

2PE

Bent Axis Piston Pump - SAE



2PE Pumps have the following advantages ;

- Compact Design,
- Economical Conception,
- High Power Density,
- High Overall Efficiency,
- High Rotating Speeds,
- High Output Pressure,
- 350 bar Cont. Work. Pressure,
- 400 bar Peak Pressure,
- From 5cc to 130cc,
- Reduced Noise Level,
- Increased Reliability,
- No Drain Line Necessary,
- Smaller Installation Dimensions,
- One Piece Pistons with Piston Rings,
- Special Inlet Fittings & Accessories,
- Simple Change of Direction of Rotation

Other Advantages of 2PE

New frame sizes to meet market requirements.

For use in mobile & industrial and stationary applications areas.

The pump drive shaft bearings are designed to give the service life expected in these areas of operation.

Interchangeable with other bent axis pumps.

40° bent axis design giving high power, small overall dimensions, optimum efficiency and economic design. Flange and shaft designed for direct mounting on truck gearbox PTO's. The fixed displacement bent axis pumps generates a hydraulic fluid flow. It is designed for use in trucks, commercial vehicles and all stationary hydraulic applications. The 2PE is a fixed pump with rotary group in bent-axis design open circuits. Flow is proportional to drive speed and displacement.

For axial piston units with bent-axis design, the Pistons are arranged diagonally with respect to the drive shaft. The pump covers the whole displacement range 5 to 130 cm³/rev. The pump has been developed with modern styling and design to satisfy market demand as to designed new generation plate and pistons with give high flow performance, high pressures with high efficiency and very small dimensions.

The pump is available both to DIN and SAE world standards and can be mounted either directly at the gear box or via a drive shaft. If necessary it can also be augmented with a by-pass valve. Other brand bent axis pumps compatible and interchangeable with 2PE bent axis pumps. Refer to the data sheet and order confirmation for the technical data, operating conditions and operating limits of the bent axis piston pumps.

Ordering Code of 2PE Pumps

Pump Code	Displacement (cm ³)	Direction of Rotation	Version	Sealing	Inlet Fittings
2PE	108	L	S	N	A
					A Suction Fittings Included
				N Nitrile	
			S Special Version	C Classic Version	
		L Rotation : Left / CCW	R Rotation : Right / CW		
	5 12 18 25 32 40 50 56 63 80 108 130				
	SAE A-B SAE B SAE B SAE C SAE C SAE C SAE C SAE C SAE C SAE C SAE C-D SAE D				

2PE Bent Axis Piston Pump, Fixed Displacement, 350 @ 400 bar.

Special Version ; Back Cover
Drive Shaft
Mounting Flange

Formulas

Pump Output Flow	GPM	$GPM = (Speed \text{ (rpm)} \times disp. \text{ (cu. in.)}) / 231$	$GPM = (n \times d) / 231$
Pump Input Horsepower	HP	$HP = GPM \times Pressure \text{ (psi)} / 1714 \times Efficiency$	$HP = (Q \times P) / 1714 \times E$
Pump Efficiency	E	Overall Efficiency = Output HP / Input HP	$E_{overall} = HP_{out} / HP_{in} \times 100$
		Overall Efficiency = Volumetric Eff. $\times$ Mechanical Eff.	$E_{overall} = EffVol. \times EffMech.$
Pump Volumetric Efficiency	E	Volumetric Efficiency = Actual Flow Rate Output (GPM) / Theoretical Flow Rate Output (GPM) $\times$ 100	$EffVol. = Q_{act.} / Q_{theo.} \times 100$
Pump Mechanical Efficiency	E	Mechanical Efficiency = Theoretical Torque to Drive / Actual Torque to Drive $\times$ 100	$EffMech = T_{theo.} / T_{act.} \times 100$
Pump Displacement	CIPR	$Displcmnt \text{ (In.}^3 \text{ / rev.)} = Flow \text{ Rate (GPM)} \times 231 / Pump \text{ RPM}$	$CIPR = GPM \times 231 / RPM$
Pump Torque	T	Torque = Horsepower $\times$ 63025 / RPM	$T = 63025 \times HP / RPM$
		Torque = Pressure (PSIG) $\times$ Pump Displacement (CIPR) / 2π	$T = P \times CIPR / 6.28$

Horsepower for driving a pump : For every 1 hp of drive, the equivalent of 1 gpm @ 1500 psi can be produced.

Horsepower for idling a pump : To idle a pump when it is unloaded will require about 5% of it's full rated power

Wattage for heating hydraulic oil : Each watt will raise the temperature of 1 gallon of oil by 1° F. per hour.

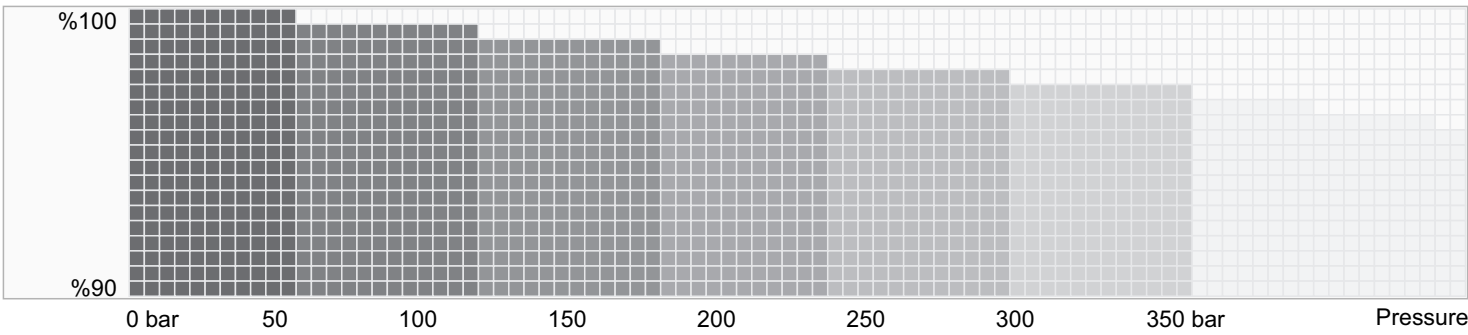
Flow velocity in hydraulic lines : Pump suction lines 2 to 4 feet per second, pressure lines up to 500 psi - 10 to 15 ft./sec., pressure lines 500 to 3000 psi - 15 to 20 ft./sec.; all oil lines in air-over-oil systems; 4 ft./sec.

Technical Data

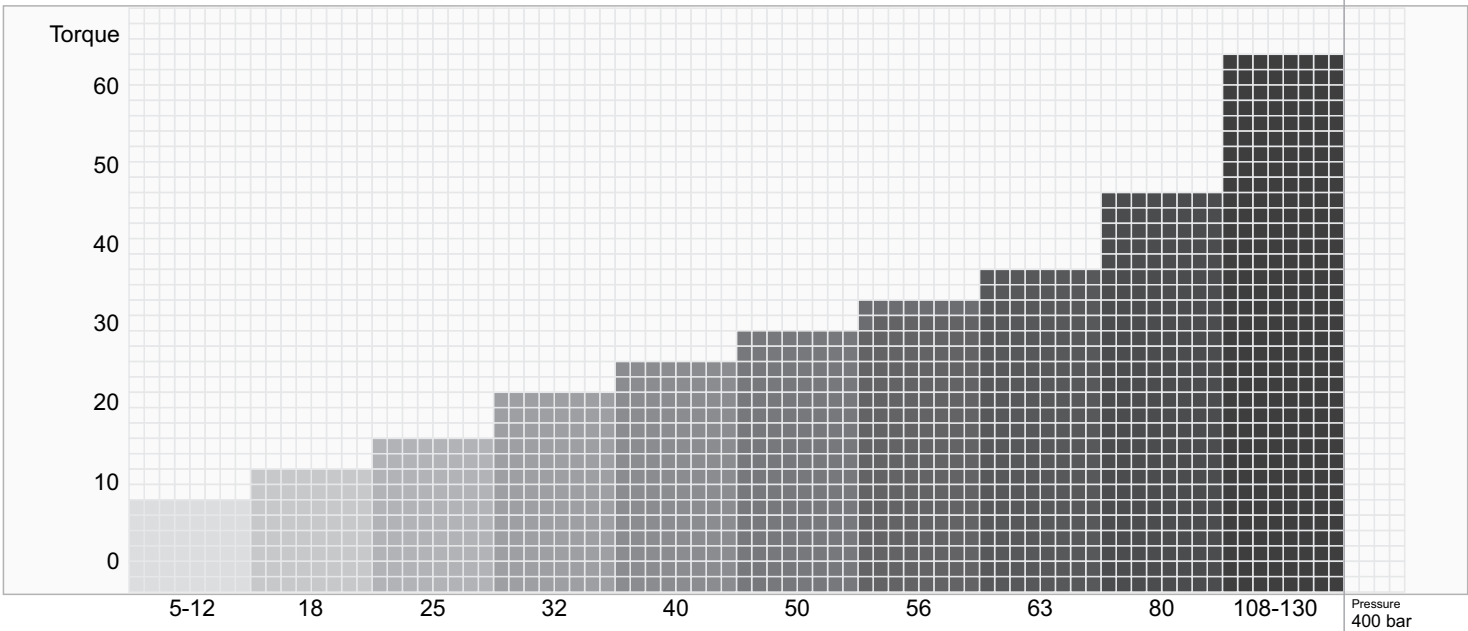
[illegible]

Performance

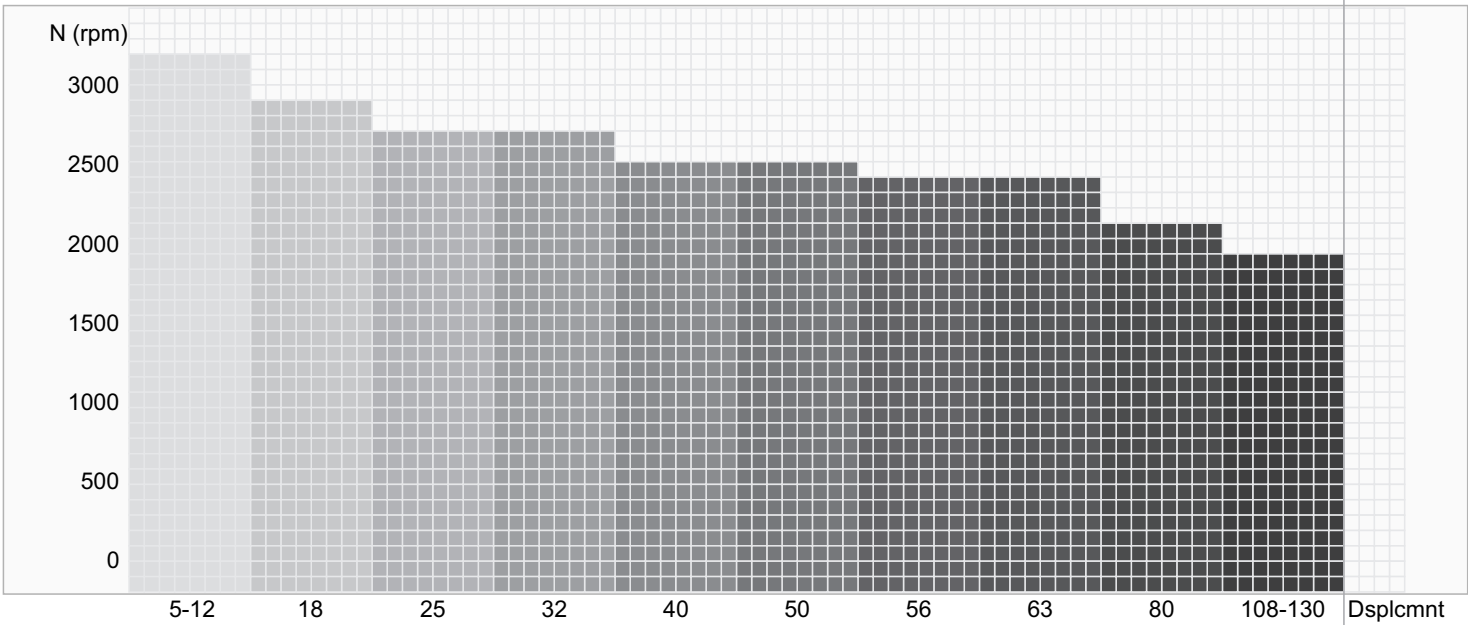
Efficiency Curves (1000 rpm)



