

# Petropompsad

Pump Technology main catalog

# GP Series





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## 1" GEAR PUMP PROPERTIES

Capacity	Speed	Pressure 4 BAR	Pressure 10 BAR	Viscosity
3	500	1.5 kW	2 kW	25 000 SSU
5	500	1.5 kW	2.2 kW	7 500 SSU
8	750	2 kW	3 kW	2 500 SSU
10	900	2.2 kW	4 kW	750 SSU
12	1450	4 kW	5.5 kW	100 SSU

Temperature of Pumped liquid

0 - 250 °C

## METERIAL OPTIONS

- Pump Body, covers and gears: Cast iron, Steel cast, stainless AISI 304 / 316
- Bearings: Snbz 12 bornze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal



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## 2" GEAR PUMP PROPERTIES

Capacity	Speed	Pressure 4 BAR	Pressure 10 BAR	Viscosity
20	400	4 kW	5.5 kW	25 000 SSU
26	450	5.5 kW	7.5 kW	7 500 SSU
36	500	7.5 kW	10 kW	2 500 SSU
42	750	10 kW	11 kW	750 SSU
52	900	11 kW	15 kW	100 SSU

Temperature of Pumped liquid

0 - 250 °C

## METERIAL OPTIONS

- Pump Body, covers and gears: Cast iron, Steel cast, stainless AISI 304 / 316
- Bearings: Snbz 12 bornze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal



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## 3" GEAR PUMP PROPERTIES

Capacity	Speed	Pressure 4 BAR	Pressure 10 BAR	Viscosity
30	300	7.5 kW	11 kW	25 000 SSU
38	350	11 kW	15 kW	7 500 SSU
48	450	11 kW	15 kW	2 500 SSU
55	450	15 kW	18.5 kW	750 SSU
65	500	15 kW	18.5 kW	100 SSU

Temperature of Pumped liquid

0 - 250 °C

## METERIAL OPTIONS

- Pump Body, covers and gears: Cast iron, Steel cast, stainless AISI 304 / 316
- Bearings: Snbz 12 bornze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal



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## 4" GEAR PUMP PROPERTIES

Capacity	Speed	Pressure 4 BAR	Pressure 10 BAR	Viscosity
38	250	11 kW	15 kW	25 000 SSU
48	300	15 kW	18.5 kW	7 500 SSU
58	400	18.5 kW	22 kW	2 500 SSU
68	450	22 kW	22 kW	750 SSU
76	500	30 kW	30 kW	100 SSU

Temperature of Pumped liquid

0 - 250 °C

## METERIAL OPTIONS

- Pump Body, covers and gears: Cast iron, Steel cast, stainless AISI 304 / 316
- Bearings: Snbz 12 bornze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal



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## 6" GEAR PUMP PROPERTIES

Capacity	Speed	Pressure 4 BAR	Pressure 10 BAR	Viscosity
60	250	22 kW	30 kW	25 000 SSU
80	300	30 kW	37 kW	7 500 SSU
100	400	37 kW	45 kW	2 500 SSU
120	450	45 kW	55 kW	750 SSU
160	500	55 kW	75 kW	100 SSU

Temperature of Pumped liquid

0 - 250 °C

## METERIAL OPTIONS

- Pump Body, covers and gears: Cast iron, Steel cast, stainless AISI 304 / 316
- Bearings: Snbz 12 bornze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal



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## 8" GEAR PUMP PROPERTIES

Capacity	Speed	Pressure 4 BAR	Pressure 10 BAR	Viscosity
120	250	45 kW	55 kW	25 000 SSU
150	300	55 kW	75 kW	7 500 SSU
180	400	75 kW	90 kW	2 500 SSU
200	450	90 kW	110 kW	750 SSU
250	500	110 kW	132 kW	100 SSU

Temperature of Pumped liquid

0 - 250 °C

## METERIAL OPTIONS

- Pump Body, covers and gears: Cast iron, Steel cast, stainless AISI 304 / 316
- Bearings: Snbz 12 bornze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal



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## 10" GEAR PUMP PROPERTIES

Capacity	Speed	Pressure 4 BAR	Pressure 10 BAR	Viscosity
160	250	55 kW	75 kW	25 000 SSU
200	300	75 kW	90 kW	7 500 SSU
250	400	90 kW	110 kW	2 500 SSU
280	450	110 kW	132 kW	750 SSU
320	500	132 kW	160 kW	100 SSU

Temperature of Pumped liquid

0 - 250 °C

## METERIAL OPTIONS

- Pump Body, covers and gears: Cast iron, Steel cast, stainless AISI 304 / 316
- Bearings: Snbz 12 bornze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal



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## 12" GEAR PUMP PROPERTIES

Capacity	Speed	Pressure 4 BAR	Pressure 10 BAR	Viscosity
180	250	90 kW	110 kW	25 000 SSU
240	300	110 kW	132 kW	7 500 SSU
280	400	132 kW	160 kW	2 500 SSU
360	450	160 kW	180 kW	750 SSU
480	500	180 kW	200 kW	100 SSU

Temperature of Pumped liquid

0 - 250 °C

## METERIAL OPTIONS

- Pump Body, covers and gears: Cast iron, Steel cast, stainless AISI 304 / 316
- Bearings: Snbz 12 bornze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal

# PetropompSad

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