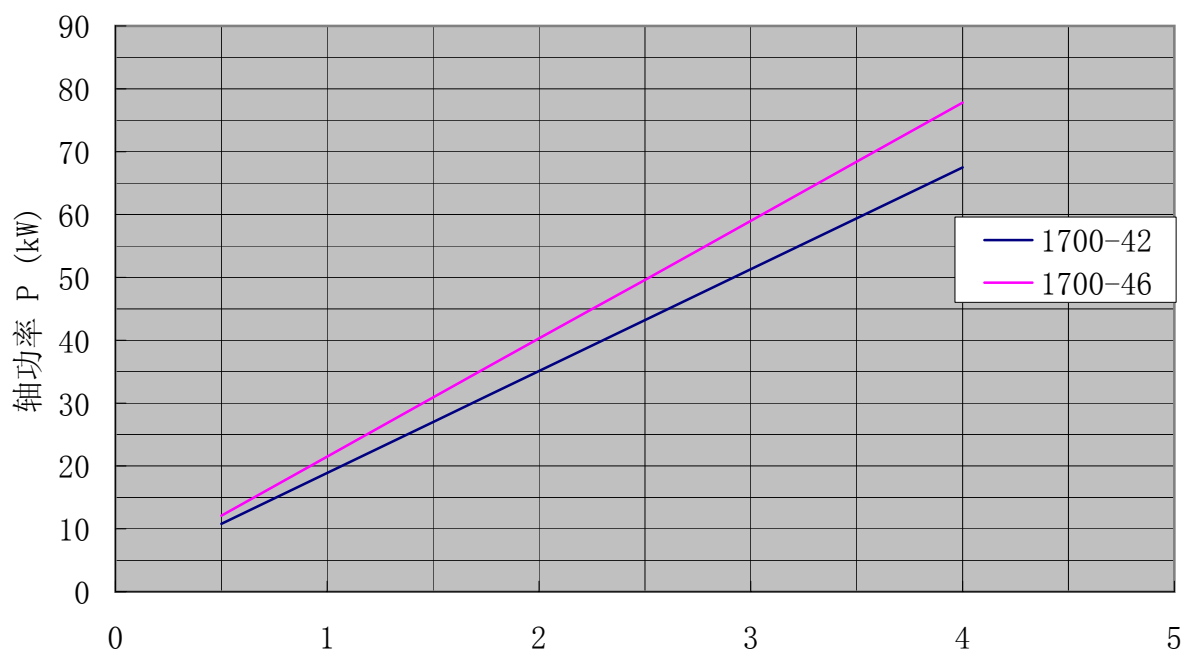
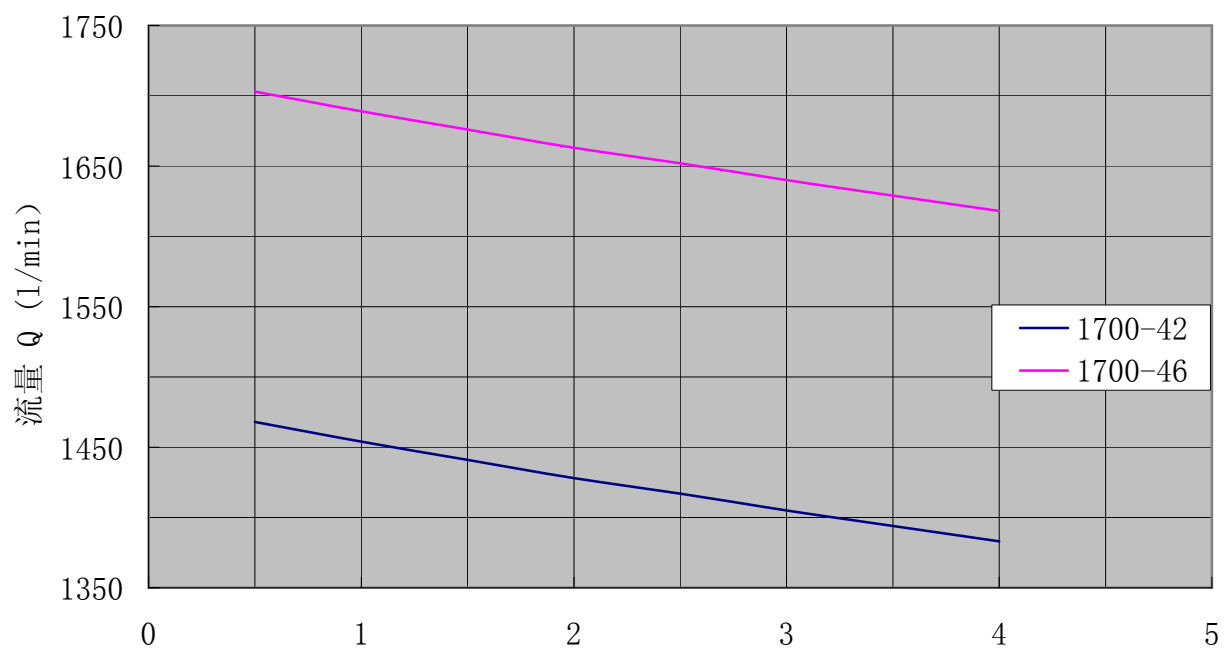
SN940性能曲线 转速:1450r/min 粘度:75mm²/s



SN1300性能曲线 转速:1450r/min 粘度:75mm²/s

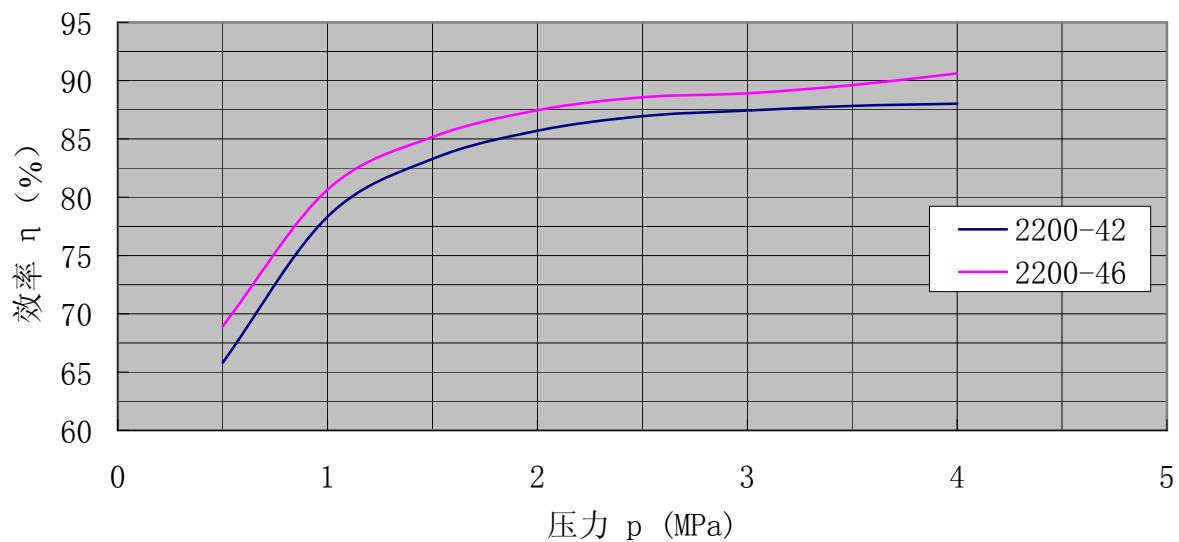
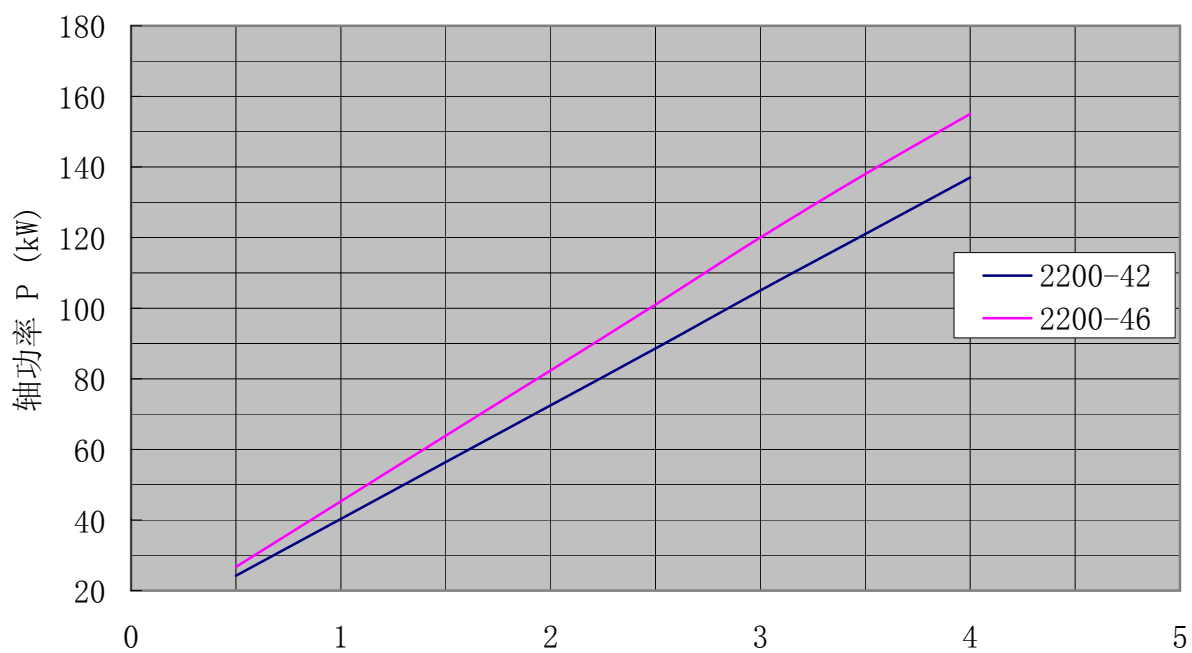
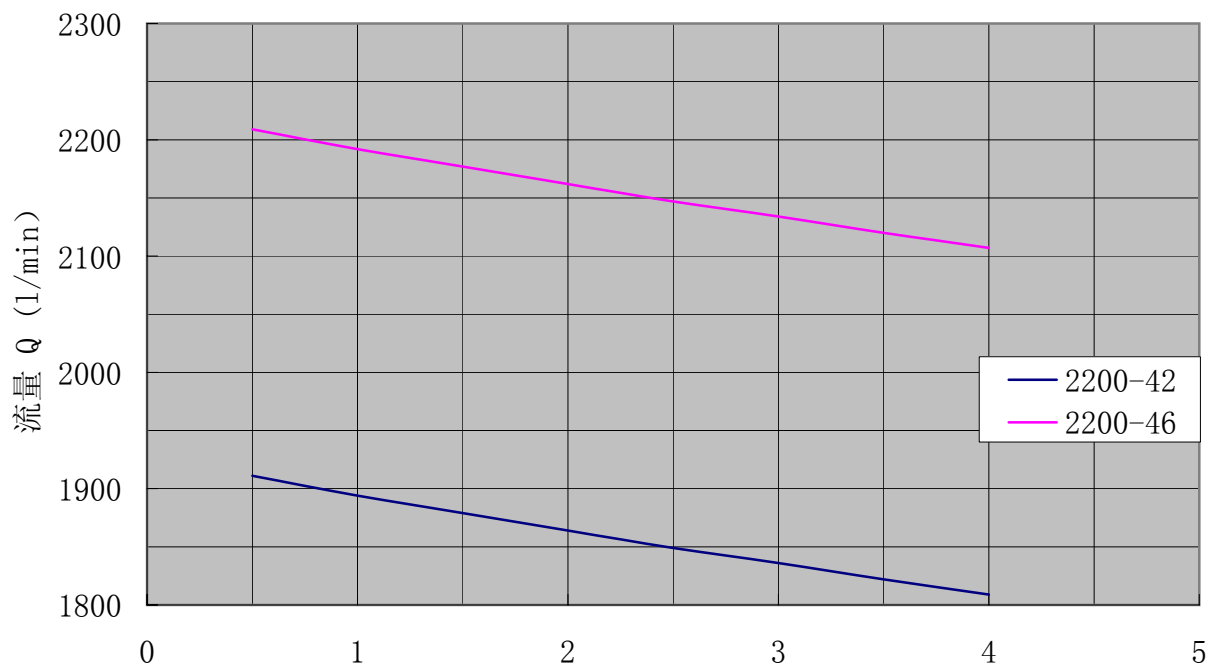