Torque with Pump Output Pressure

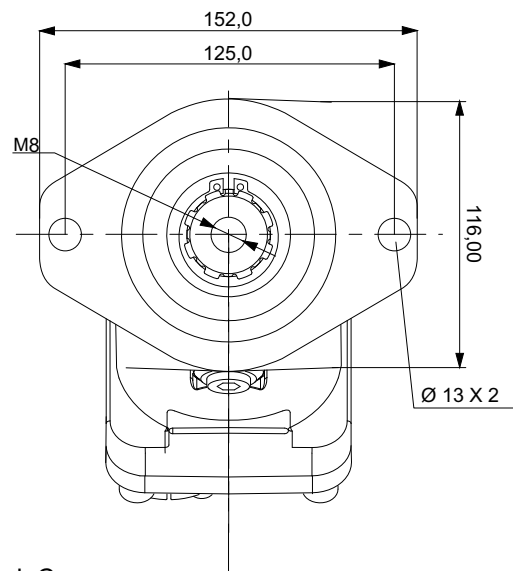
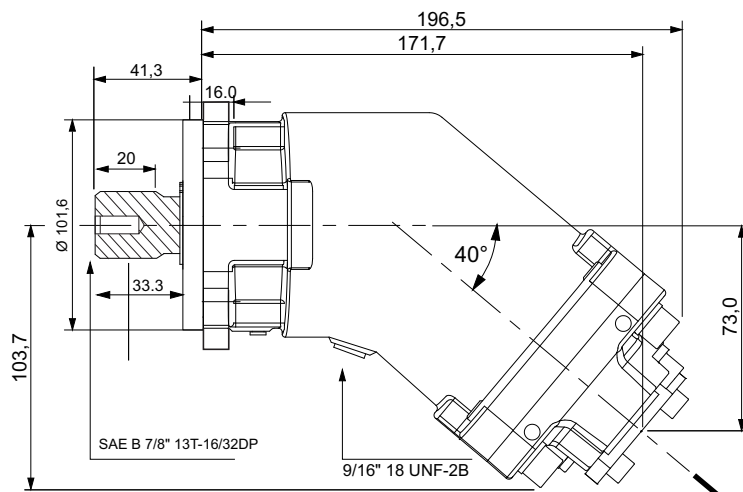


Flow with Pump Speed



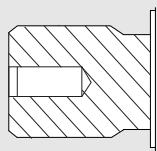
2PE 5 - SAE A - 2 BOLT

SAE A - 2 BOLT MOUNTING FLANGE



Spline Shaft

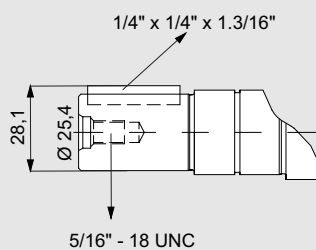
ALL SPLINED SPECIAL DIMENSION
SHAFTS AVAILABLE



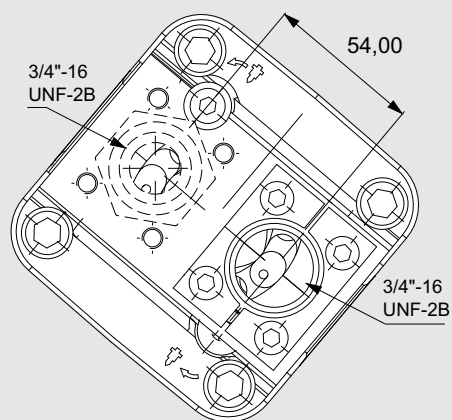
13T-16/32DP 30° Class 5

Keyed Shaft

**ALL KEYED SPECIAL DIMENSION
SHAFTS AVAILABLE**

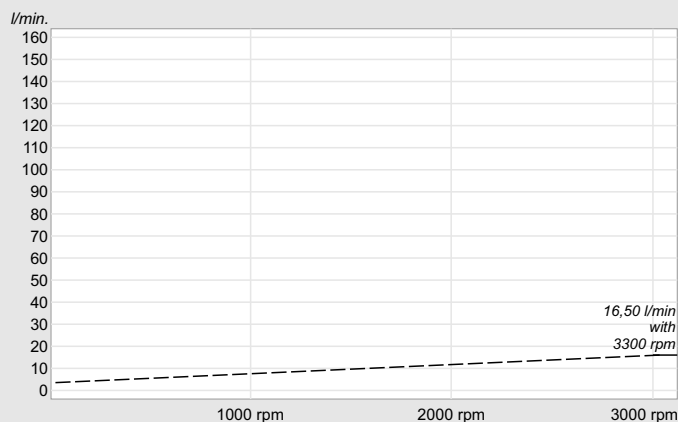


Back Cover



Flow, Speed, Pressure List of 2PE 5

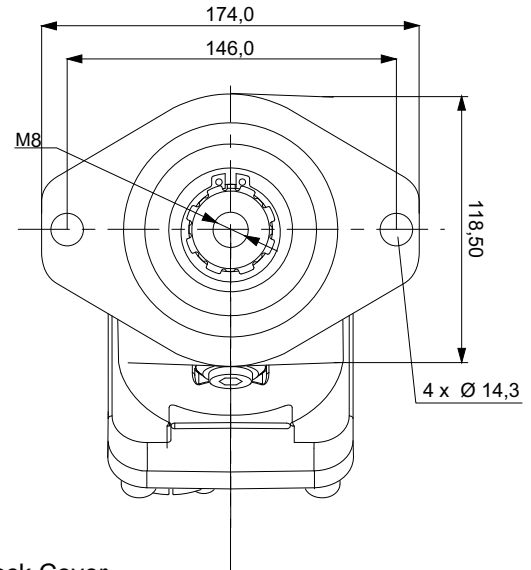
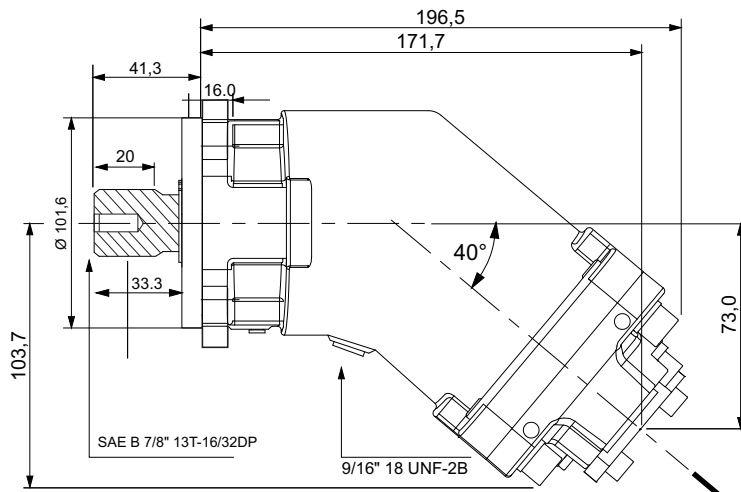
x 1000 rpm	5,00 cc
x 1500 rpm	7,50 cc
Max. Continuous Pump Speed	2500 rpm
Max. Limited Pump Speed	3300 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	66 Nm
Weight without inlet fitting	9,00 kg
Weight with inlet fitting	9,45 kg
Rotation	CW-CCW



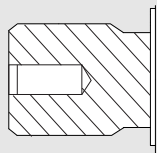
2PE 5 - SAE B - 2 BOLT

SAE B 7/8" 13T-16/32DP

SAE B - 2 BOLT MOUNTING (SAE J744)

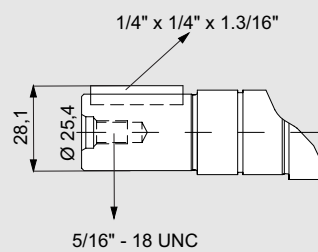


Spline Shaft

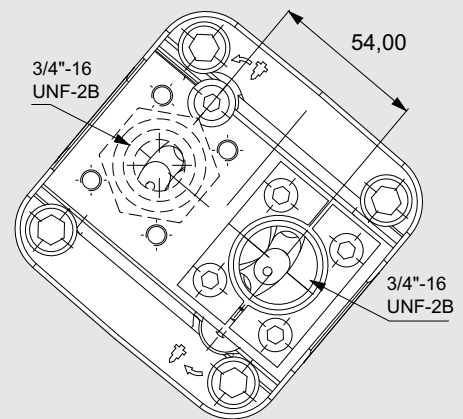


13T-16/32DP 30° Class 5

Keyed Shaft

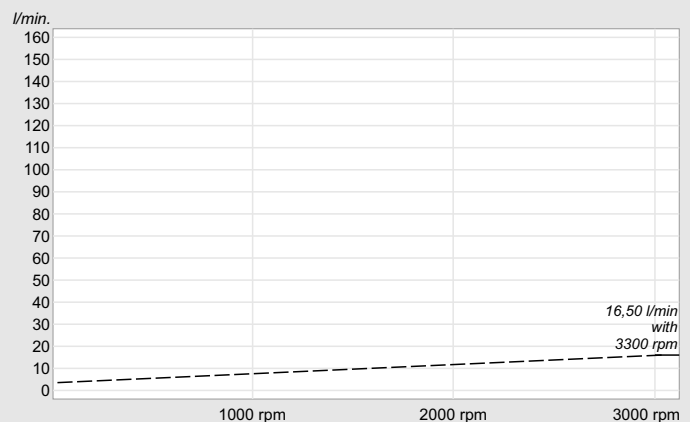


Back Cover



x 1000 rpm	5,00 cc
x 1500 rpm	7,50 cc
Max. Continuous Pump Speed	2500 rpm
Max. Limited Pump Speed	3300 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	66 Nm
Weight without inlet fitting	9,00 kg
Weight with inlet fitting	9,45 kg
Rotation	CW-CCW

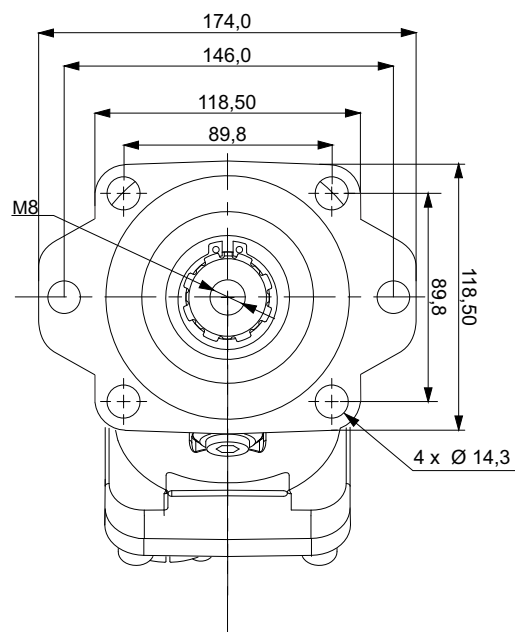
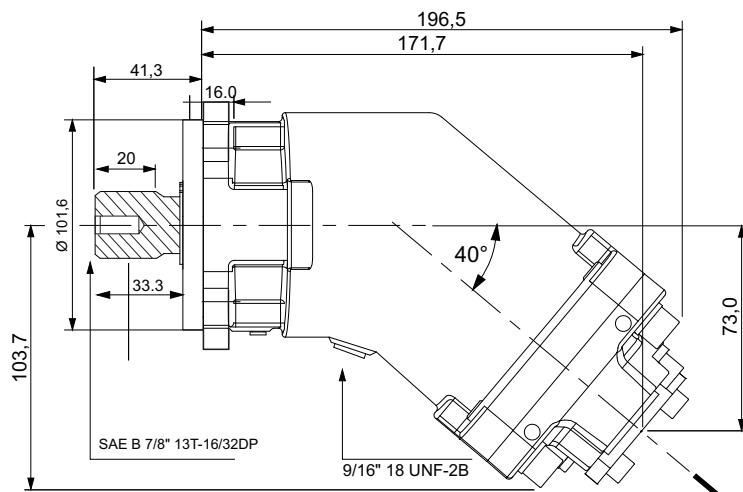
Flow, Speed, Pressure List of 2PE 5



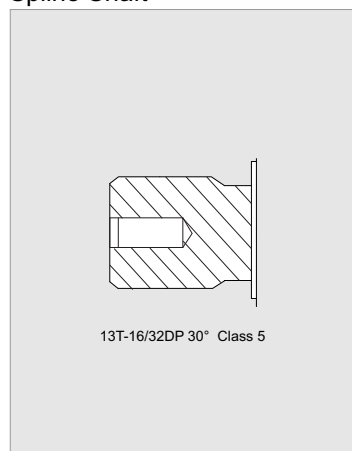
2PE 5 - SAE B - 6 BOLT

SAE B 7/8" 13T-16/32DP

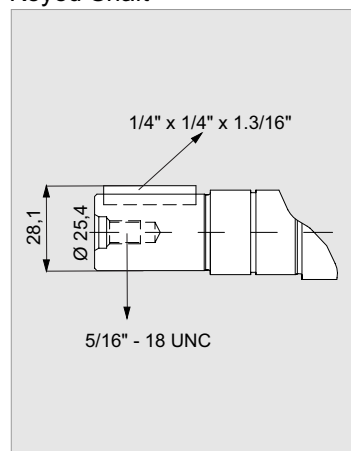
SAE B - 6 BOLT MOUNTING (SAE J744)



