



GEAR PUMP

CATALOGUE / 2025

KLÜG
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Gear pump

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C101/102

C101/102 dump truck gear pumps

◆ Ordering Code

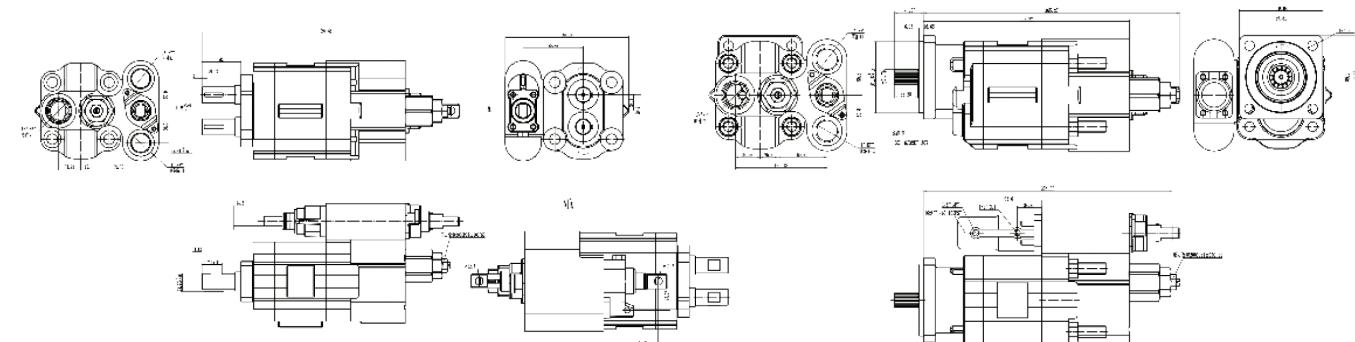
C101/102 - ** - * * * * *

(1) (2) (3) (4) (5) (6) (7)



- ① Product code
- ② Teeth width(in) 20: 2.0" 25:2.5"
- ③ 2 Circuits (without 3 circuit sleeves)
3 circuits (with 3 circuit sleeves)
- ④ Direction of rotation I: Left rotation (counterclockwise)
- ⑤ Operation style
R: Right rotation (clockwise)
AS: Pneumatic MS
- ⑥ Safety valve pressure 20: 14Mpa 25:17.5Mpa 27:20Mpa

◆ Dimension



◆ Parameter

Model	Teeth width (in)	Displacement (ml/r)	Pressure (mpa)		Speed (r/min)		Volumetric efficiency	Input power	Feature
			Specified	Max	Specified	Max			
C101-20	2	90	17/20	25	2500	2500	90	70	double-shaft
C101-25	2 1/2	112						85	
C102-20	2	90						70	
C102-25	2 1/2	112						85	Single shaft

CBH SP9-80

CBHSP9-80 Plunger pump

- ◆ High strength cast iron body
- ◆ High performance sealing, work temp. -20 °C~+120°C
- ◆ Inlet shaft: 2 kinds of rectangle spline
- ◆ Inlet/outlet port position: side in side out, side in bottom out, bottom in bottom out, etc



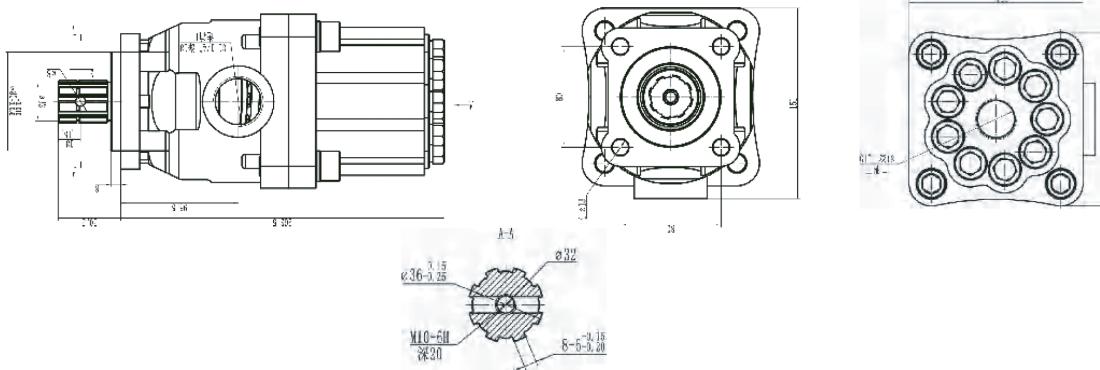
◆ Ordering Code

CBHSP9-80 - ** - BL * * *

(1) (2) (3) (4) (5) (6) (7)