SN1700性能曲线 转速:1450r/min 粘度:75mm²/s



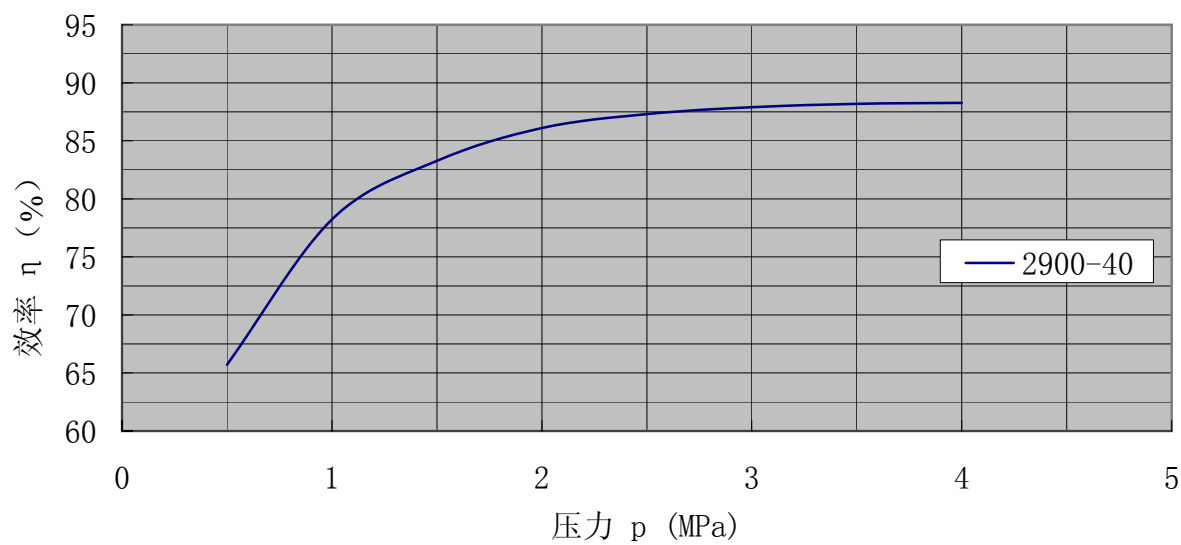
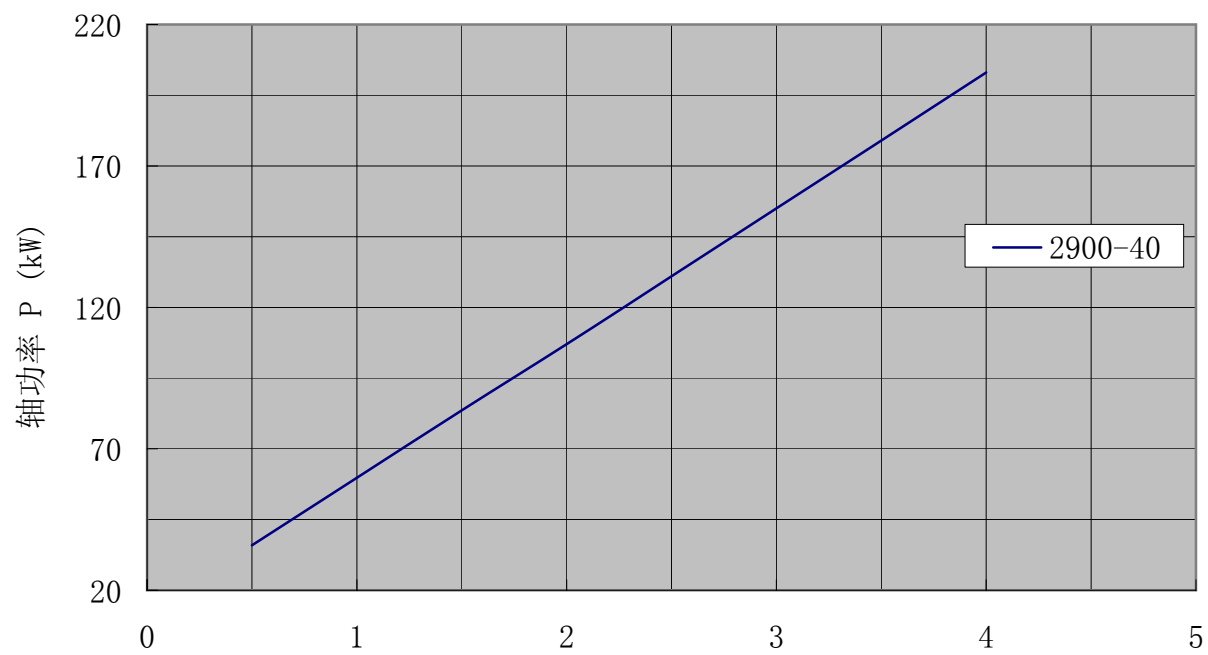
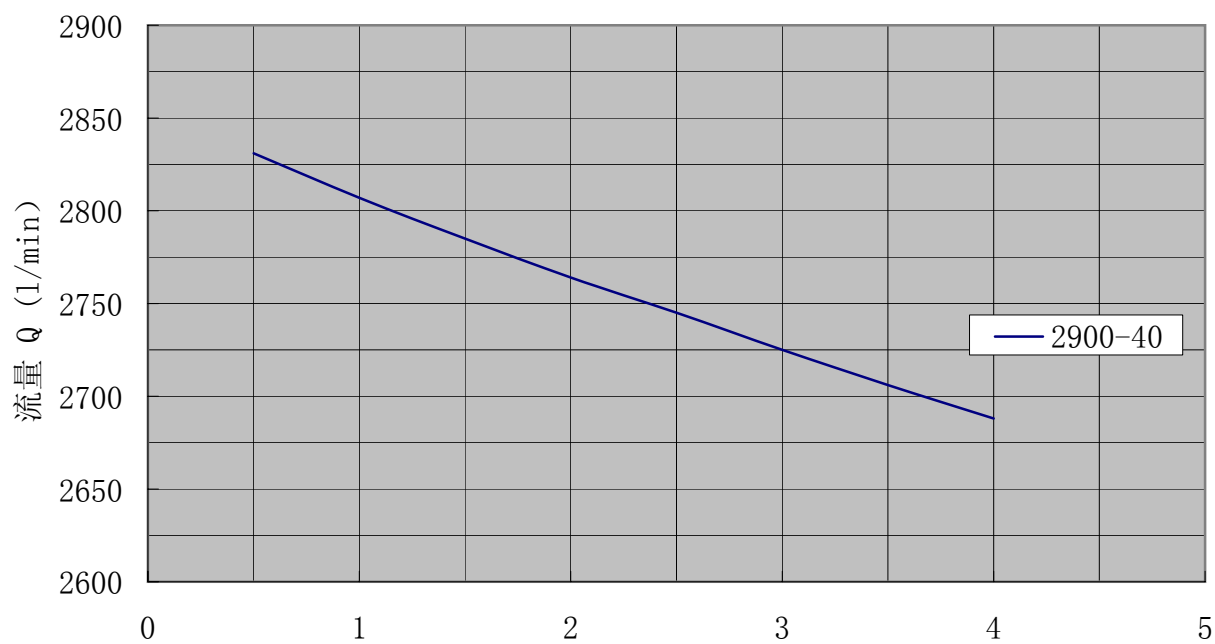
SN2200性能曲线