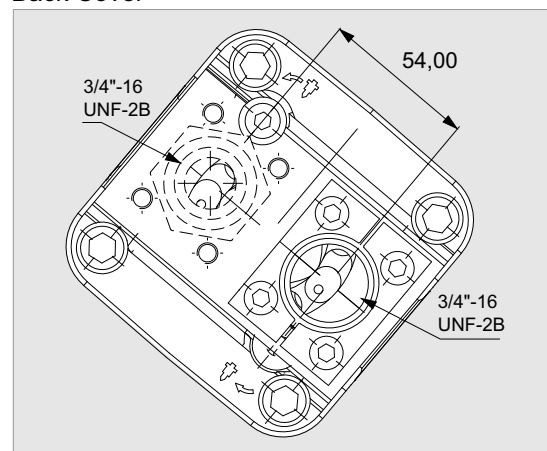
Spline Shaft



Keyed Shaft

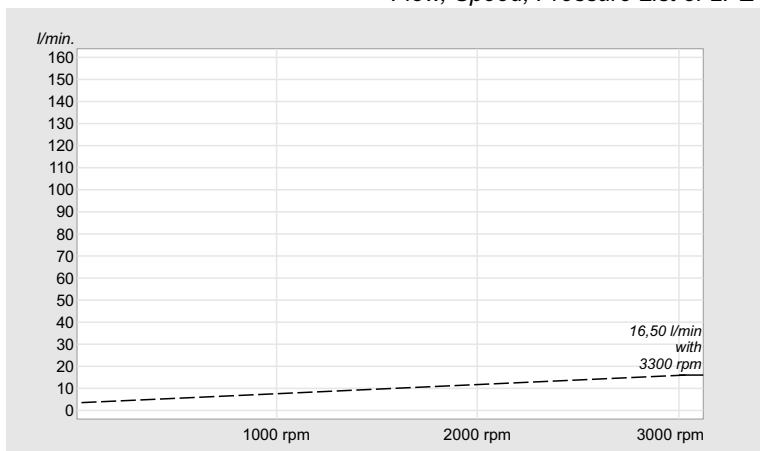


Back Cover



Flow, Speed, Pressure List of 2PE 5

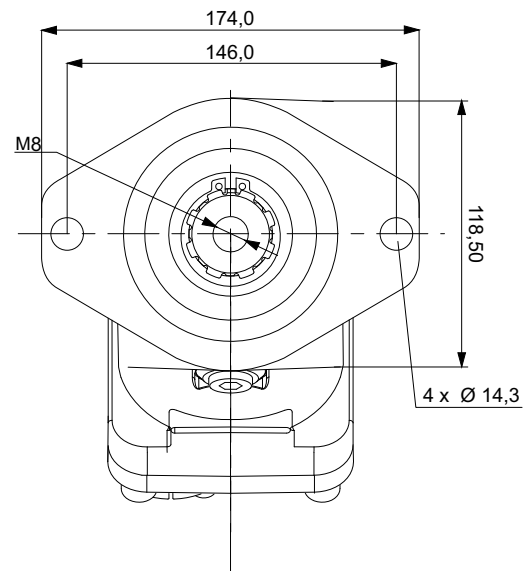
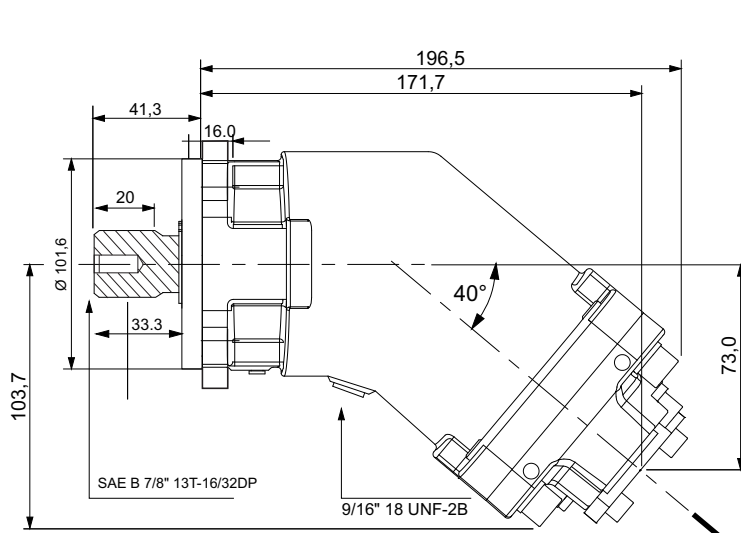
x 1000 rpm	5,00 cc
x 1500 rpm	7,50 cc
Max. Continuous Pump Speed	2500 rpm
Max. Limited Pump Speed	3300 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	66 Nm
Weight without inlet fitting	9,00 kg
Weight with inlet fitting	9,45 kg
Rotation	CW-CCW



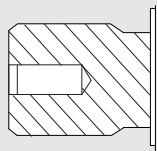
2PE 12 - SAE B - 2 BOLT

SAE B 7/8" 13T-16/32DP

SAE B - 2 BOLT MOUNTING (SAE J744)

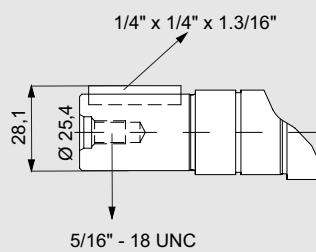


Spline Shaft

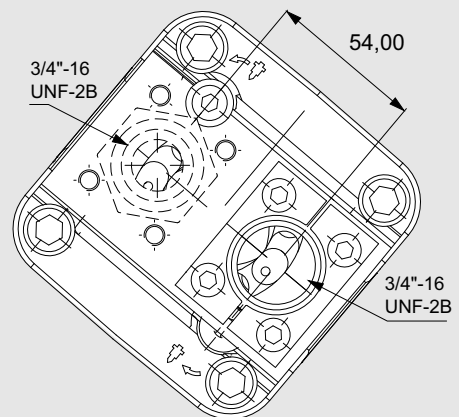


13T-16/32DP 30° Class 5

Keyed Shaft

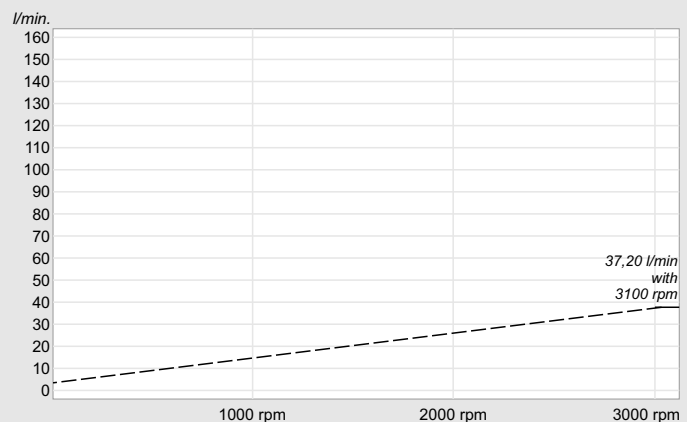


Back Cover



Flow, Speed, Pressure List of 2PE 12

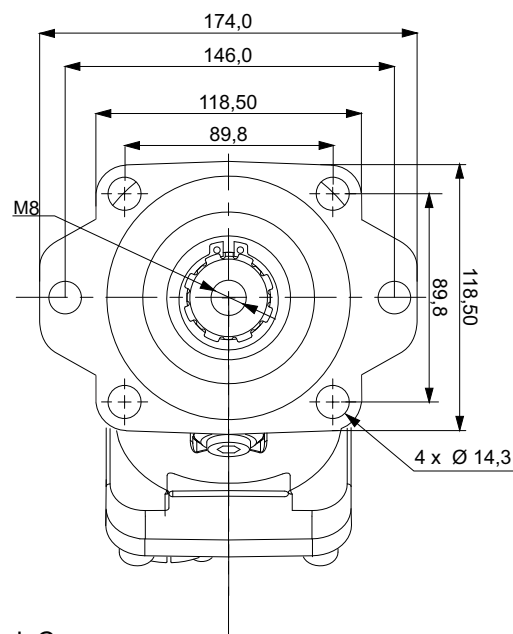
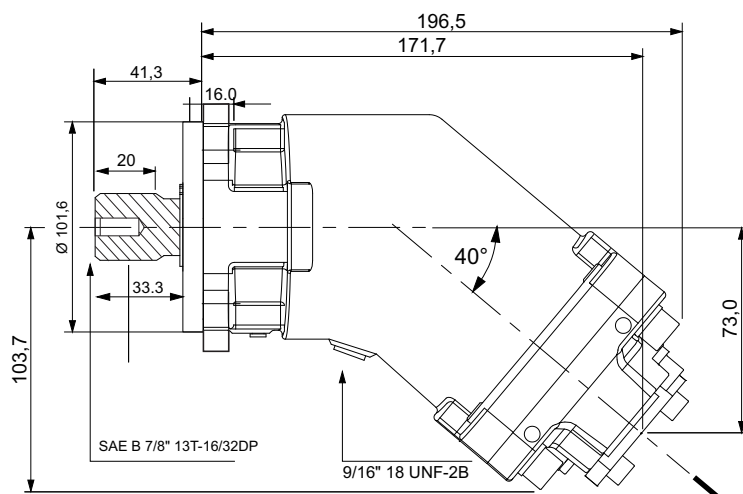
x 1000 rpm	12,00 cc
x 1500 rpm	18,00 cc
Max. Continuous Pump Speed	2300 rpm
Max. Limited Pump Speed	3100 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	71 Nm
Weight without inlet fitting	10,00 kg
Weight with inlet fitting	10,40 kg
Rotation	CW-CCW



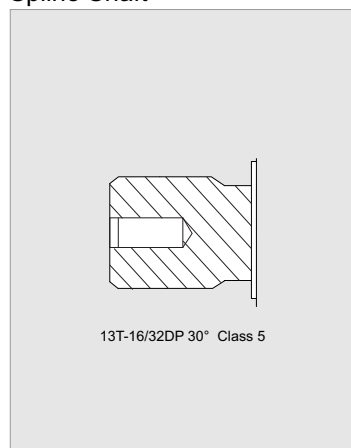
2PE 12 - SAE B - 6 BOLT

SAE B 7/8" 13T-16/32DP

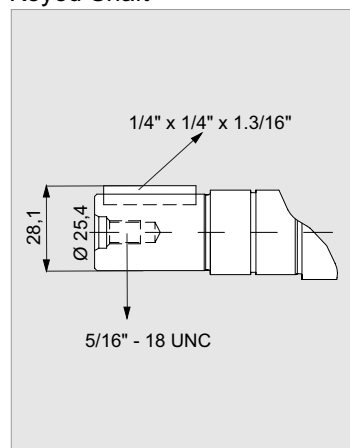
SAE B - 6 BOLT MOUNTING (SAE J744)