- ① Model code
- ② Nominal displacement (ml/r)
- ③ Mounting B: Square flange
- ④ Joining port L: Screw
- ⑤ Shaft end Rectangle spline:
H1: 30, H2 36
- ⑥ Rotation L: Left (counterclockwise),
R: Right (clockwise)
- ⑦ Port position 1: side in side out,
2: side in bottom out,
3: bottom in bottom out,
4: bottom in side out

◆ Dimension



◆ Specifications

Model	Rated displacement ml/r	Rated pressure Mpa	Maximum pressure Mpa	Rated speed r/min	Rated speed r/min	Rotation direction
CBHSF9-80	100	25	30	800	1300	Bispin

CBHSTL

CBHSTL Double Gear pump

- ◆ High strength cast iron body, rear pump with aluminium body
- ◆ High performance sealing, work temp. -20 °C~+120°C
- ◆ Inlet shaft: rectangle spline
- ◆ Inlet/outlet port is screw



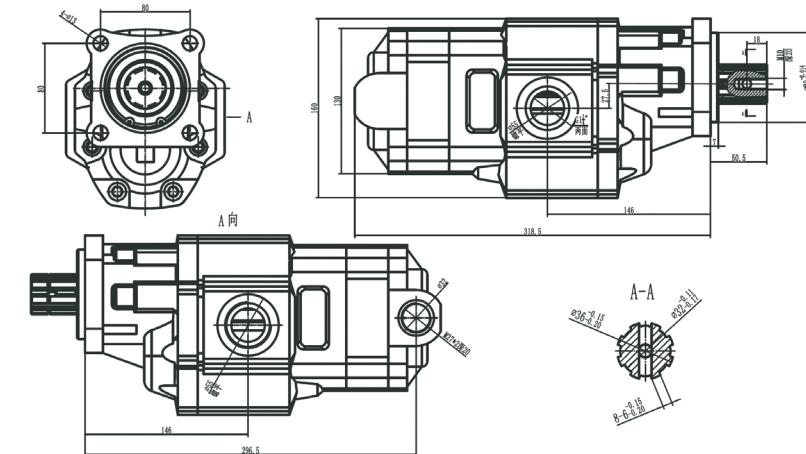
◆ Ordering Code

CBHSTL - F ** / E ** - BLH *

(1) (2) (3) (2) (3) (4) (5) (6) (7)

- ① Model code
- ② Front/rear pump pressure grade
③ F: 20Mpa, E: 16Mpa
- ④ Front/rear nominal displacement (ml/r)
- ⑤ Mounting B: Square flange
- Joining port L: Screw
- ⑥ Shaft end H: Rectangle spline:
H1: 30, H2 36
- ⑦ Rotation L: Left (counterclockwise),
R: Right (clockwise)

◆ Dimension



◆ Specifications

Model	Nom. Displacement (ml/r) Front/rear pump	Front pump pressure (mpa)		Rear pump pressure (mpa)		Speed (r/min)		Volumetric efficiency (≥ %)
		Rated	Max	Rated	Max	Rated	Max	
CBHSTL-F100/E20	100/20	20	25	16	20	2000	2500	92

CBHST5-N17**CBHST5-N17 Gear pump**

- ◆ High strength cast iron body
- ◆ Internal spline gear to connect CNHTC PTO directly
- ◆ Inlet/outlet port is screw