转速:1450r/min 粘度:75mm²/s



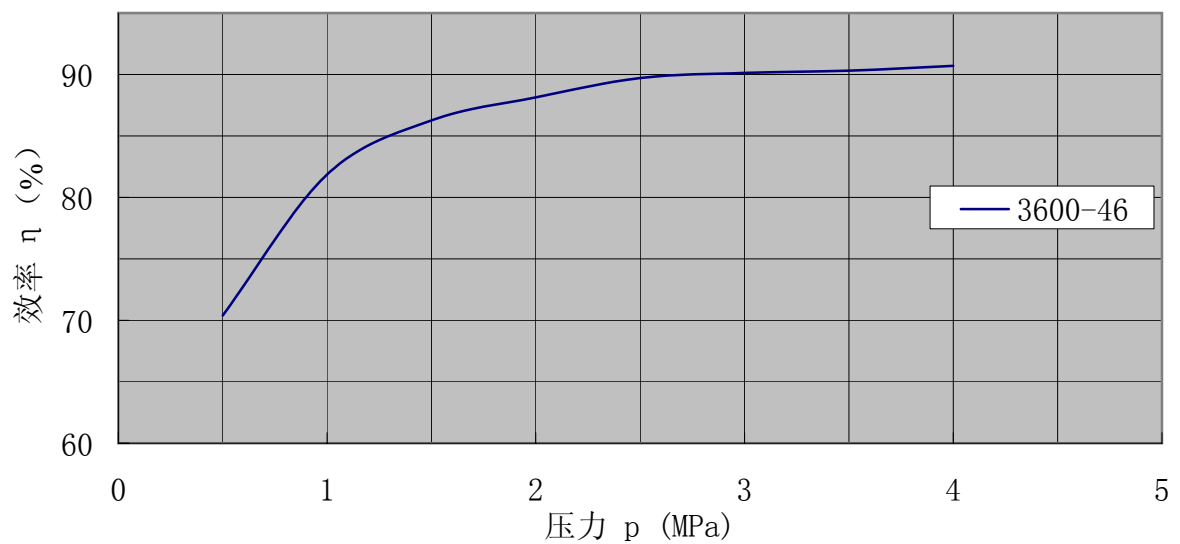
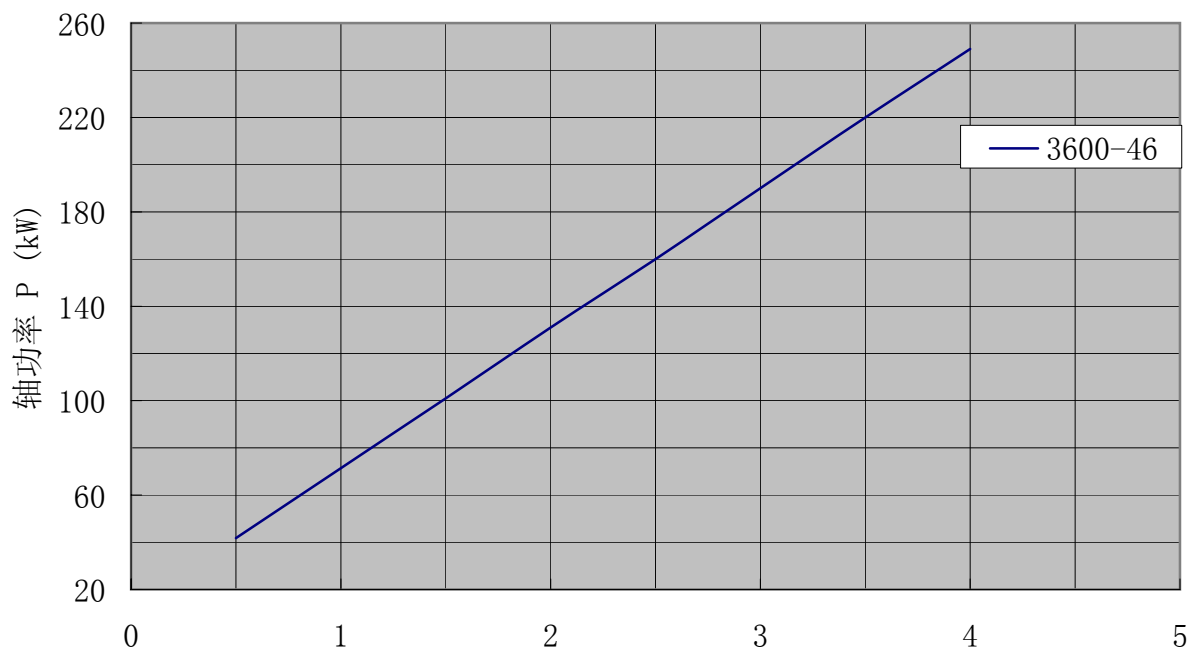
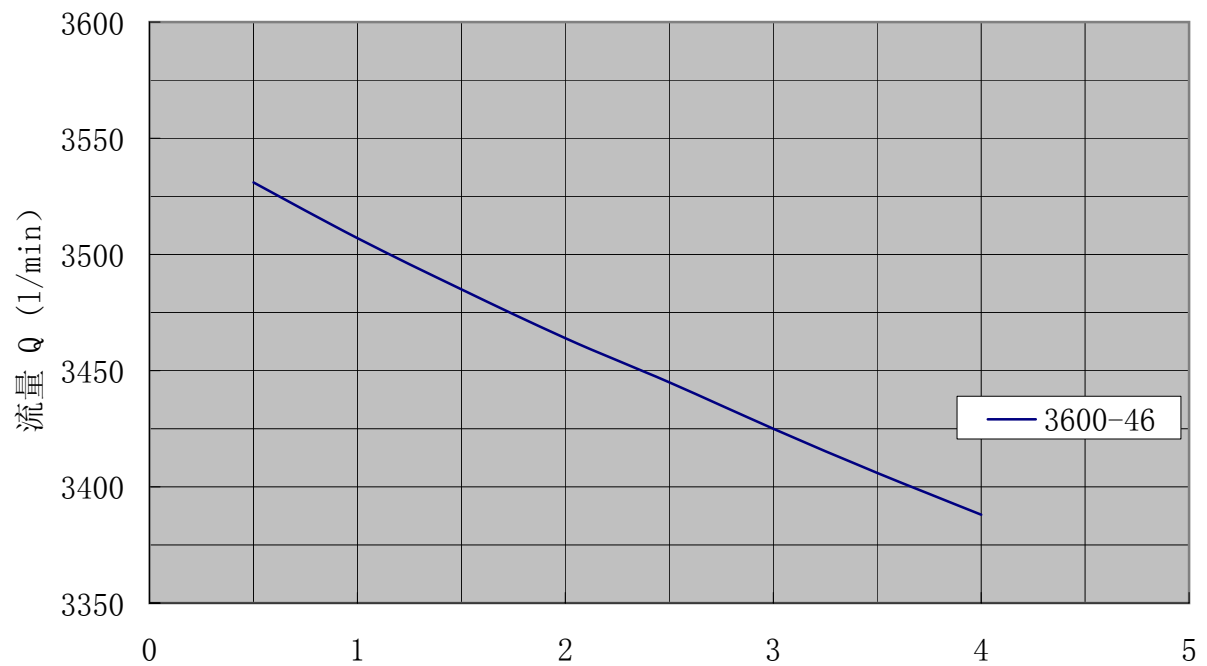
SN2900性能曲线

转速:1450r/min 粘度:75mm²/s



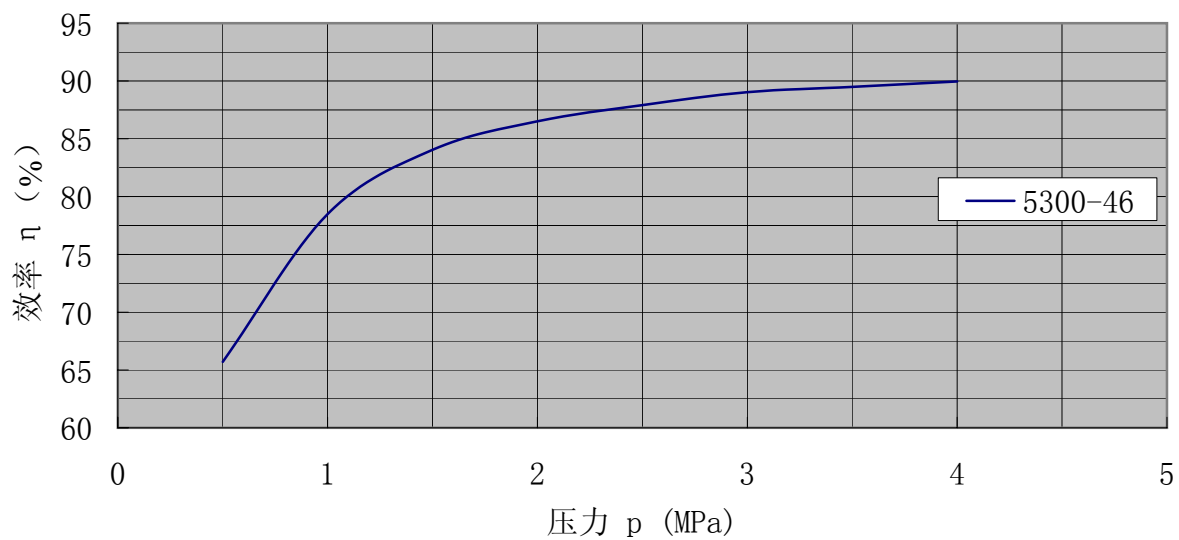
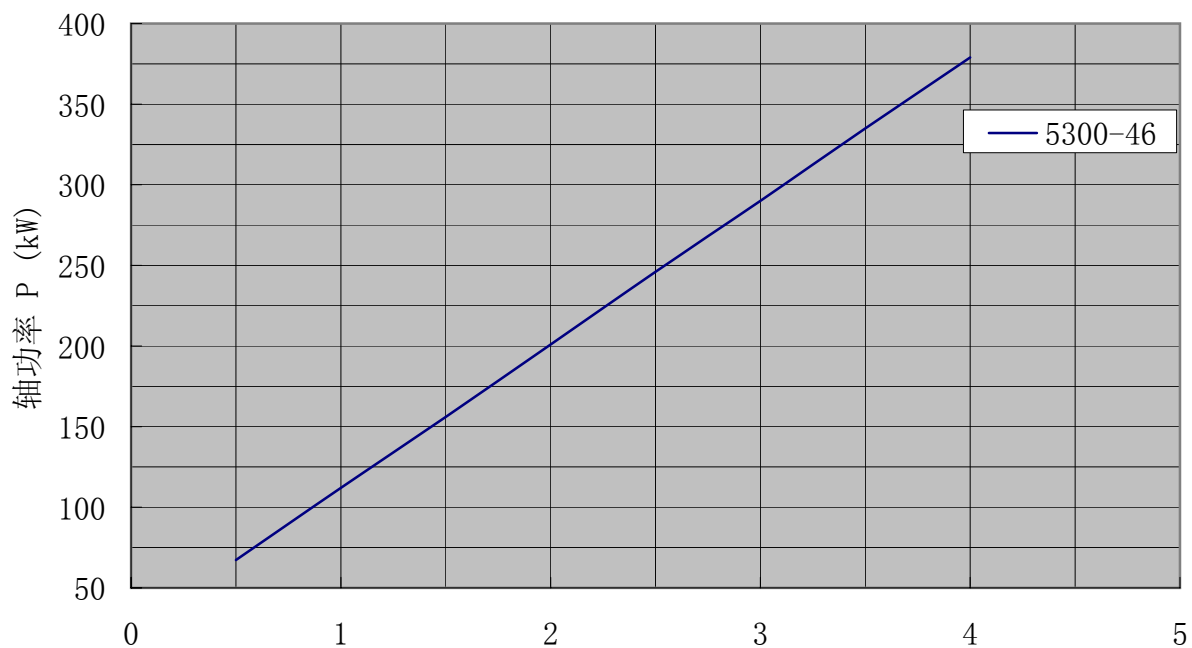
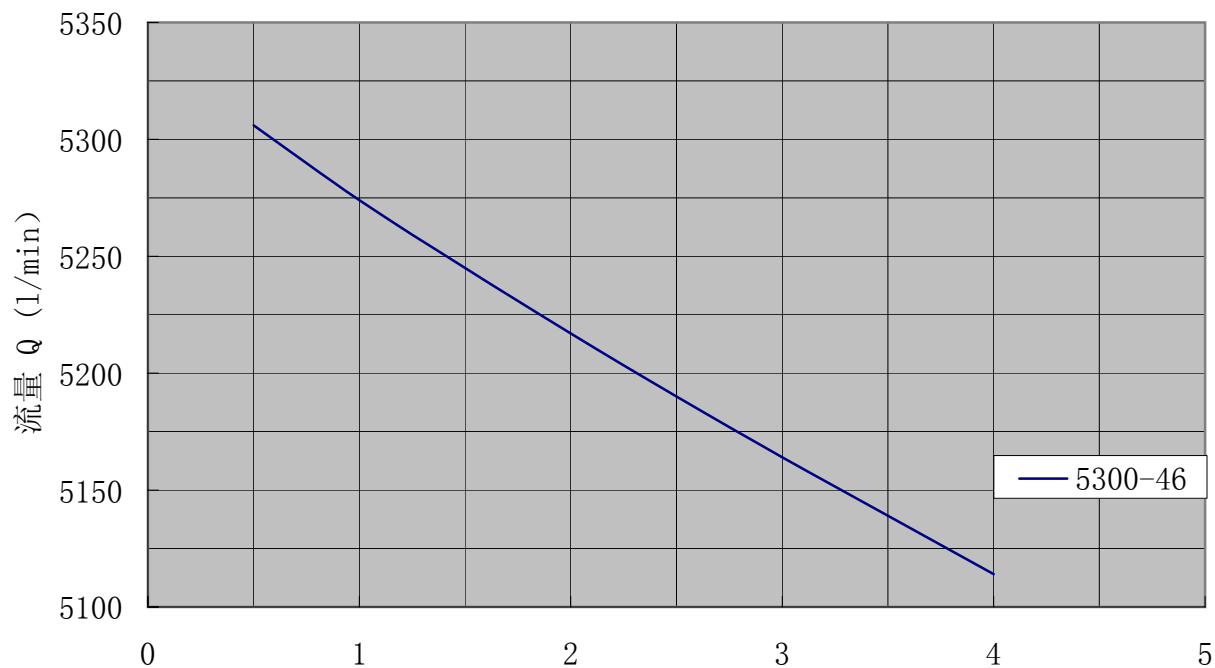
SN3600性能曲线