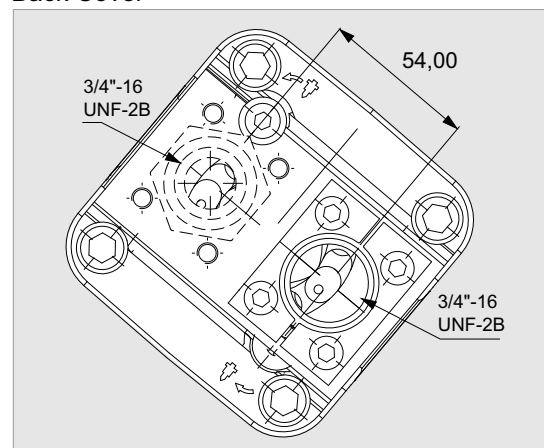
Spline Shaft



Keyed Shaft

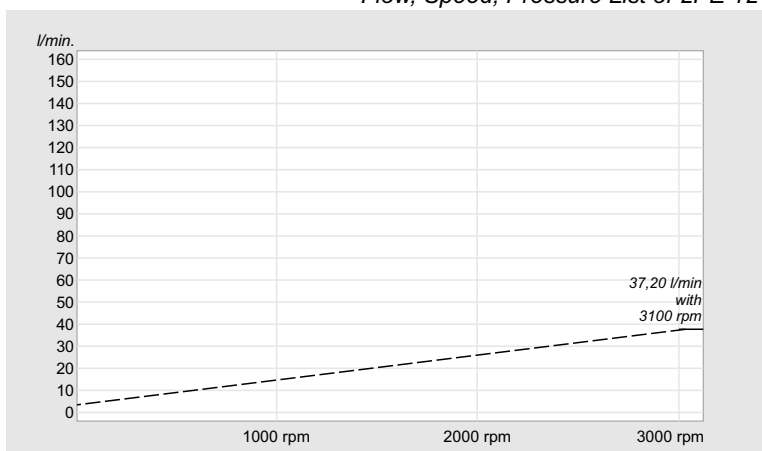


Back Cover



Flow, Speed, Pressure List of 2PE 12

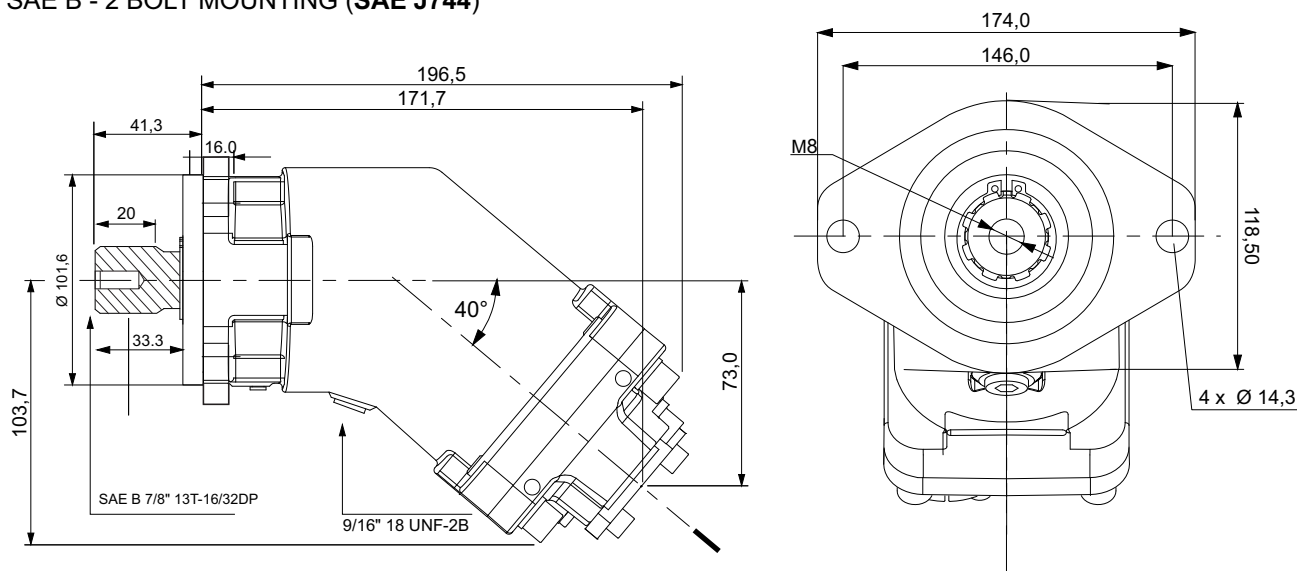
x 1000 rpm	12,00 cc
x 1500 rpm	18,00 cc
Max. Continuous Pump Speed	2300 rpm
Max. Limited Pump Speed	3100 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	71 Nm
Weight without inlet fitting	10,00 kg
Weight with inlet fitting	10,40 kg
Rotation	CW-CCW



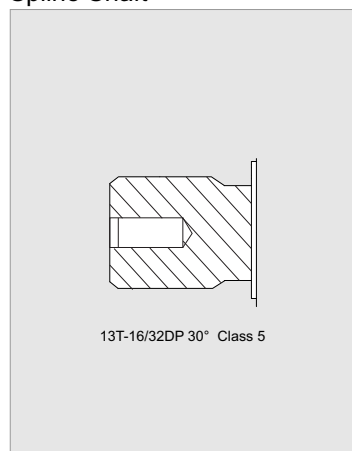
2PE 18 - SAE B - 2 BOLT

SAE B 7/8" 13T-16/32DP

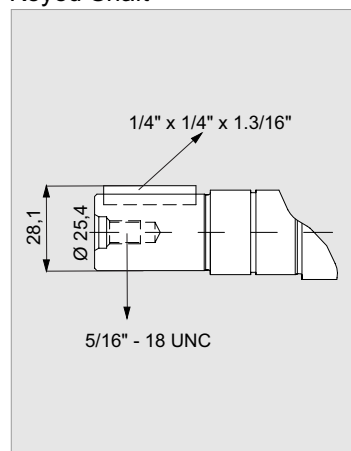
SAE B - 2 BOLT MOUNTING (SAE J744)



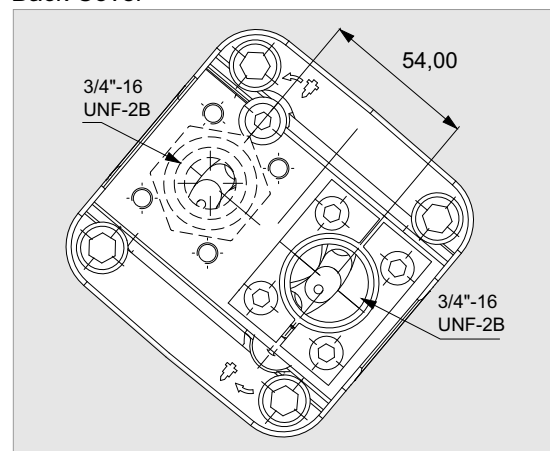
Spline Shaft



Keyed Shaft

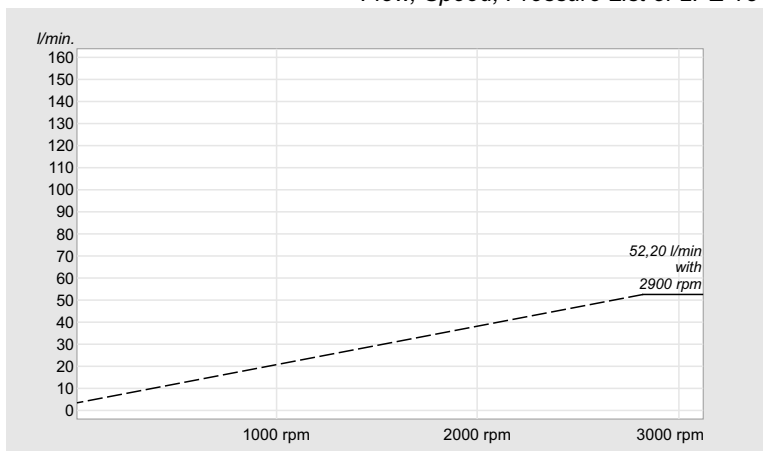


Back Cover



Flow, Speed, Pressure List of 2PE 18

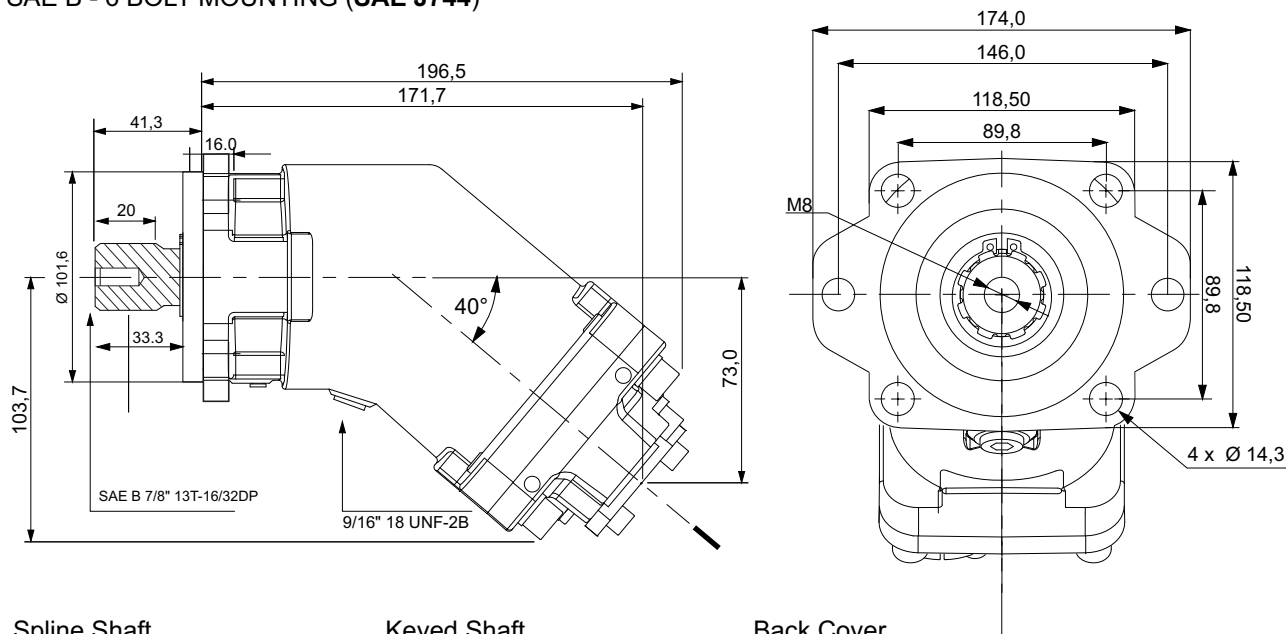
x 1000 rpm	18,00 cc
x 1500 rpm	27,00 cc
Max. Continuous Pump Speed	2300 rpm
Max. Limited Pump Speed	2900 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	105 Nm
Weight without inlet fitting	10,00 kg
Weight with inlet fitting	10,40 kg
Rotation	CW-CCW



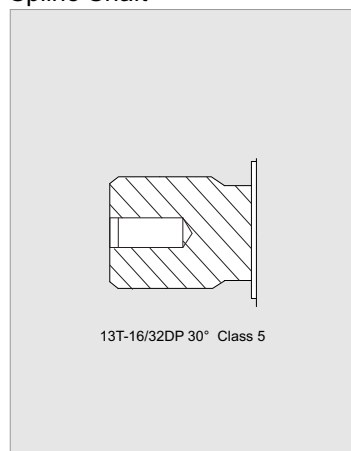
2PE 18 - SAE B - 6 BOLT

SAE B 7/8" 13T-16/32DP

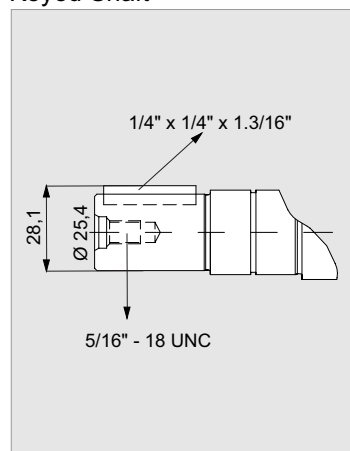
SAE B - 6 BOLT MOUNTING (SAE J744)