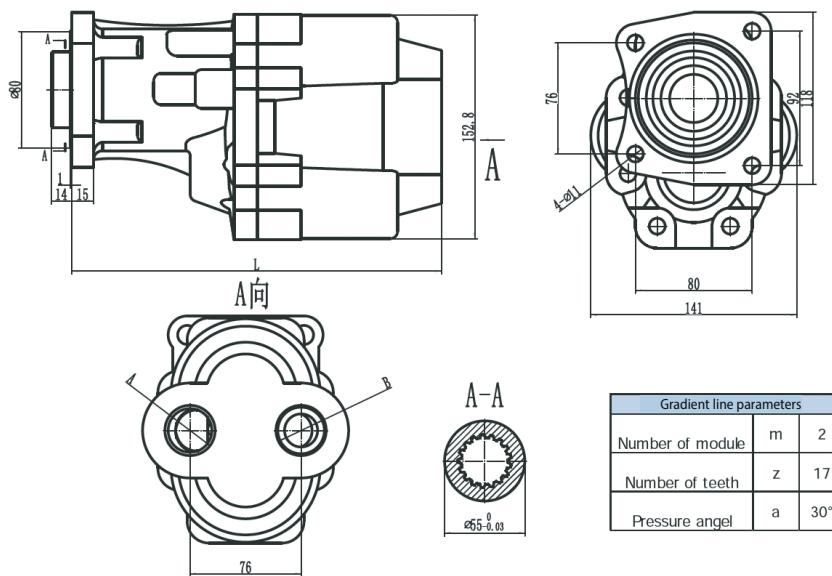
◆ Ordering Code

CBHST5-N 17 ** - B L *

① ② ③ ④ ⑤ ⑥ ⑦

- ① Model code
- ② Shaft end N: Internal gear
- ③ Number of teeth: 17
- ④ Nominal displacement (ml/r)
- Mounting B: Square flange
- ⑤ Joining port L: Screw
- ⑥ Shaft end Rectangle spline
- ⑦ Rotation L: Left (counterclockwise),
R: Right (clockwise)

◆ Dimension



◆ Specifications

Model	Nom. Displacement (ml/r)	Pressure (mpa)		Speed (r/min)		Volumetric efficiency (%)	L	Inlet	Outlet
		Rated	Max	Rated	Max			A	B
CBHST5-N17-100	100	23	25	2000	2500	92	263	MB6*1.5	MB6*1.5
CBHST5-N17-80	80						257		

NSH**NSH series gear pump**

Series BXHS gear pumps are produced with nominal pressure 160 bar and 200 bar. The basis for pump design is a long experience of factory specialists and world companies. Effective design, modern parts and high precision technological equipment provide steady efficiency during the whole service life. Gear pumps M series are manufactured for hydraulic systems with maximum pressure 200 bar. Body parts are made of special aluminum alloy. Housing is manufactured of high-strength cast iron, provide high reliability and durability of the pump.