转速:1450r/min 粘度:75mm²/s

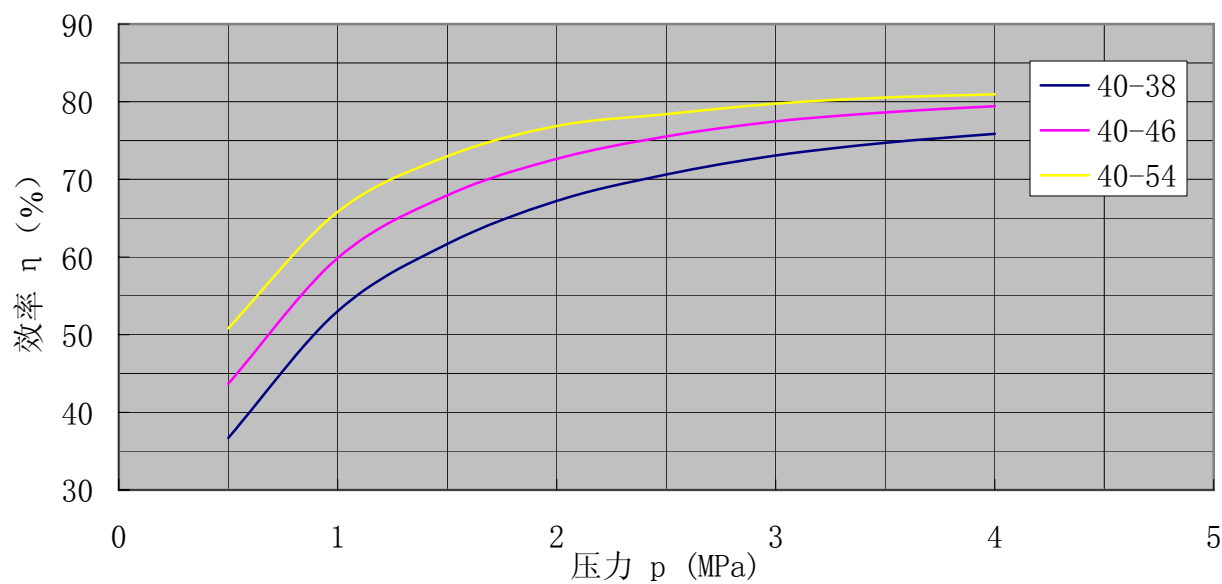
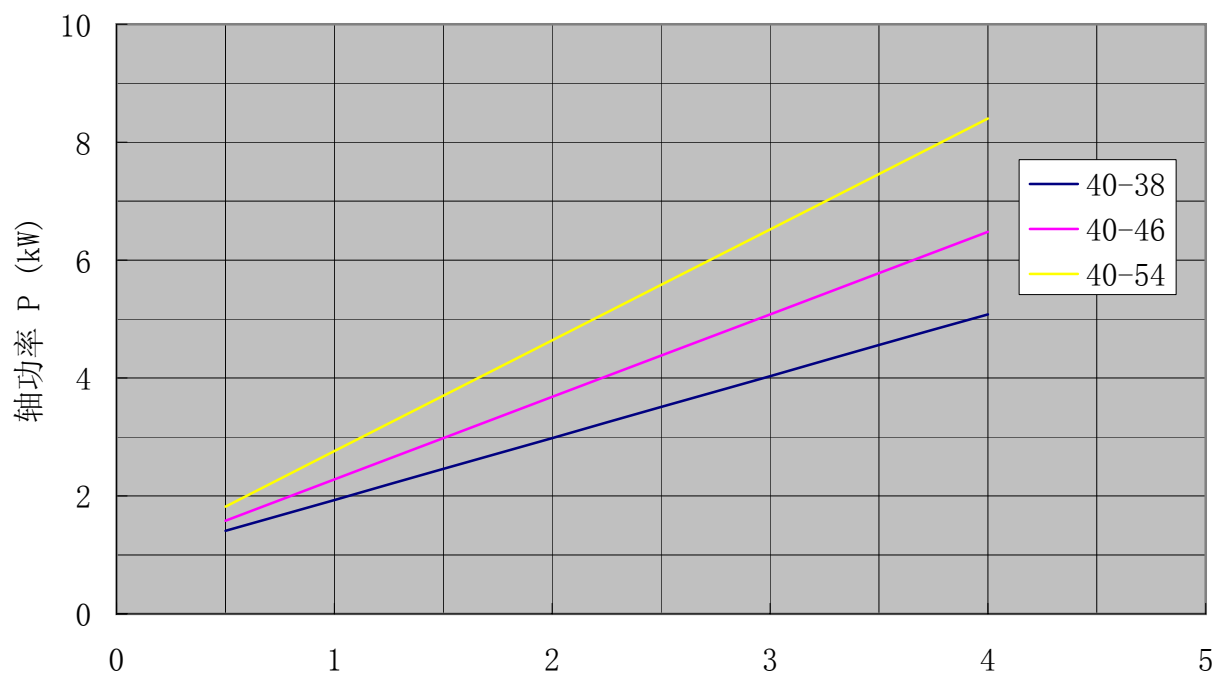
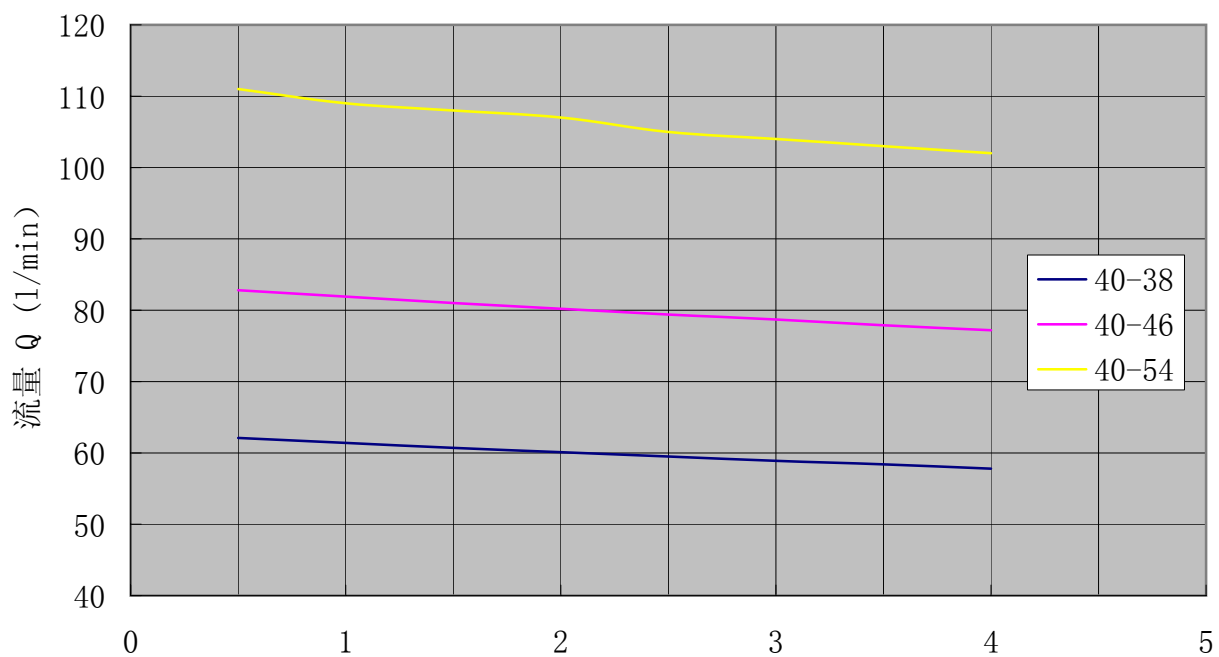


