

Variable displacement axial piston pump type K60N

Fixed displacement axial piston pumps operate according to the bent axis principle. They have a constant delivery volume and therefore deliver a constant volumetric flow at a specific speed.

The axial piston pump type K60N is designed for open circuits in mobile hydraulics and operates based on the bent axis principle.

The pump is fitted mainly to the power take-off on commercial vehicle transmissions.

Features and benefits:

- Good performance/weight ratio
- High self-suction speed
- Different shaft and flange versions

Intended applications:

- Machines for forestry and agricultural purposes
- Cranes and lifting equipment
- Truck-mounted concrete pumps
- Municipal trucks

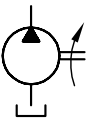


Nomenclature:	Fixed displacement axial piston pump
Design:	Single pump
p _{max} •	400 bar
V _{g max} •	12... 108 cm ³ /rev

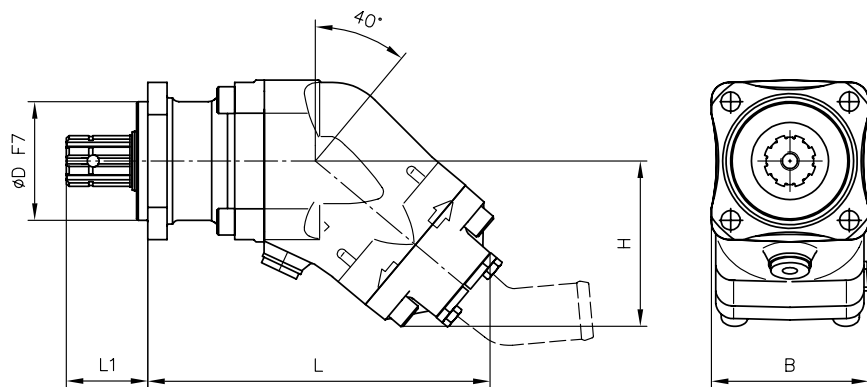
Design and order coding example

K60N	- 064	R	S	F	N	- S - F12
Basic type						
Nominal size						
Rotating direction						
Shaft version						
Flange version						
Seal material						
Additional versions						
Bypass valve						

Function



General parameters and dimensions



Parameters

	Geom. output volume	Nom. pressure	Self-suction speed	Dimensions [mm]					m [kg]
	V_g [cm ³ /rev]	$p_{nom} (p_{max})$ [bar]	n [rpm]	L	L1	H	B	ØD	
K60N - 012	12,6	400	3300	207	48	145	95	80/101.6/--	7,5
K60N - 017	17,0	400	3200						
K60N - 025	25,4	400	2550	209	53	156	118	80/101.6/--	8,5
K60N - 034	34,2	400	2250						
K60N - 040	41,2	400	2200	246	67	185	143	80/101.6/127	15,5
K60N - 047	47,1	400	2200						
K60N - 056	56,0	400	2100						
K60N - 064	63,6	400	2050						
K60N - 084	83,6	400	1700	276	72	212	160	80/--/127	27,0
K60N - 090	90,7	400	1700						
K60N - 108	108,0	400	1700	276	85	231	180	80/--/127	29,5
K60N - 130	130,0	350	1600						

Associated technical data sheets:

- Fixed displacement axial piston pump type K60N: [D 7960 K](#)

Similar products:

- Variable displacement axial piston pump type V30D: [D 7960](#)
- Variable displacement axial piston pump type V30E: [D 7960 E](#)
- Variable displacement axial piston pump type V40M: [D 7961](#)
- Variable displacement axial piston pump type V60N: [D 7960 N](#)
- Variable displacement axial piston pump V80M: [D 7962 M](#)
- Axial piston motors type M60N: [D 7960 M](#)

Suitable prop. directional spool valves:

- Types PSL/PSV sizes 2, 3 and 5: [D 7700-2](#), [D 7700-3](#), [D 7700-5](#)
- Type PSLF/PSVF sizes 3, 5 and 7: [D 7700-3F](#), [D 7700-5F](#), [D 7700-7F](#)

Suitable load-holding valves:

- Type LHK, LHDV, LHT: [D 7100](#), [D 7770](#), [D 7918](#)