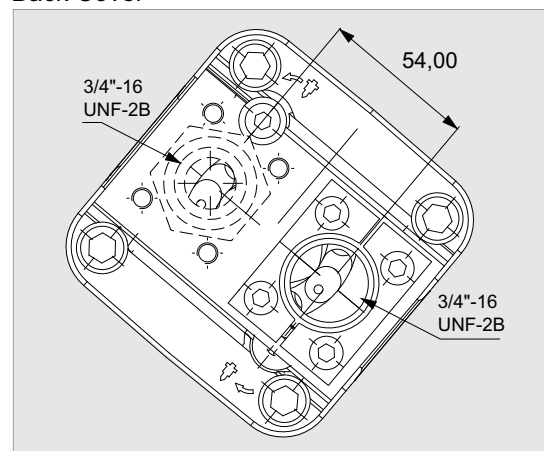
Spline Shaft



Keyed Shaft

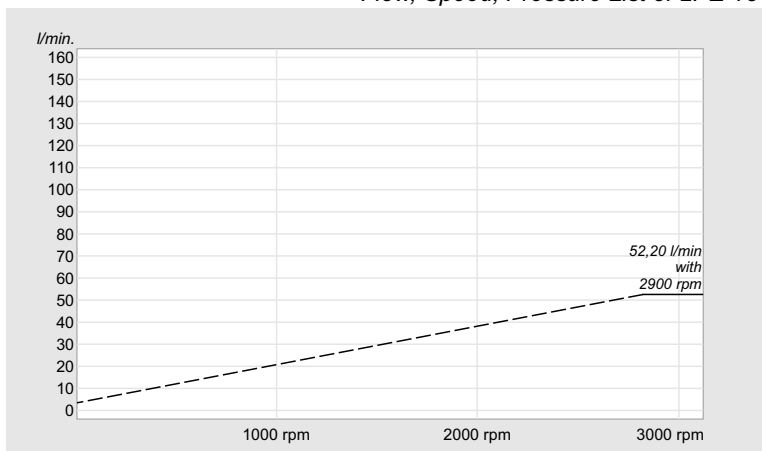


Back Cover



Flow, Speed, Pressure List of 2PE 18

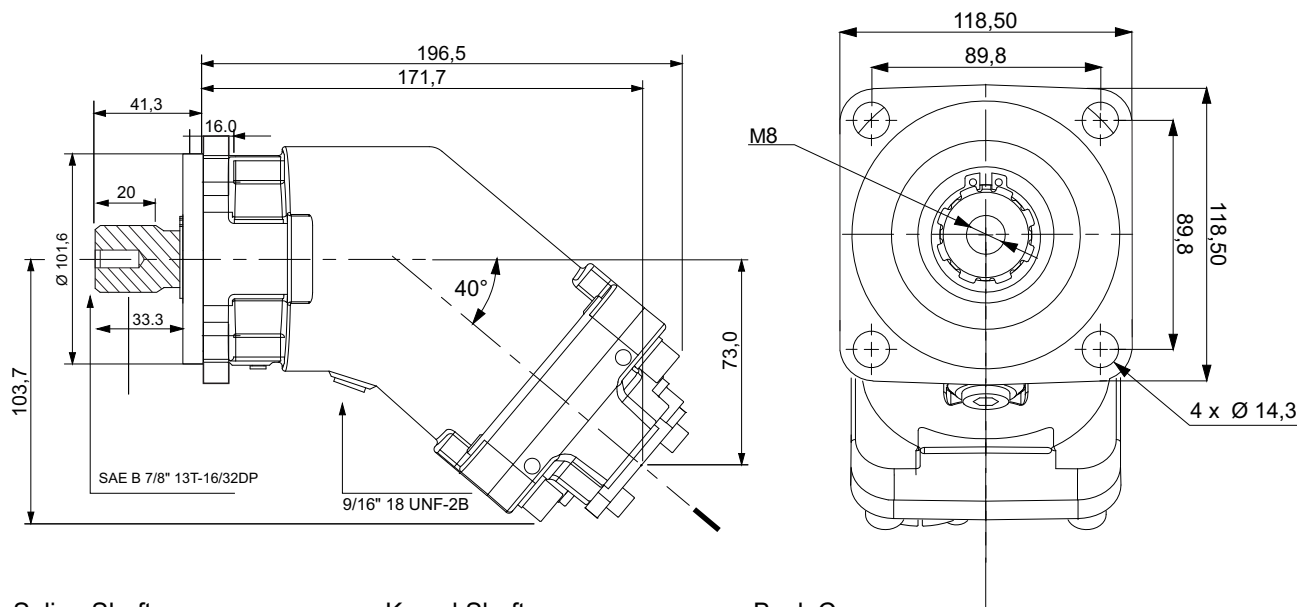
x 1000 rpm	18,00 cc
x 1500 rpm	27,00 cc
Max. Continuous Pump Speed	2300 rpm
Max. Limited Pump Speed	2900 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	105 Nm
Weight without inlet fitting	10,00 kg
Weight with inlet fitting	10,40 kg
Rotation	CW-CCW



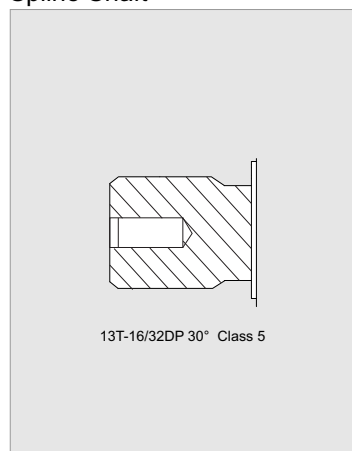
2PE 25 - SAE C - 4 BOLT

SAE B 7/8" 13T-16/32DP

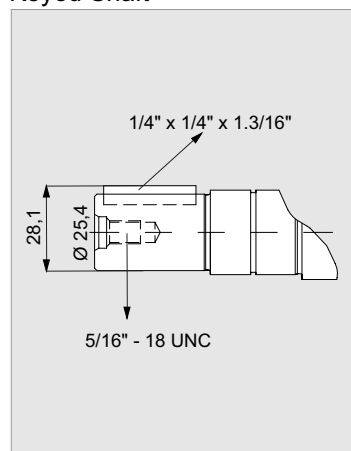
SAE C - 4 BOLT MOUNTING (SAE J744)



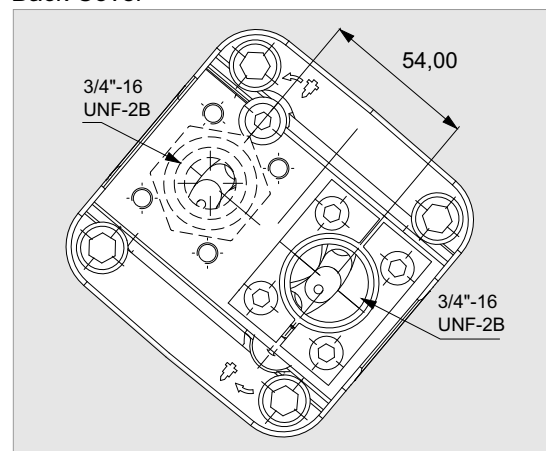
Spline Shaft



Keyed Shaft

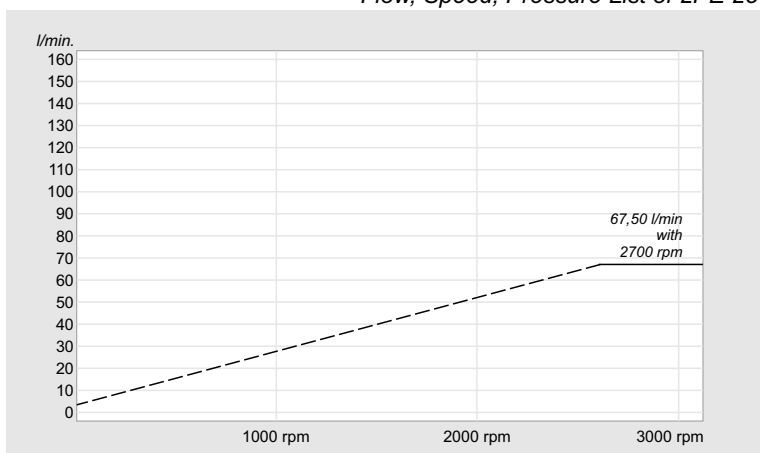


Back Cover



Flow, Speed, Pressure List of 2PE 25

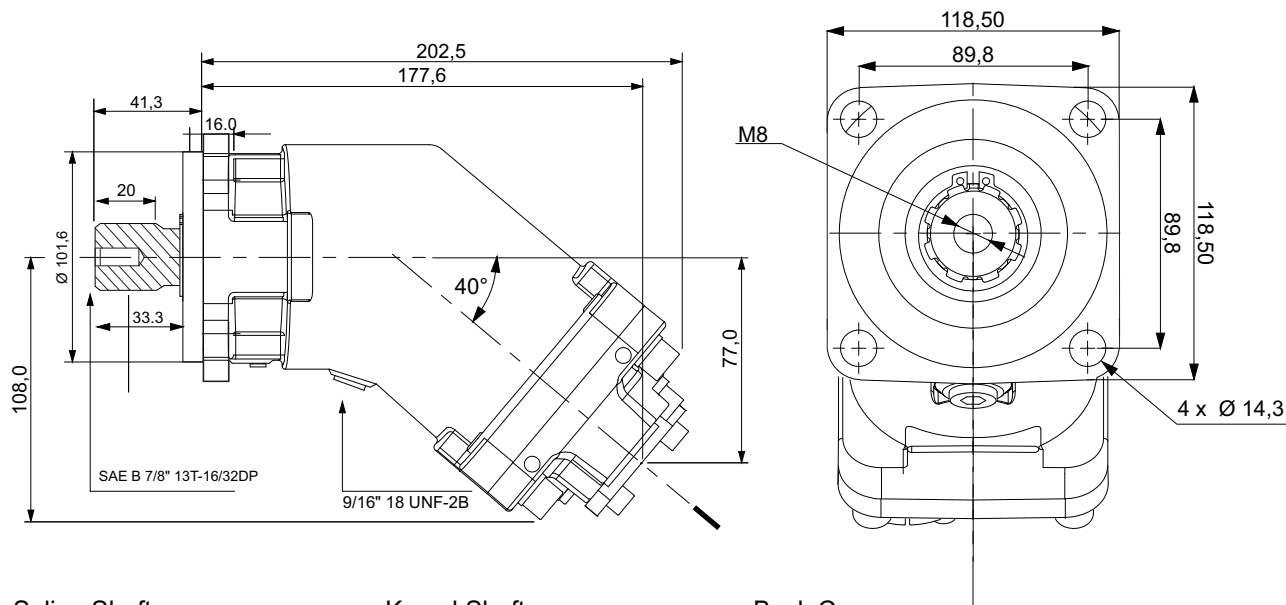
x 1000 rpm	25,00 cc
x 1500 rpm	37,50 cc
Max. Continuous Pump Speed	2300 rpm
Max. Limited Pump Speed	2700 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	146 Nm
Weight without inlet fitting	10,50 kg
Weight with inlet fitting	10,90 kg
Rotation	CW-CCW



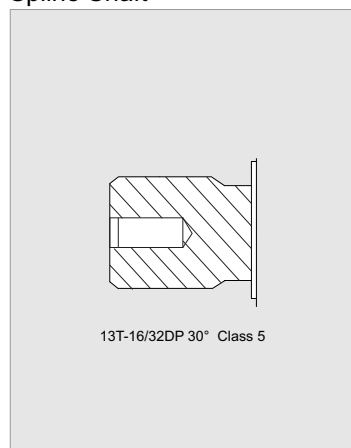
2PE 32 - SAE C - 4 BOLT

SAE B 7/8" 13T-16/32DP

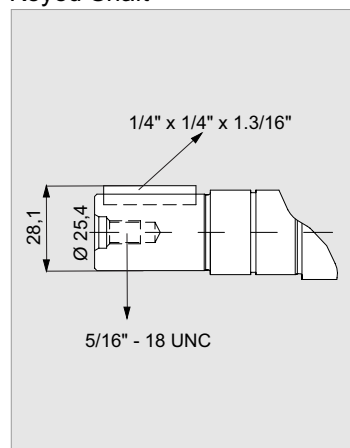
SAE C - 4 BOLT MOUNTING (SAE J744)



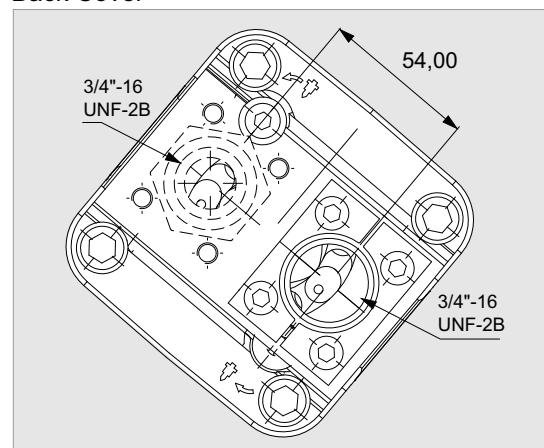
Spline Shaft



Keyed Shaft

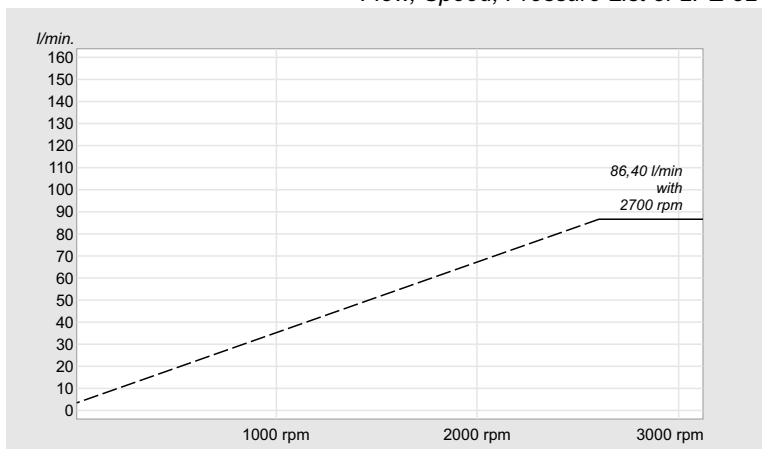


Back Cover



Flow, Speed, Pressure List of 2PE 32

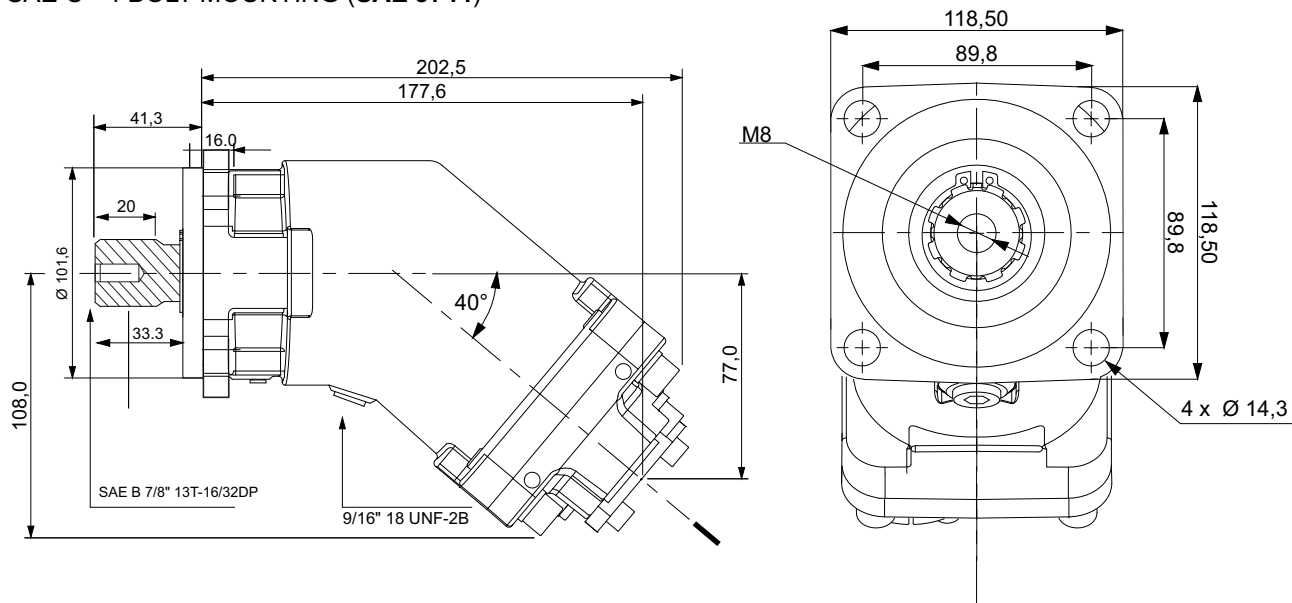
x 1000 rpm	32,00 cc
x 1500 rpm	48,00 cc
Max. Continuous Pump Speed	2250 rpm
Max. Limited Pump Speed	2700 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	190 Nm
Weight without inlet fitting	11,50 kg
Weight with inlet fitting	11,90 kg
Rotation	CW-CCW