SN5300性能曲线

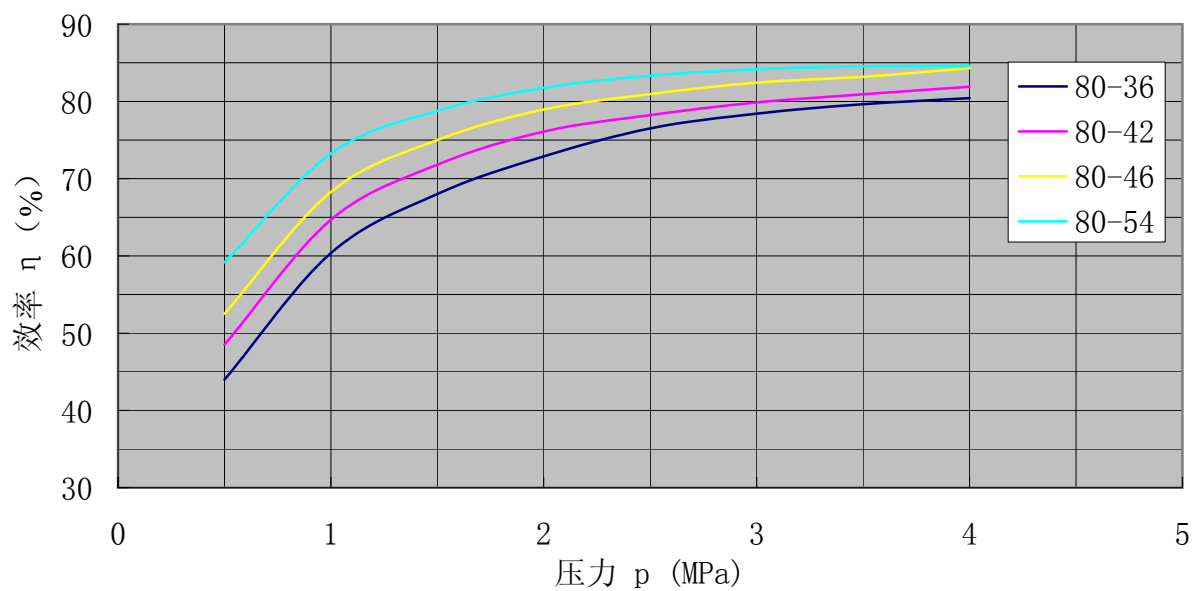
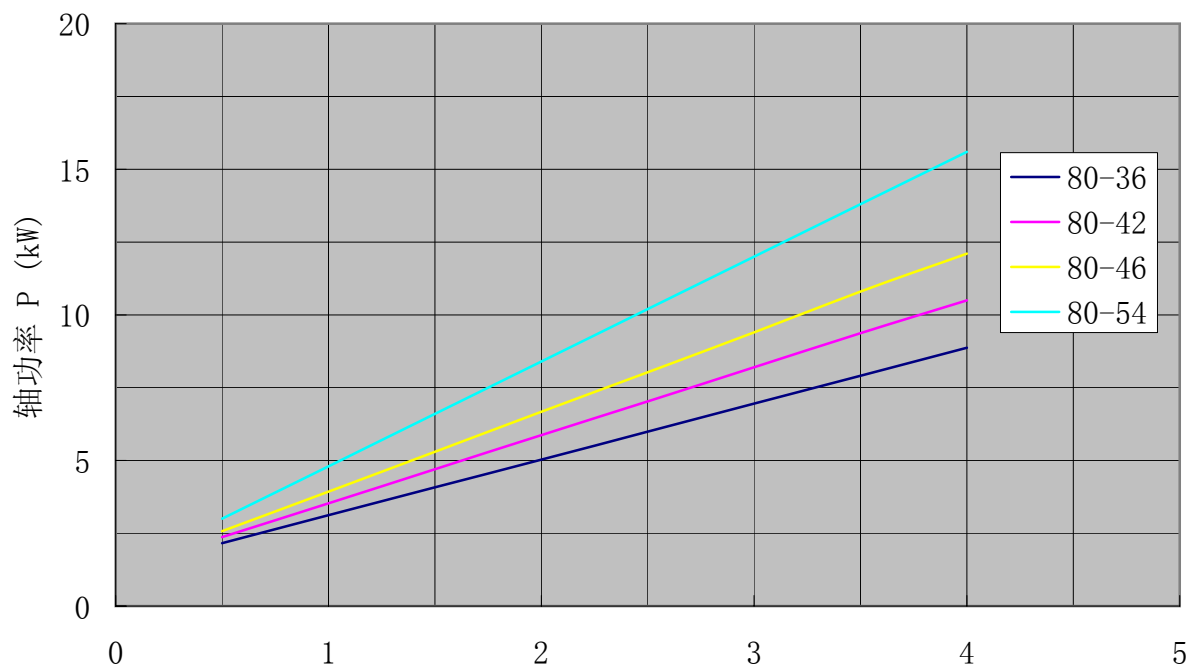
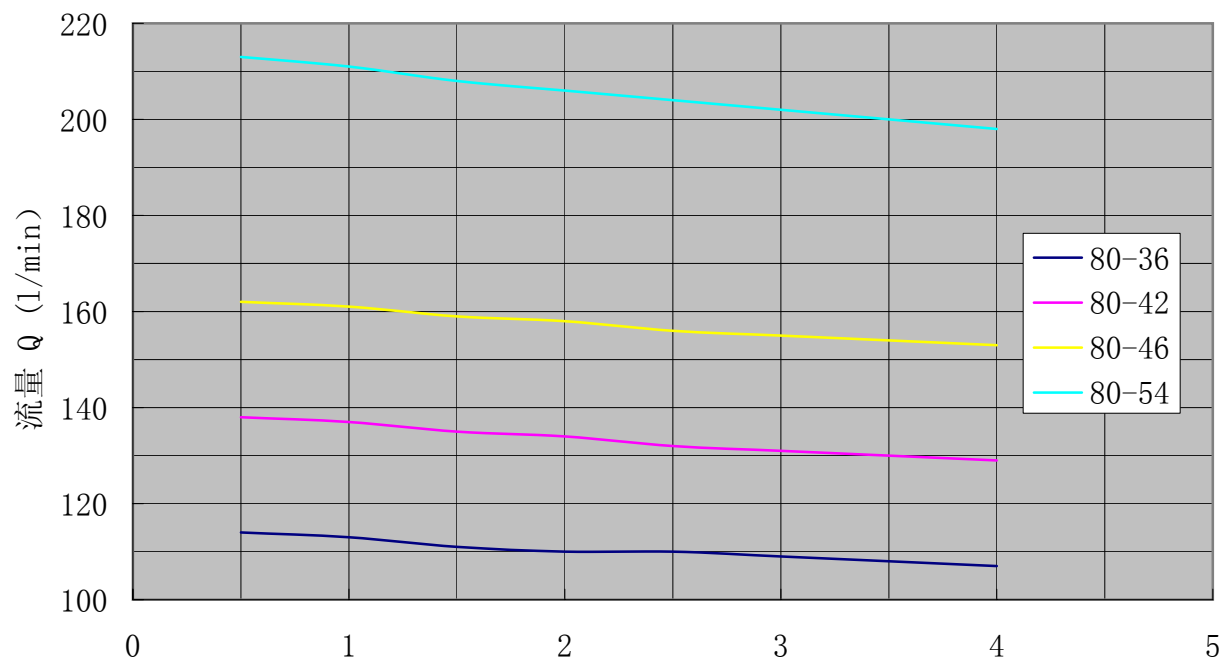
转速:1450r/min 粘度:75mm²/s



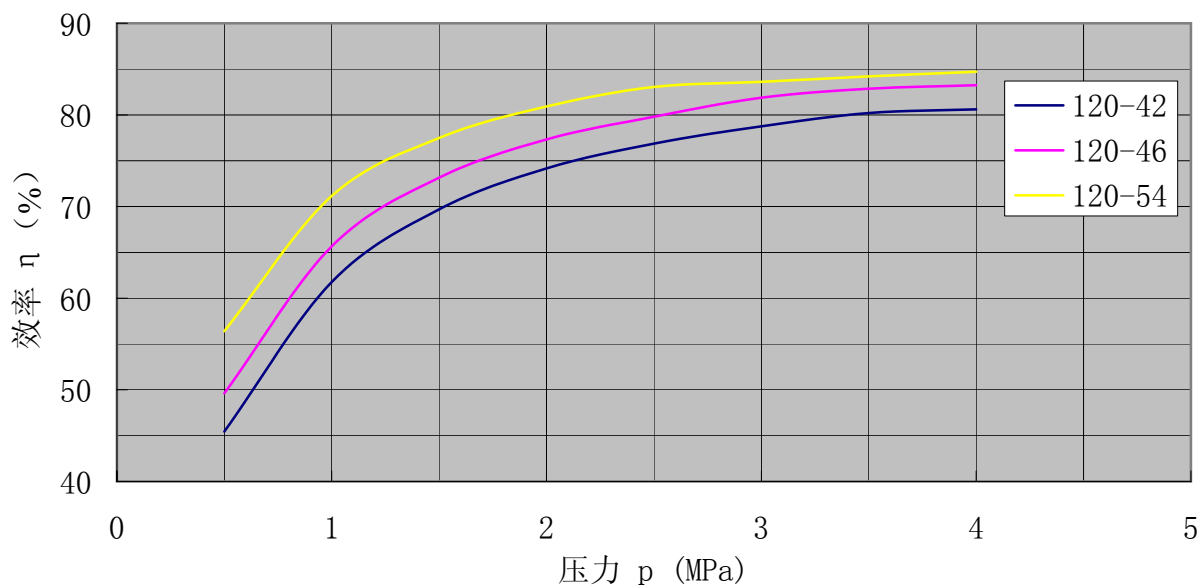
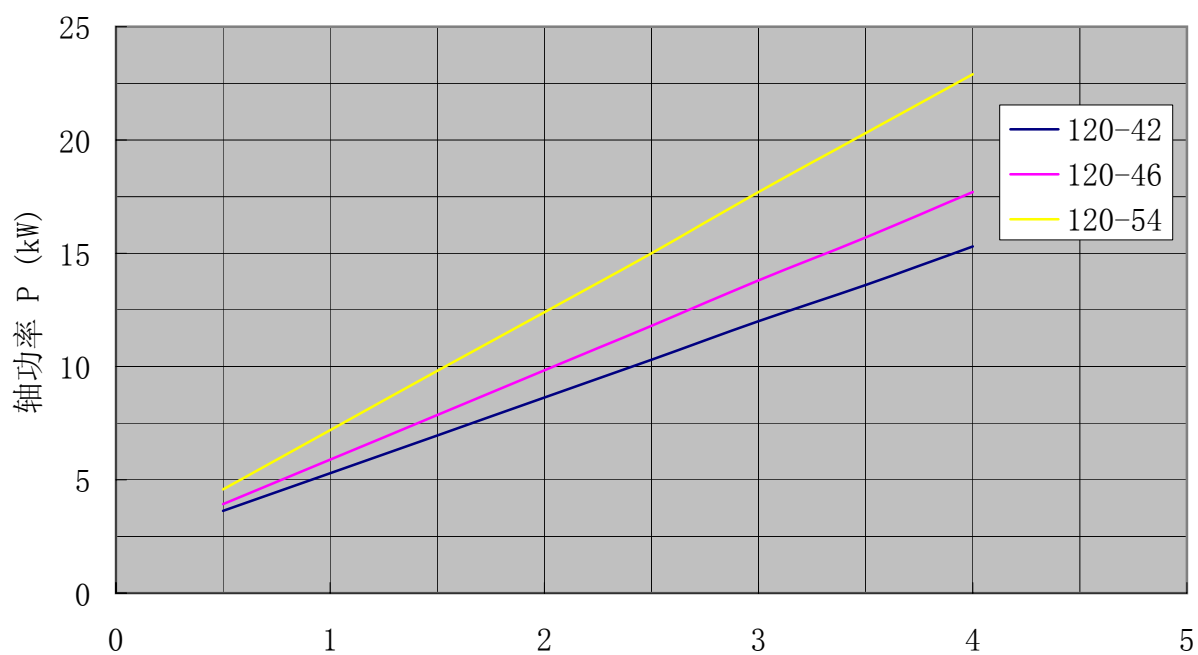
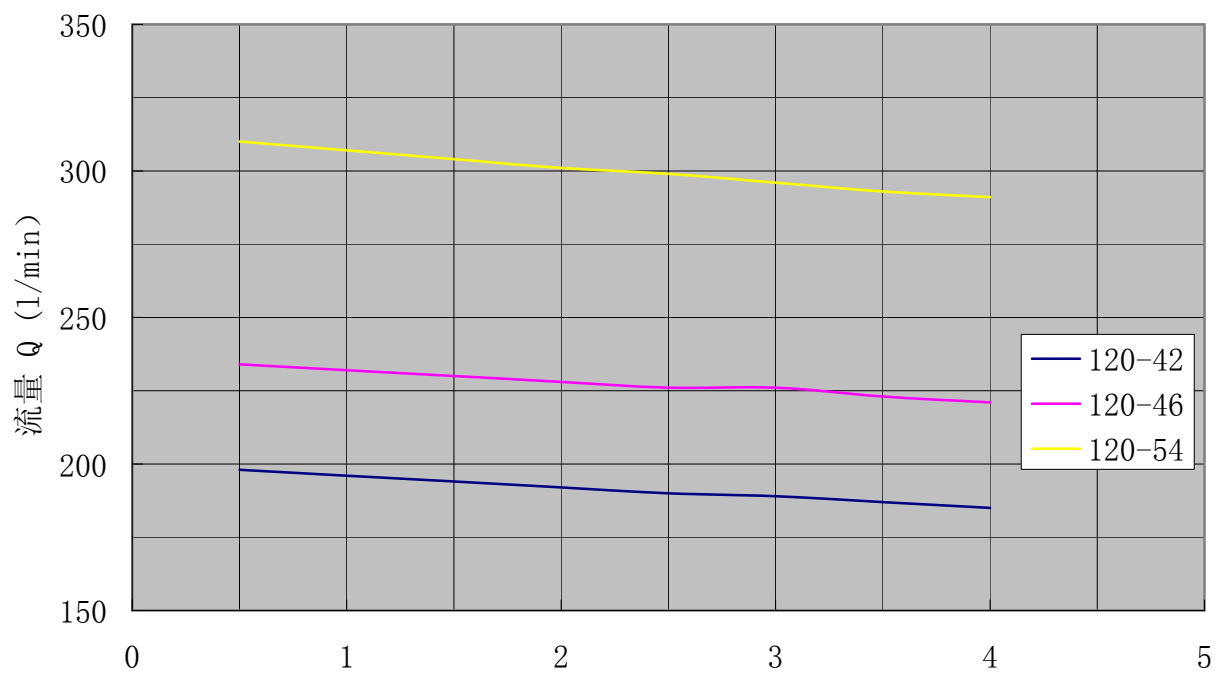
SN40性能曲线 转速:2900r/min 粘度:75mm²/s