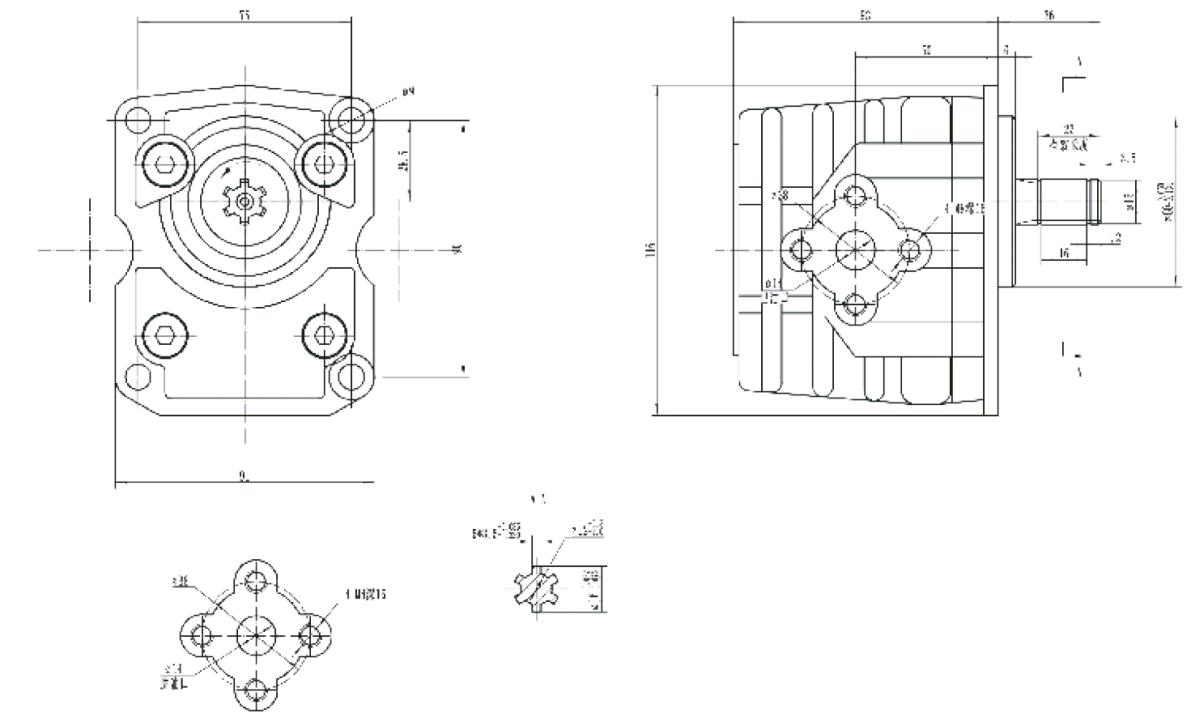
◆ Ordering Code

NSH - ** - * - *

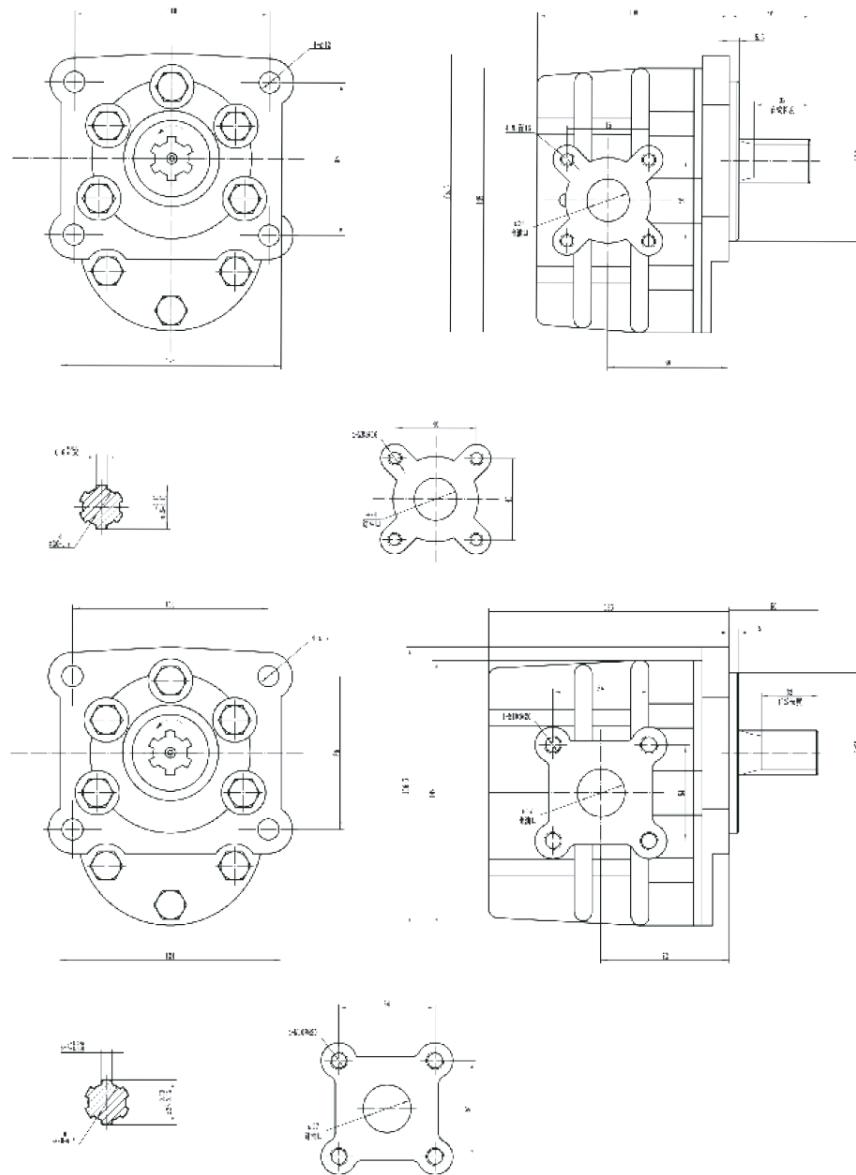
① ② ③ ④

- ① Product code
- ② Displacement: 06, 10, 14, 16, 25, 32, 40, 50, 100
- ③ Rotation L, R
- ④ Spline: Shaft with 4 splines

◆ Dimension



◆ Dimension



◆ Parameters

Model		NSH06	NSH010	NSH14	NSH16	NSH25	NSH32	NSH40	NSH50	NSH100
Displacement	cm ³ /rev	6	10	14	16	25	32	40	50	100
Maximum pressure										20
Maximum pressure										3600
Maximum pressure										500

CBHS-DL1

CBHS-DL1 Double Gear pump

- ◆ High strength cast iron body
- ◆ Square flange mounting