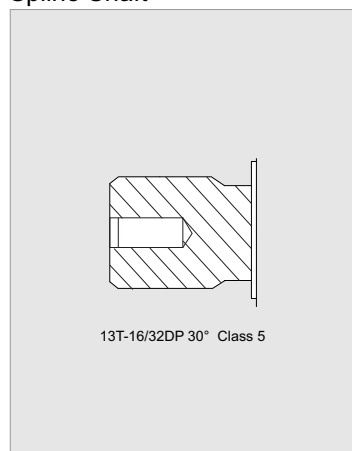
2PE 40 - SAE C - 4 BOLT

SAE B 7/8" 13T-16/32DP

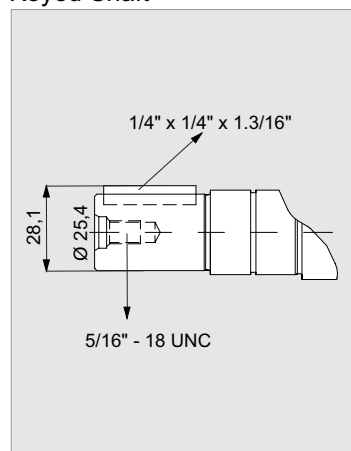
SAE C - 4 BOLT MOUNTING (SAE J744)



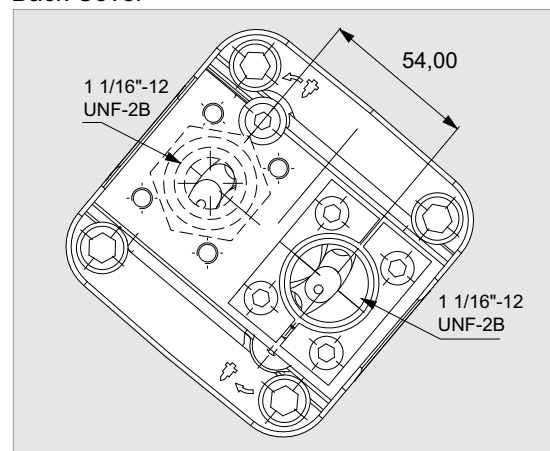
Spline Shaft



Keyed Shaft

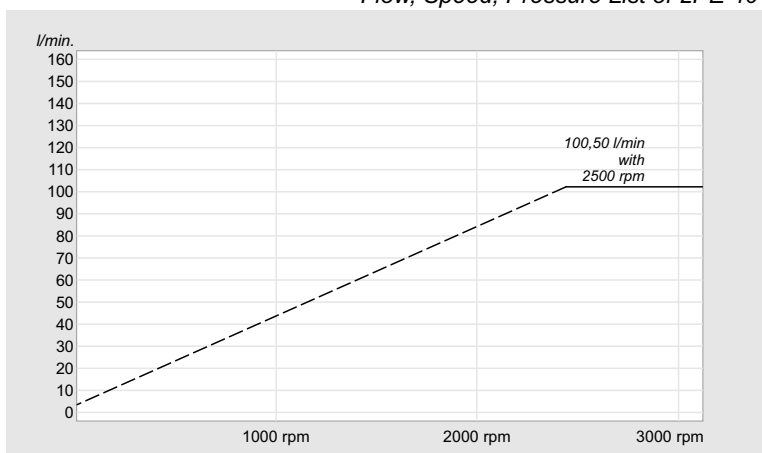


Back Cover



Flow, Speed, Pressure List of 2PE 40

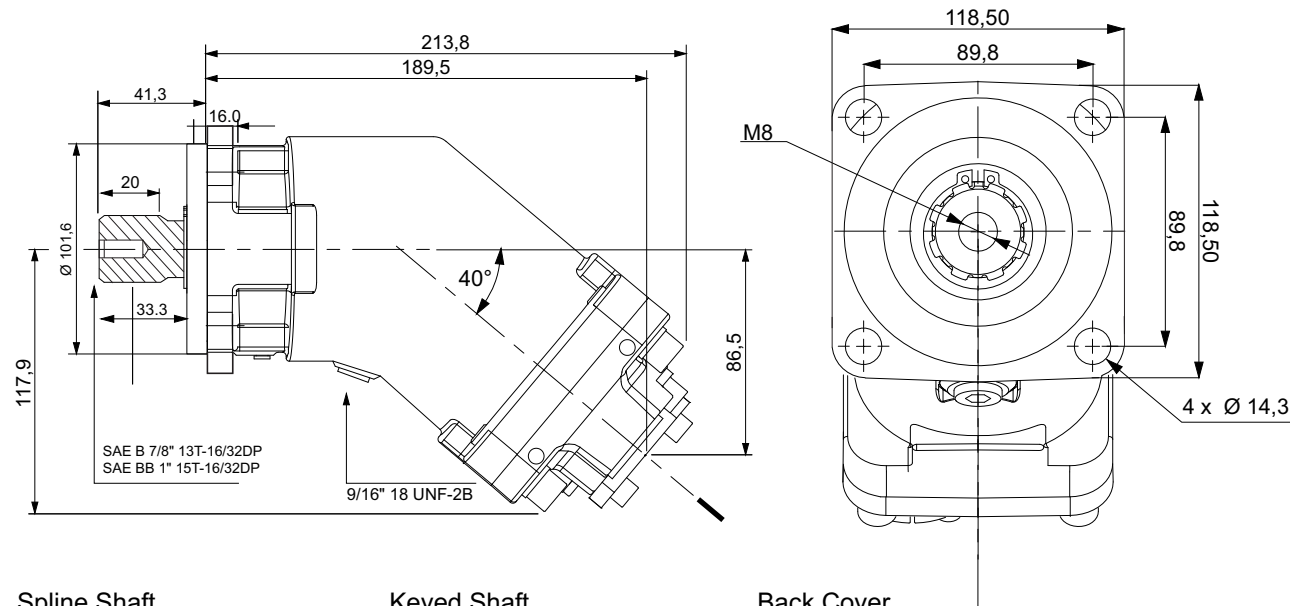
x 1000 rpm	40,20 cc
x 1500 rpm	60,30 cc
Max. Continuous Pump Speed	1900 rpm
Max. Limited Pump Speed	2500 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	240 Nm
Weight without inlet fitting	11,50 kg
Weight with inlet fitting	11,90 kg
Rotation	CW-CCW



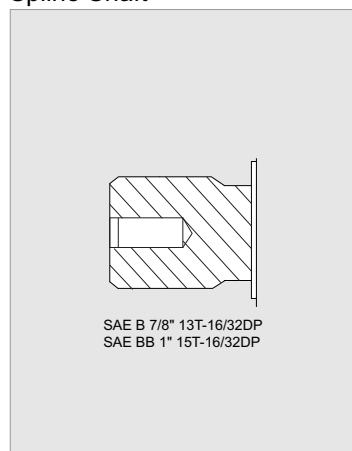
2PE 50 - SAE C - 4 BOLT

SAE B 7/8" 13T-16/32DP
SAE BB 1" 15T-16/32DP

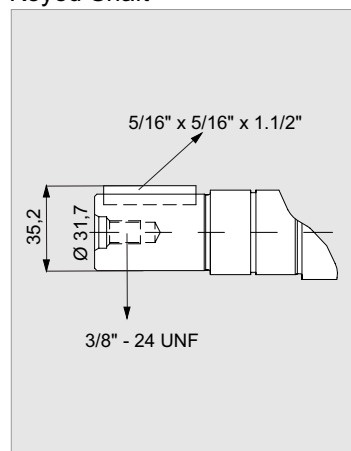
SAE C - 4 BOLT MOUNTING (SAE J744)



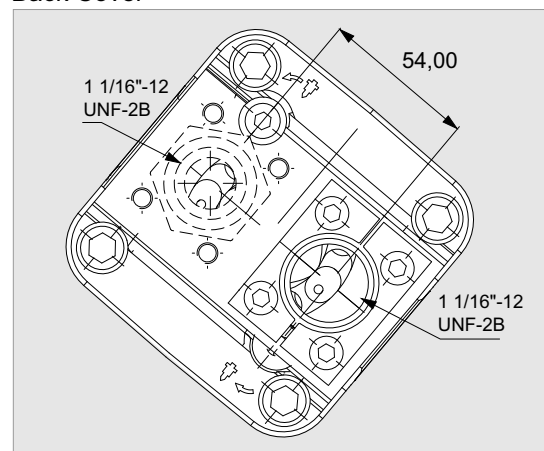
Spline Shaft



Keyed Shaft

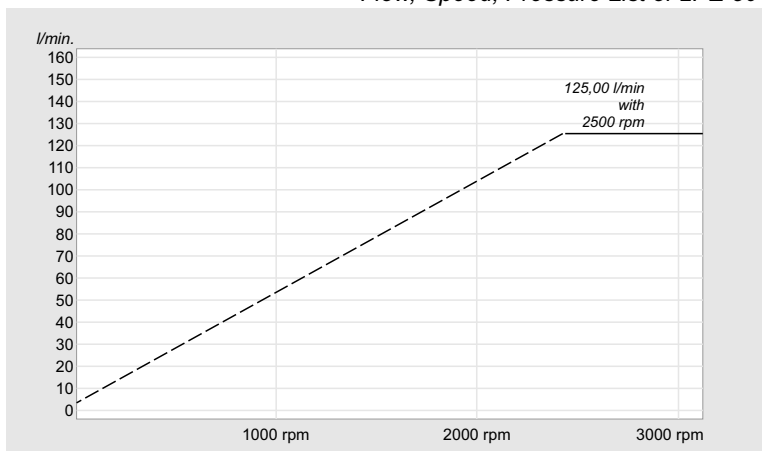


Back Cover



Flow, Speed, Pressure List of 2PE 50

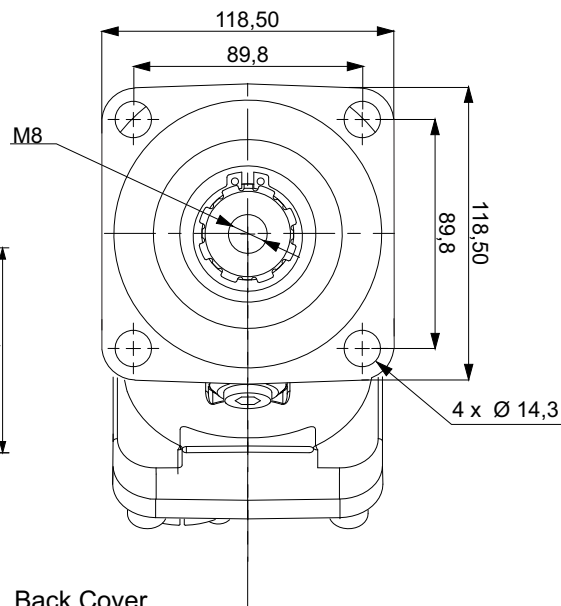
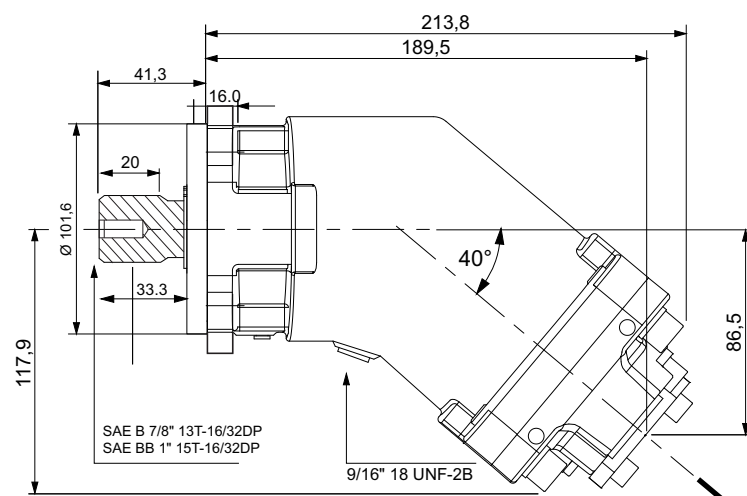
x 1000 rpm	50,00 cc
x 1500 rpm	75,00 cc
Max. Continuous Pump Speed	1900 rpm
Max. Limited Pump Speed	2500 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	292 Nm
Weight without inlet fitting	12,00 kg
Weight with inlet fitting	12,40 kg
Rotation	CW-CCW