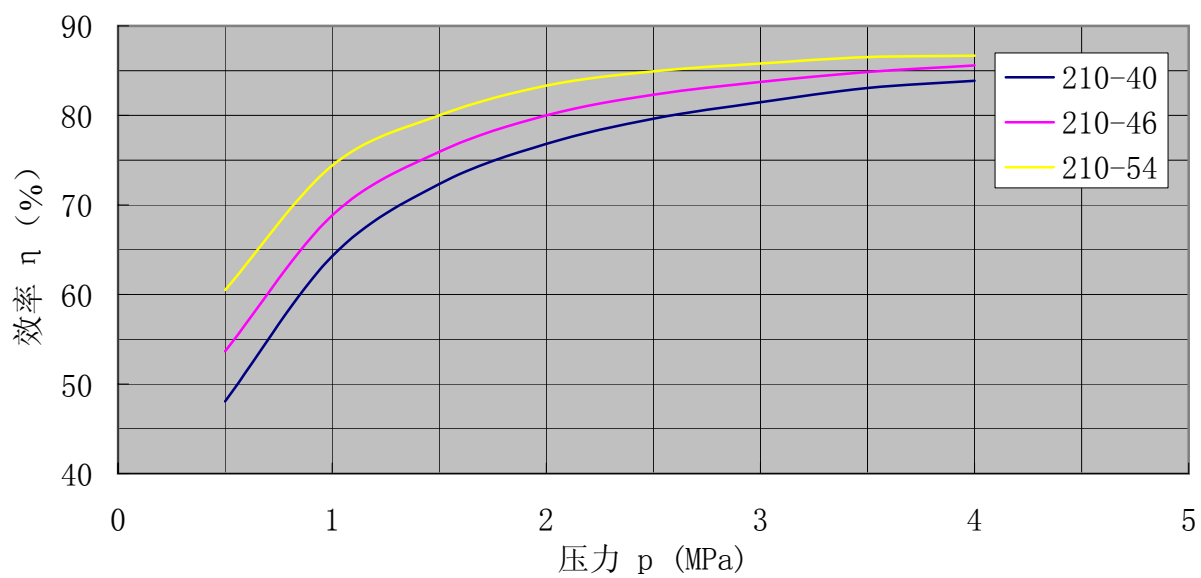
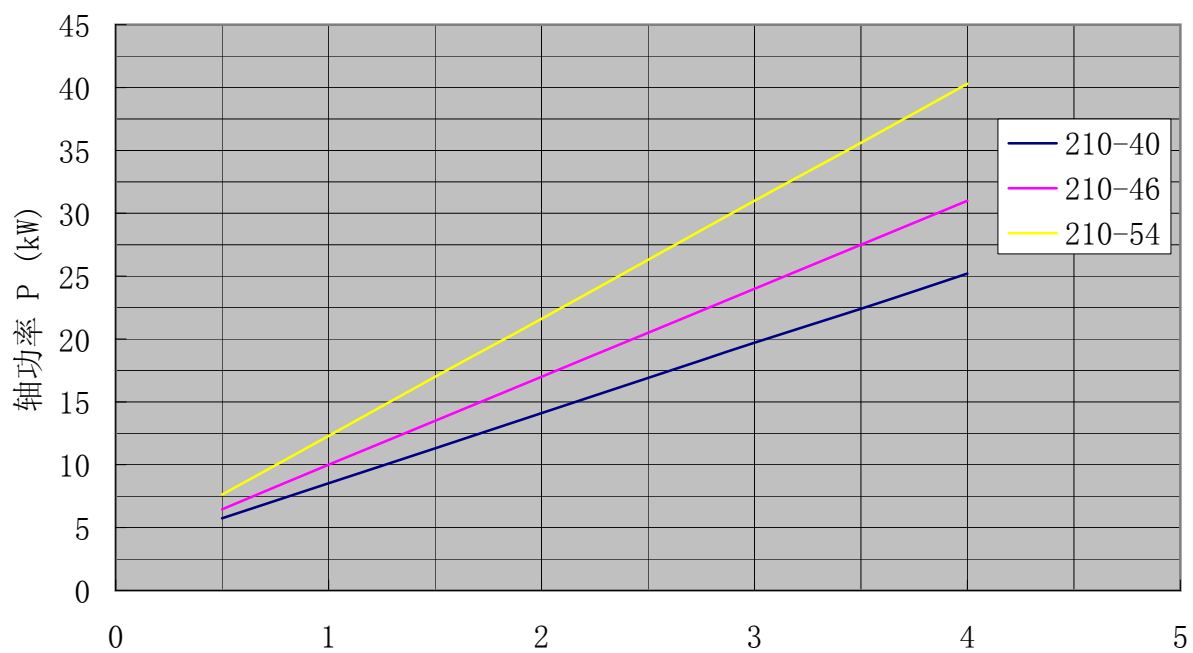
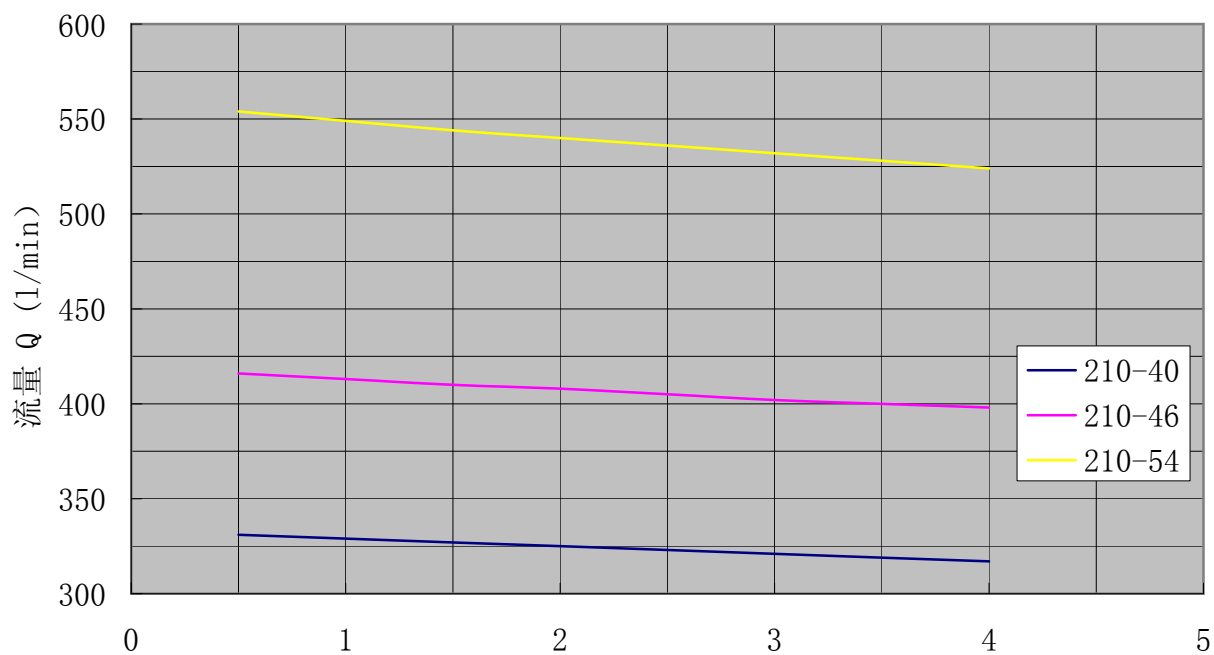
SN80性能曲线 转速:2900r/min 粘度:75mm²/s



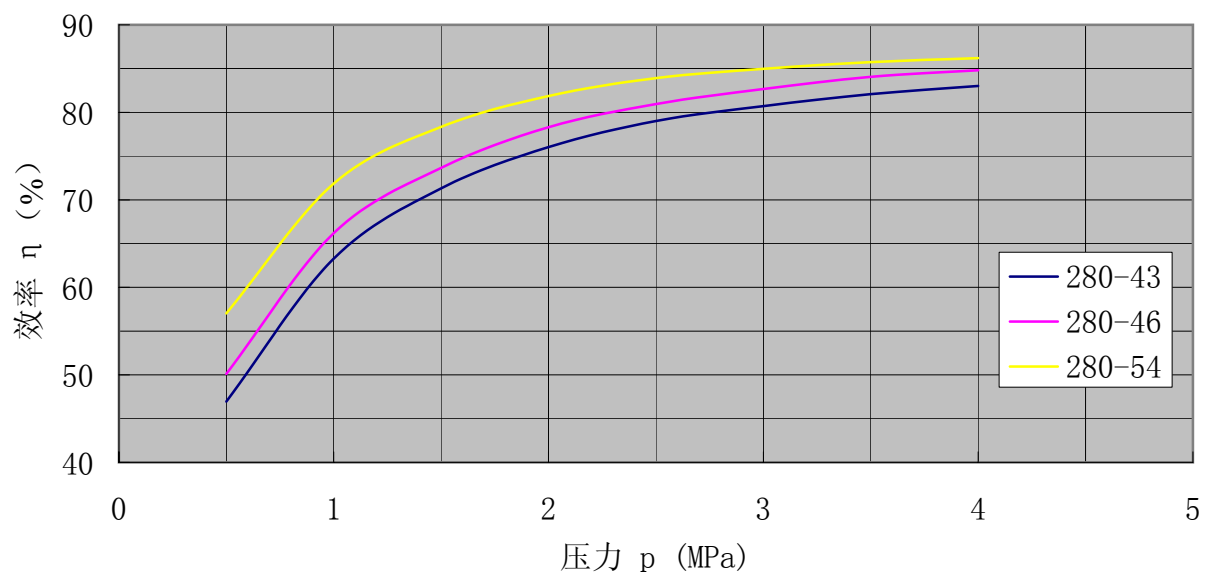
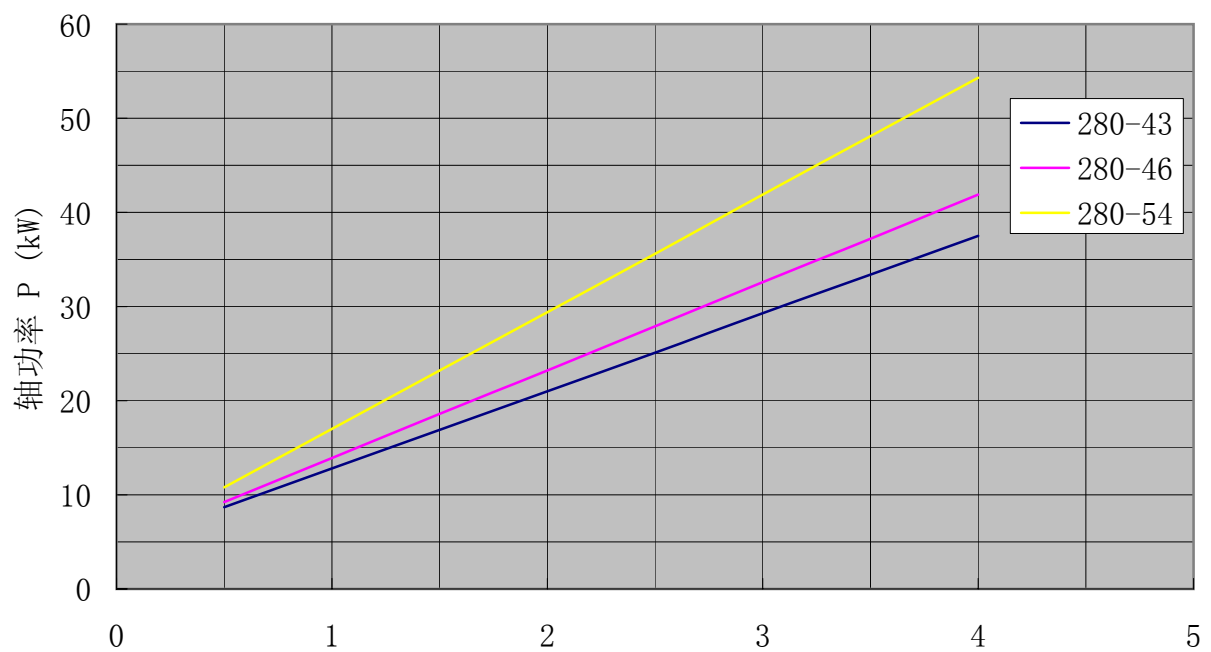
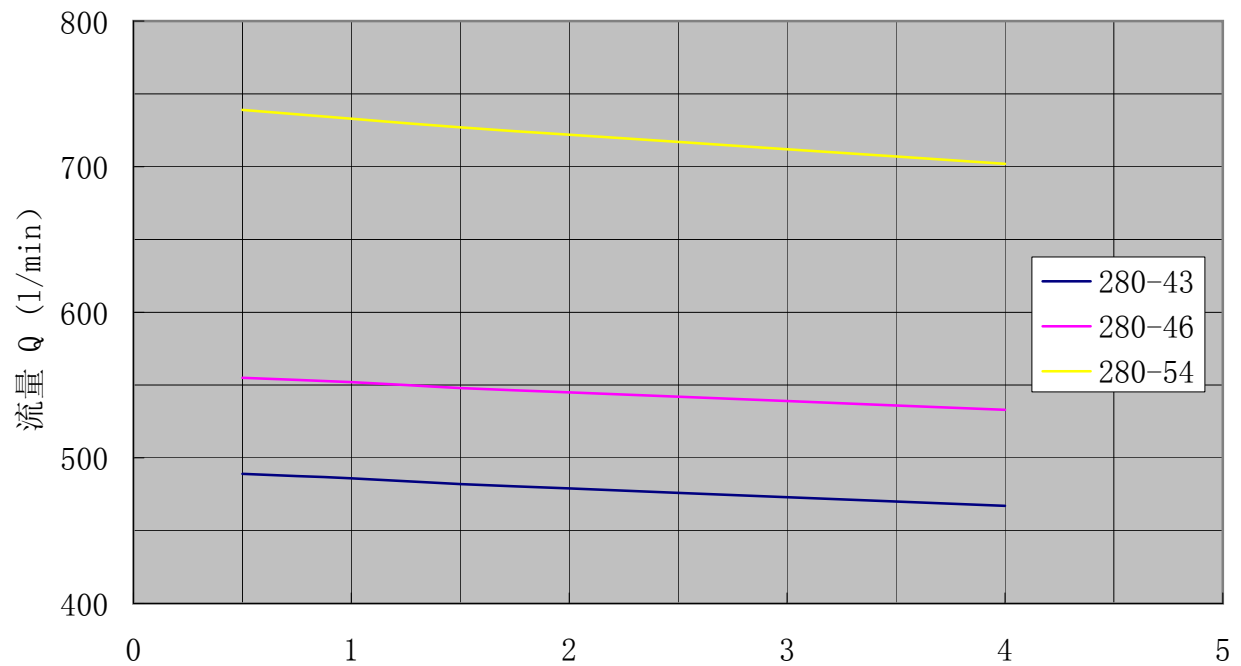
SN120性能曲线 转速:2900r/min 粘度:75mm²/s