- ◆ Input shaft is rectangle spline
- ◆ Inlet outlet ports are flange type

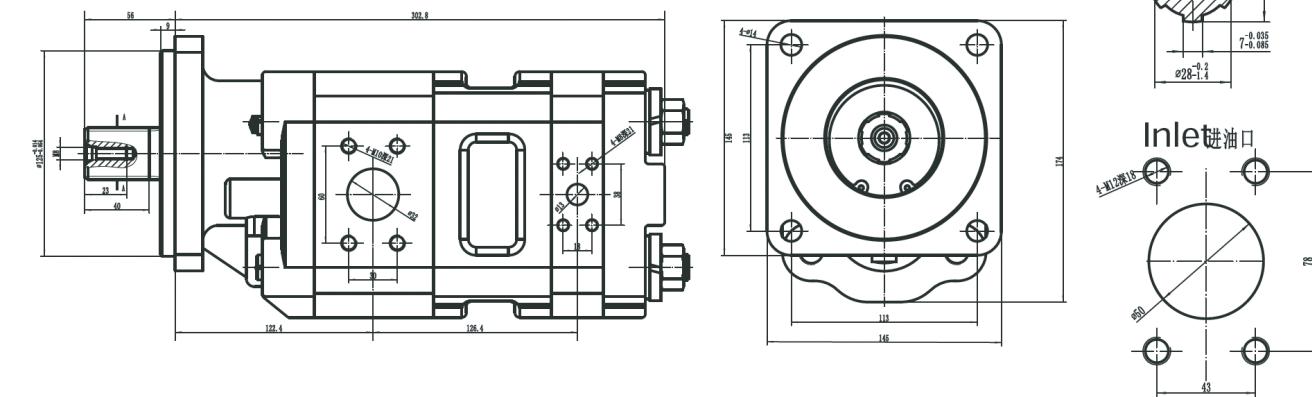


◆ Ordering Code

CBHS-DL1 ① * ② ** / ③ - ④⑤⑥ ⑦ BFH *

- ① Model code
- ② Pressure grade F:20Mpa
- ③ Front/rear nominal displacement (ml/r)
- ④ Mounting B: Square flange
- ⑤ Joining port F: Flange
- ⑥ Shaft end H: Rectangle spline
- ⑦ Rotation L: Left (counterclockwise), R: Right (clockwise)

◆ Dimension



◆ Specifications

Model	Nom. Displacement (ml/r) Front/rear pump	Pressure (mpa)		Speed (r/min)			Volumetric efficiency (> %)
		Rated	Max	Work	Rated	Max	
CBHS-DL1-F80/20	80/20	23	25	1000	2200	2500	90/89