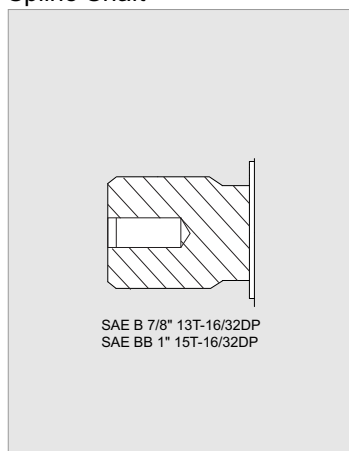
2PE 56 - SAE C - 4 BOLT

SAE B 7/8" 13T-16/32DP
SAE BB 1" 15T-16/32DP

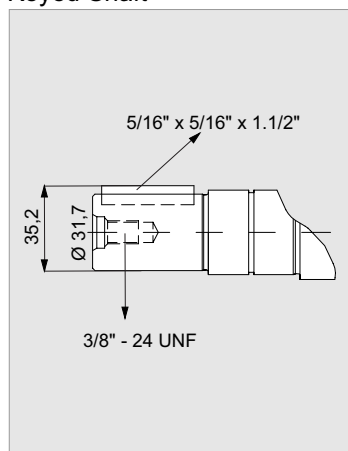
SAE C - 4 BOLT MOUNTING (SAE J744)



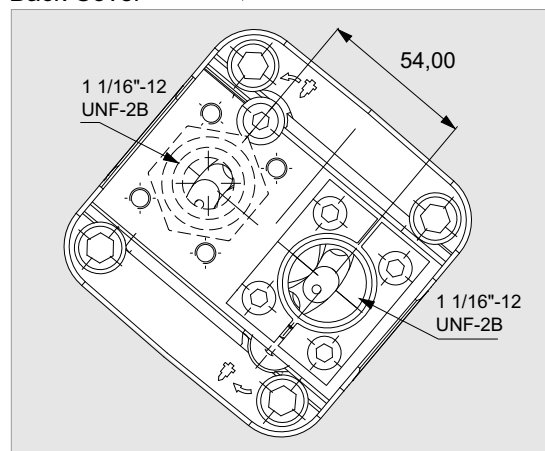
Spline Shaft



Keyed Shaft

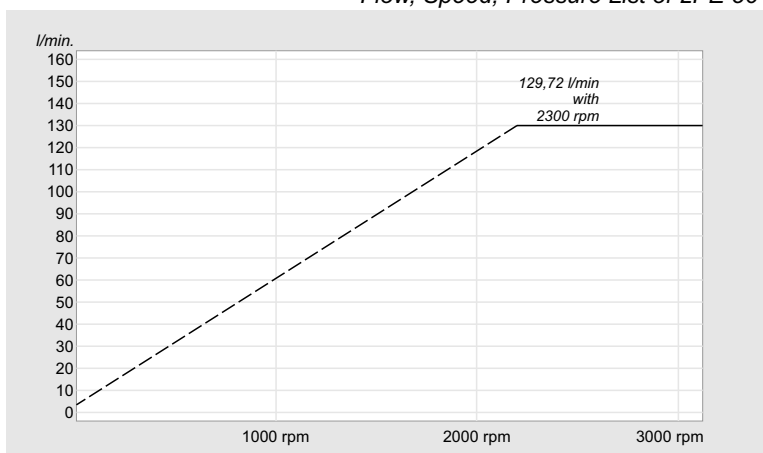


Back Cover



Flow, Speed, Pressure List of 2PE 56

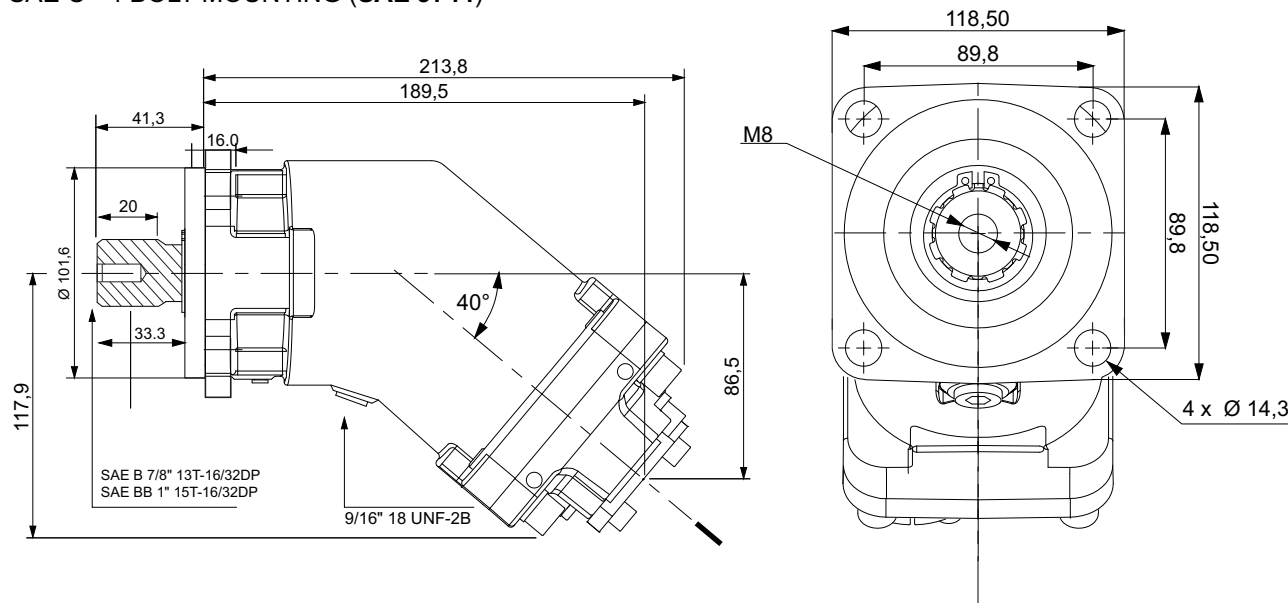
x 1000 rpm	56,40 cc
x 1500 rpm	84,60 cc
Max. Continuous Pump Speed	1900 rpm
Max. Limited Pump Speed	2300 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	330 Nm
Weight without inlet fitting	12,50 kg
Weight with inlet fitting	12,90 kg
Rotation	CW-CCW



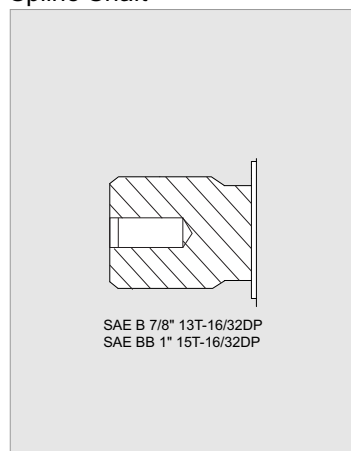
2PE 63 - SAE C - 4 BOLT

SAE B 7/8" 13T-16/32DP
SAE BB 1" 15T-16/32DP

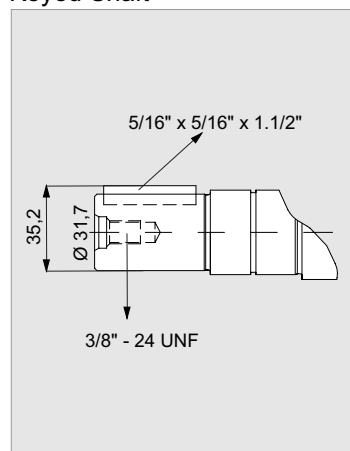
SAE C - 4 BOLT MOUNTING (SAE J744)



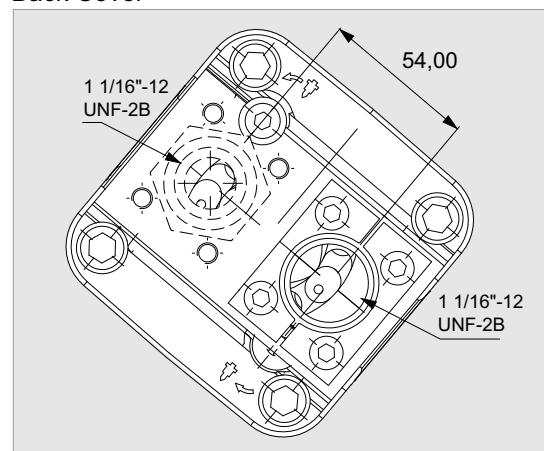
Spline Shaft



Keyed Shaft

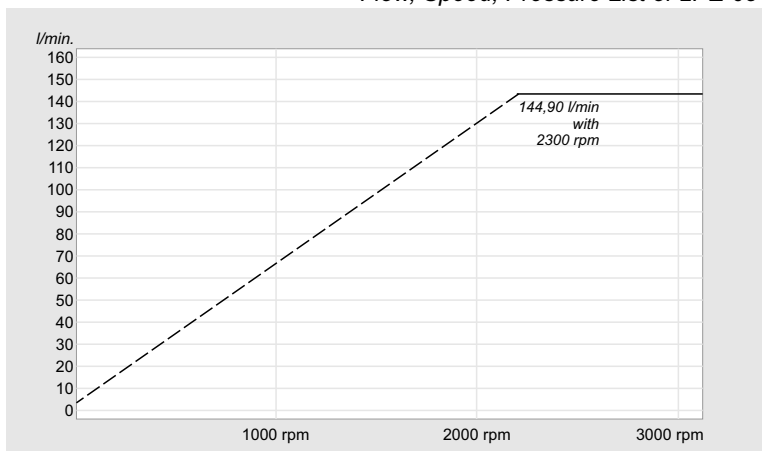


Back Cover



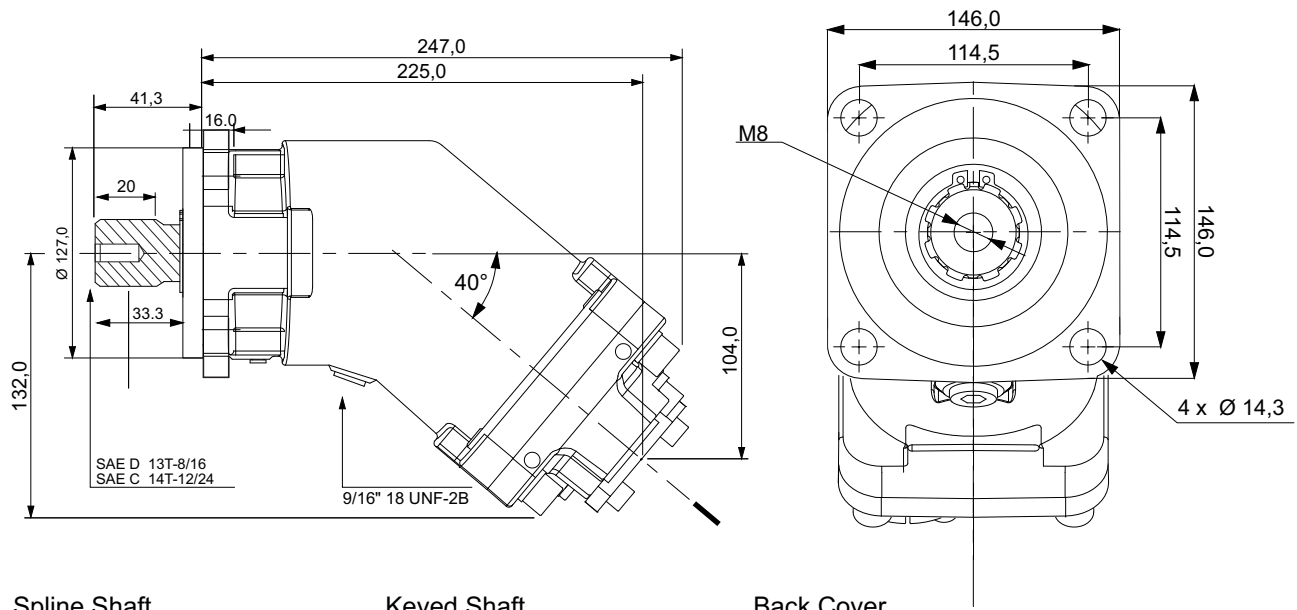
Flow, Speed, Pressure List of 2PE 63

x 1000 rpm	63,00 cc
x 1500 rpm	94,50 cc
Max. Continuous Pump Speed	1900 rpm
Max. Limited Pump Speed	2300 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	360 Nm
Weight without inlet fitting	12,50 kg
Weight with inlet fitting	12,90 kg
Rotation	CW-CCW