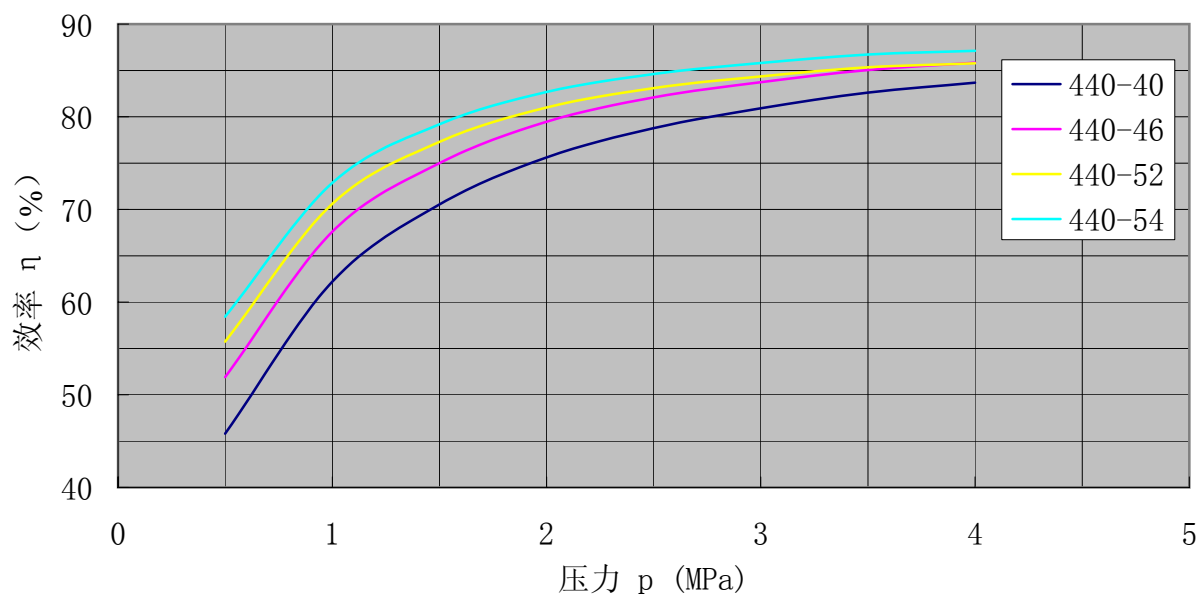
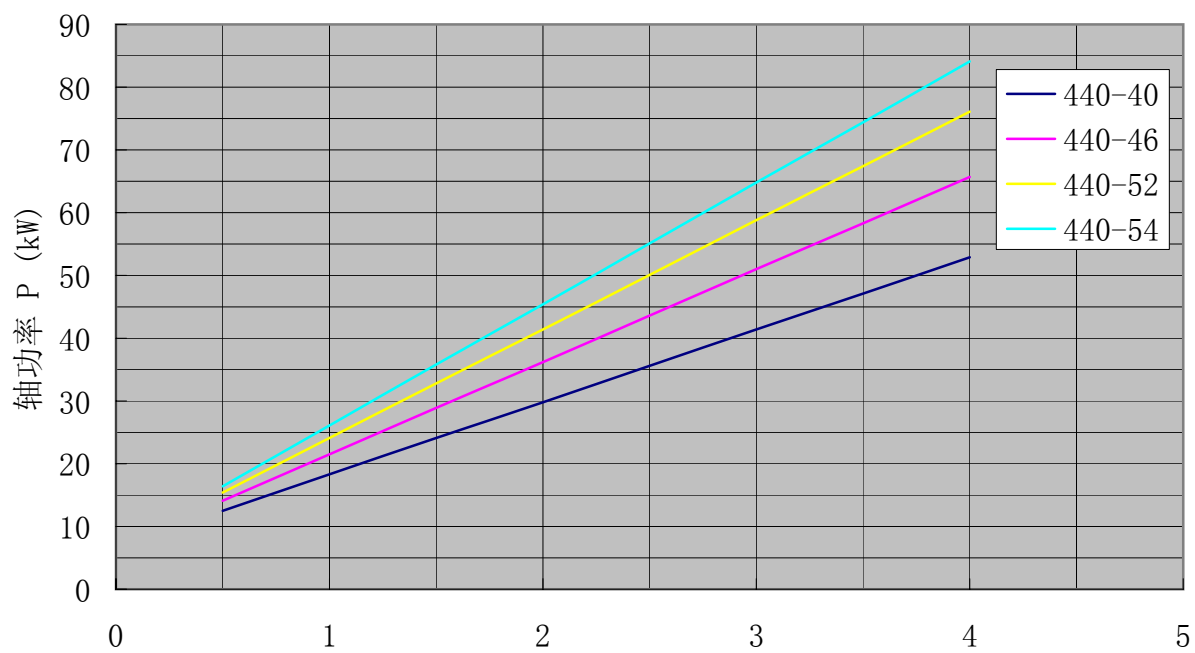
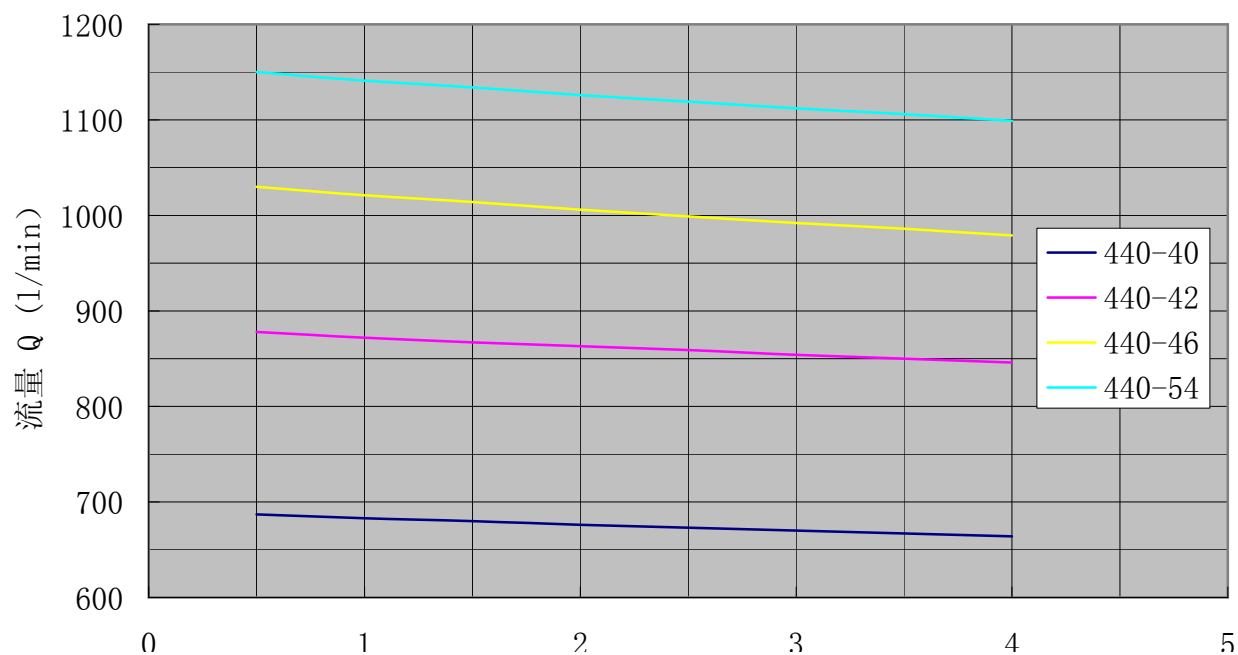
SN210性能曲线 转速:2900r/min 粘度:75mm²/s



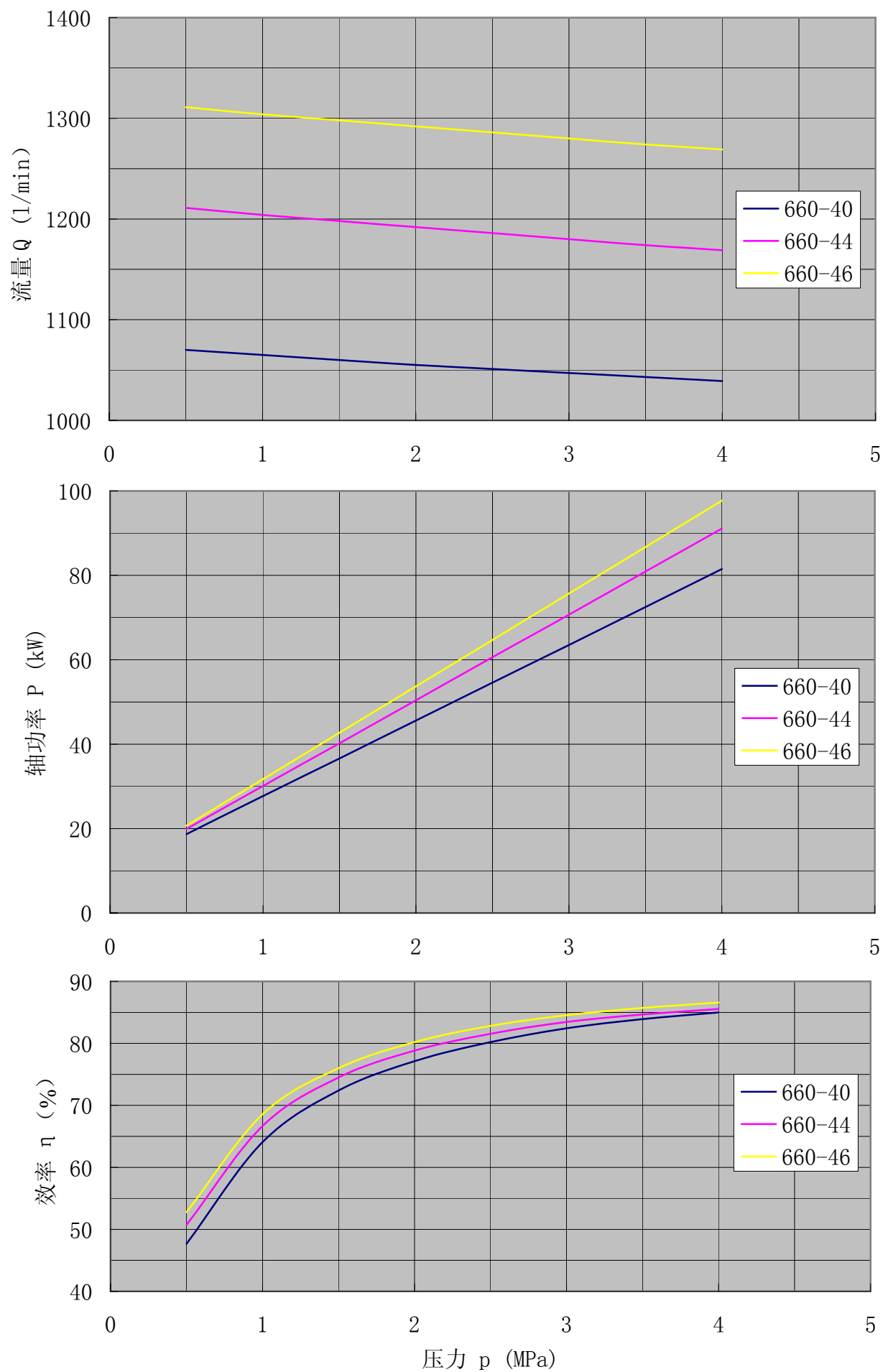
SN280性能曲线 转速:2900r/min 粘度:75mm²/s



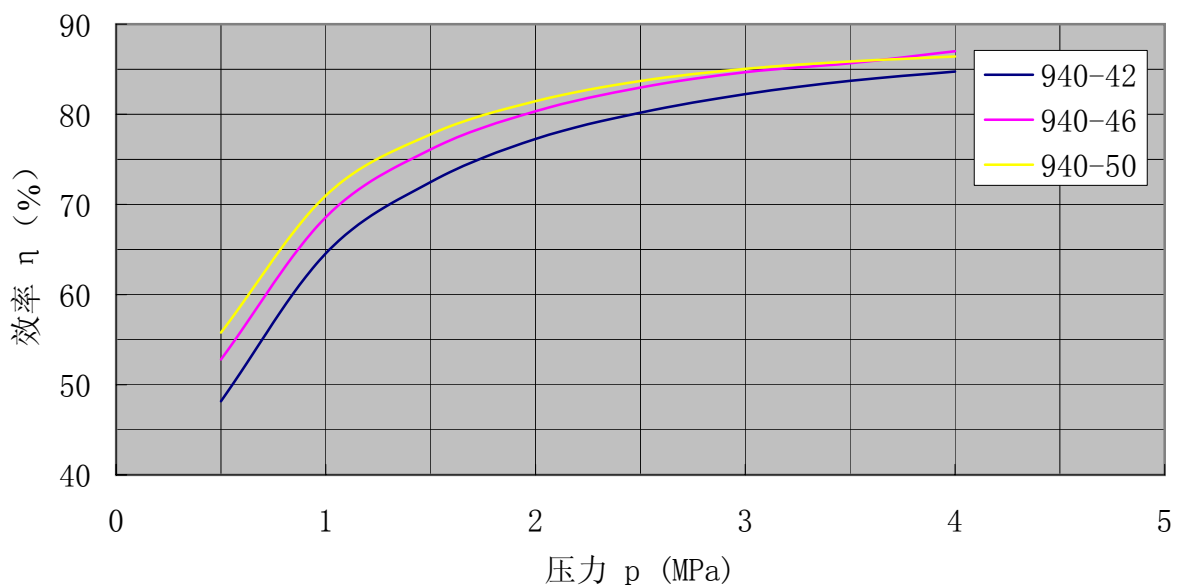
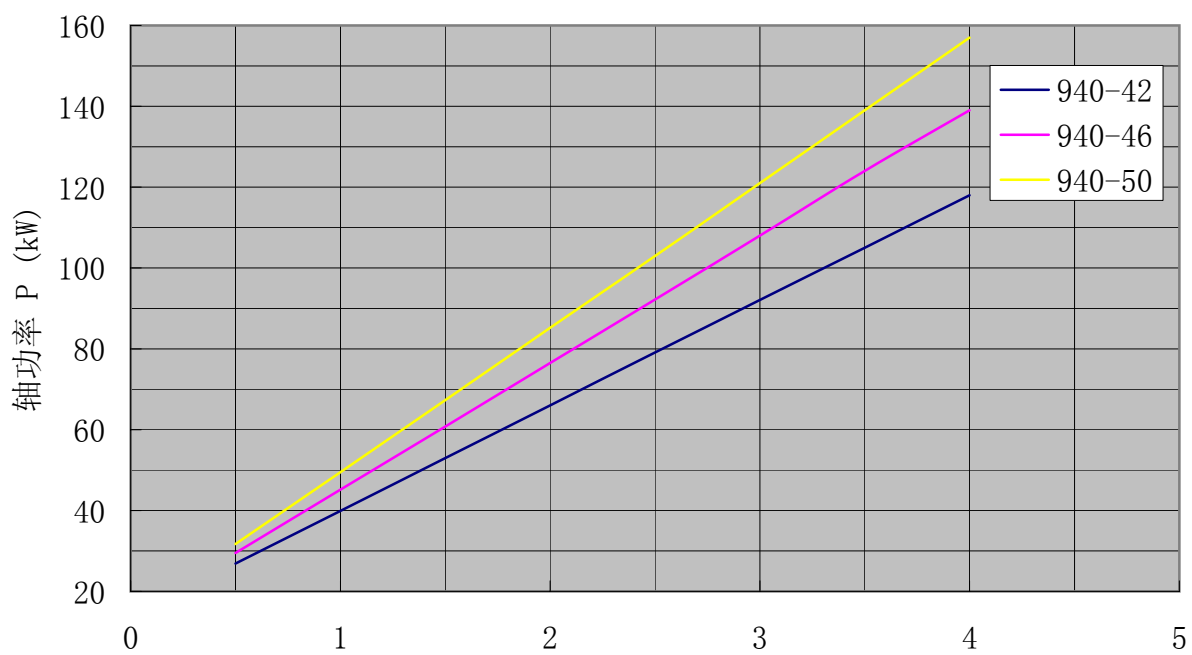
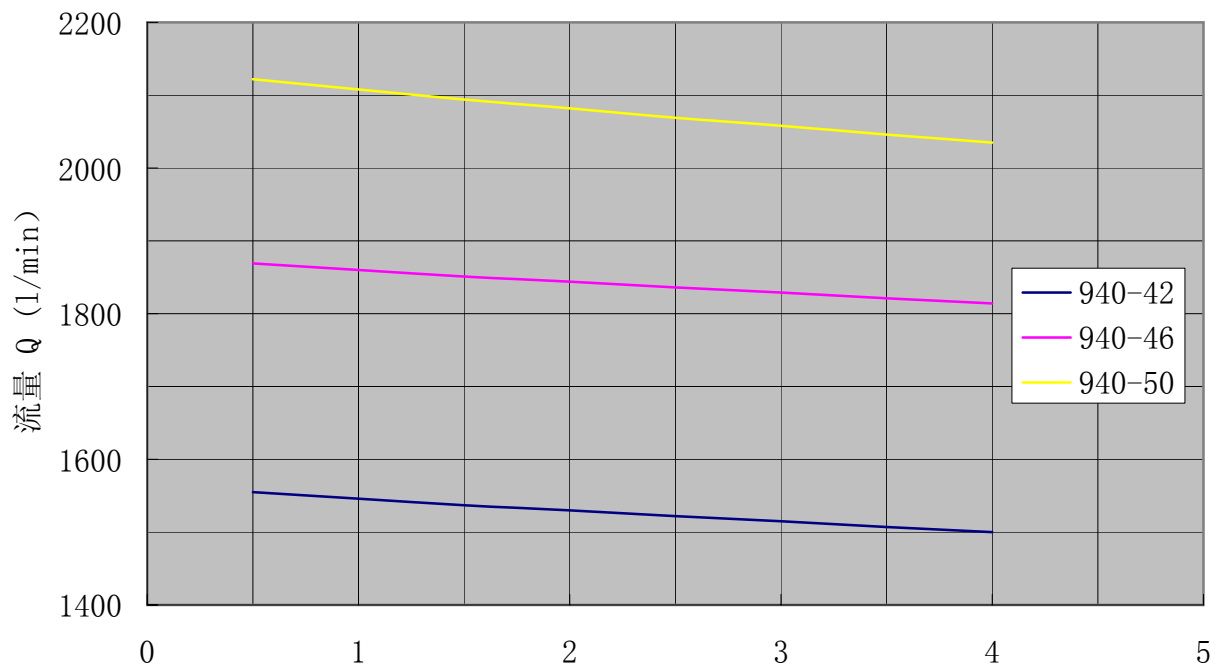
SN440性能曲线 转速:2900r/min 粘度:75mm²/s



SN660 性能曲线 转速:2900r/min 粘度:75mm²/s



SN940性能曲线 转速:2900r/min 粘度:75mm²/s



SN1300性能曲线 转速:2900r/min 粘度:75mm²/s