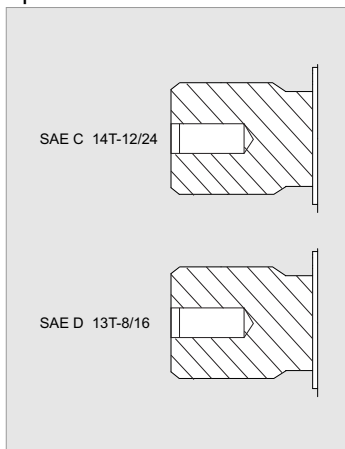


2PE 80 - SAE C - 4 BOLT

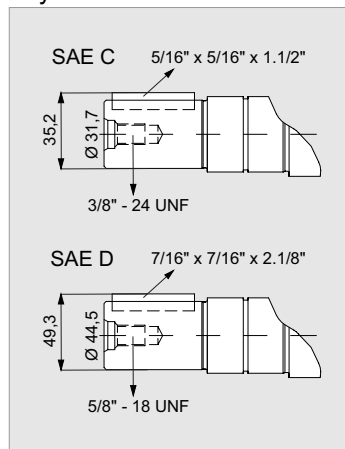
SAE D 13T-8/16
SAE C 14T-12/24



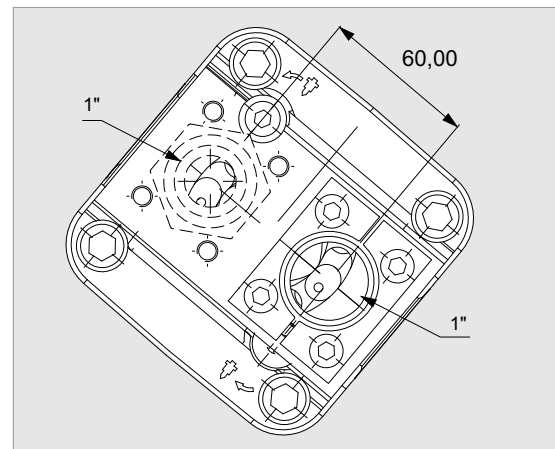
Spline Shaft



Keyed Shaft

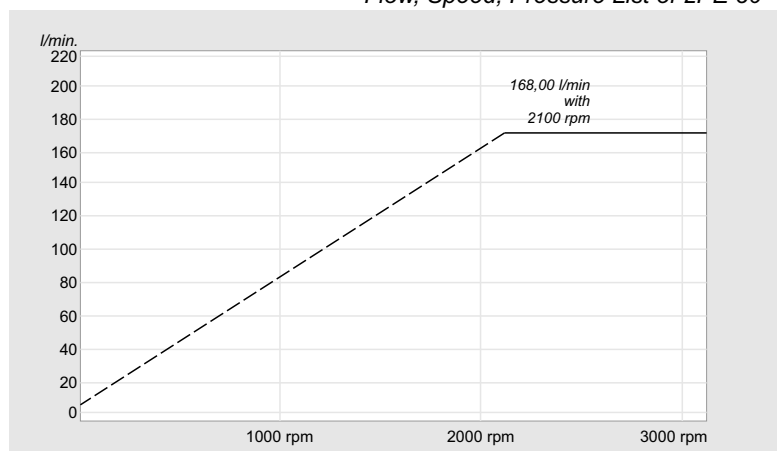


Back Cover



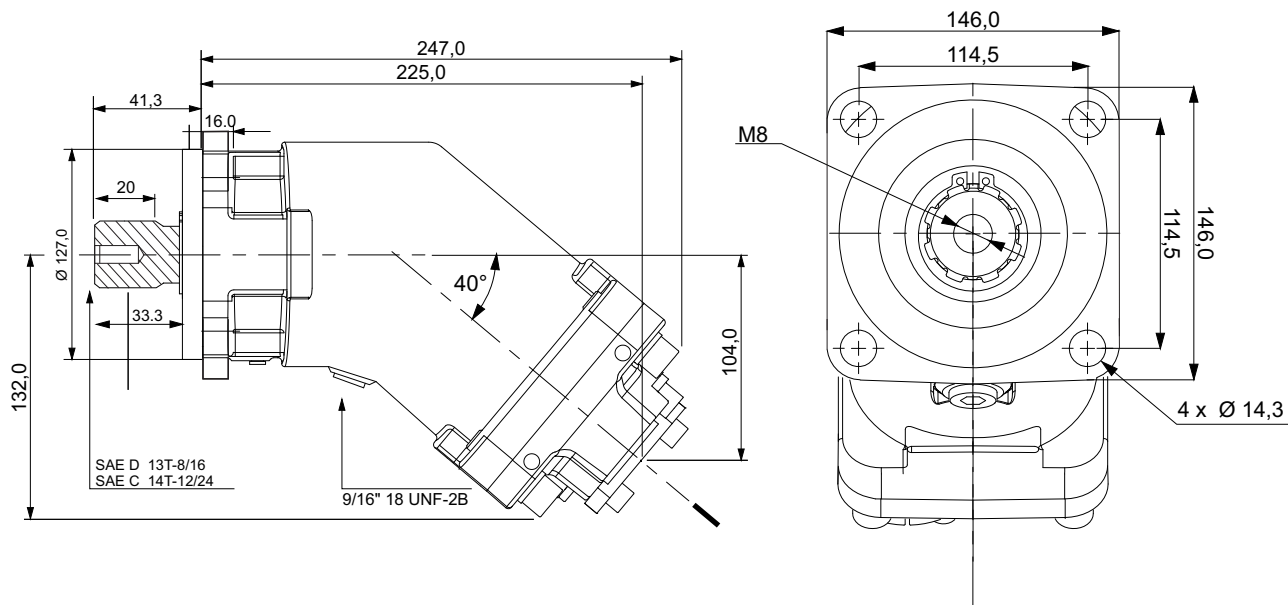
x 1000 rpm	80,00 cc
x 1500 rpm	120,00 cc
Max. Continuous Pump Speed	1700 rpm
Max. Limited Pump Speed	2100 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	460 Nm
Weight without inlet fitting	16,00 kg
Weight with inlet fitting	16,40 kg
Rotation	CW-CCW

Flow, Speed, Pressure List of 2PE 80

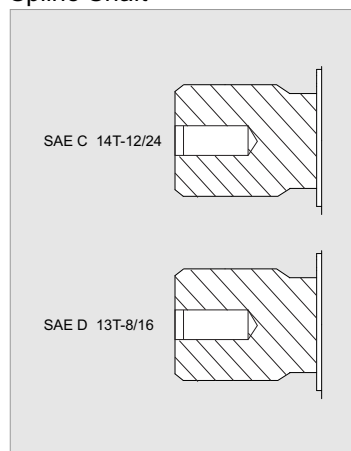


2PE 108 - SAE C - 4 BOLT

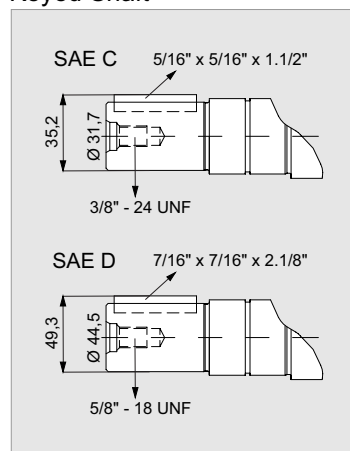
SAE D 13T-8/16
SAE C 14T-12/24



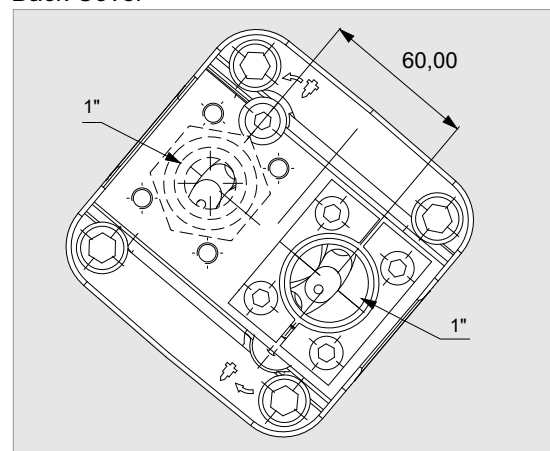
Spline Shaft



Keyed Shaft

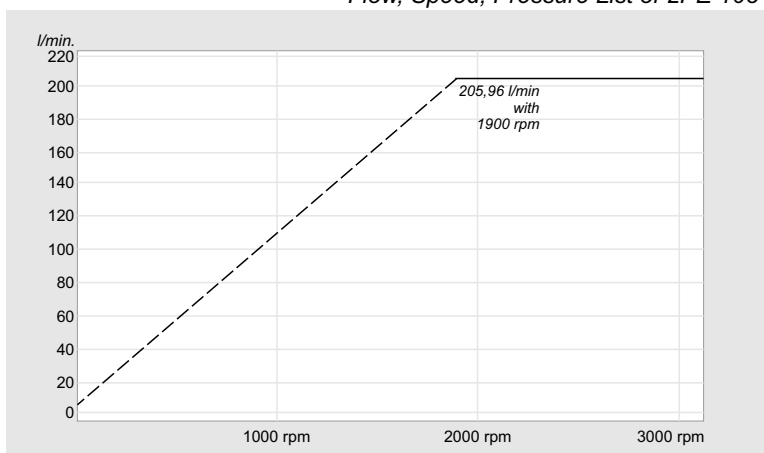


Back Cover



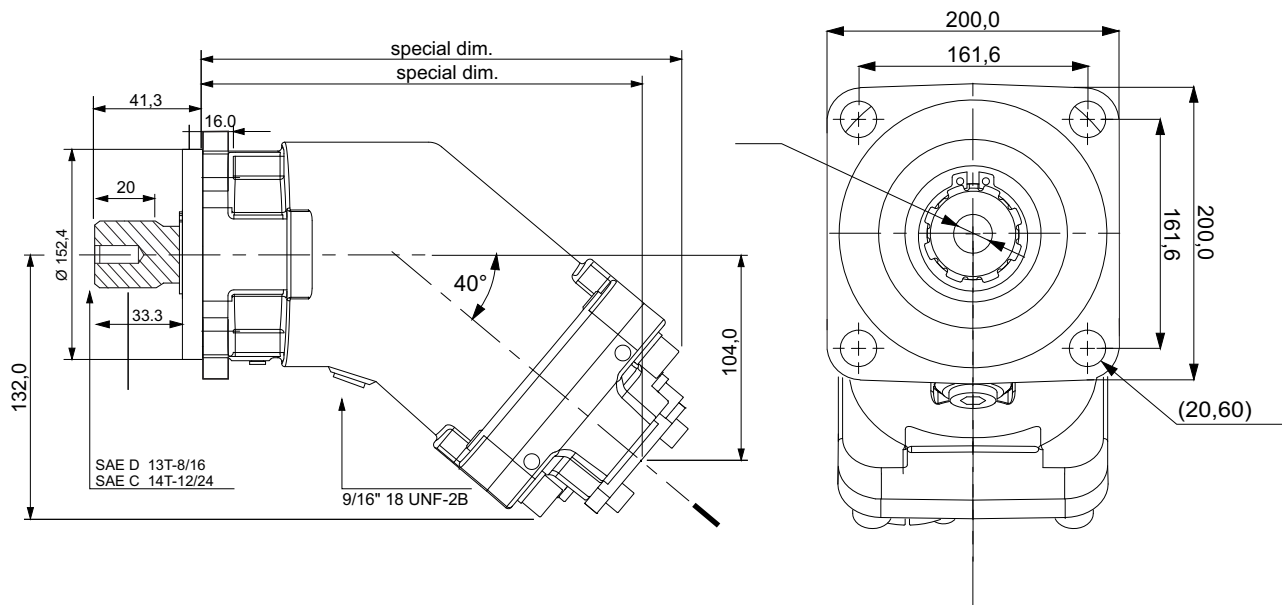
Flow, Speed, Pressure List of 2PE 108

x 1000 rpm	108,40 cc
x 1500 rpm	162,60 cc
Max. Continuous Pump Speed	1700 rpm
Max. Limited Pump Speed	1900 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	620 Nm
Weight without inlet fitting	16,50 kg
Weight with inlet fitting	16,90 kg
Rotation	CW-CCW

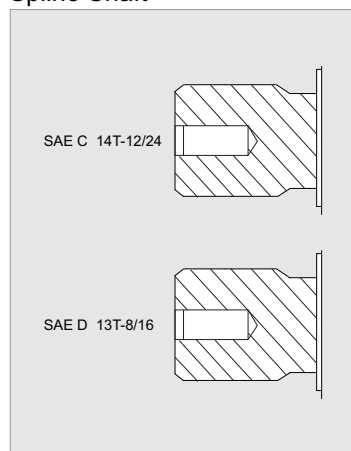


2PE 108 - SAE D - 4 BOLT

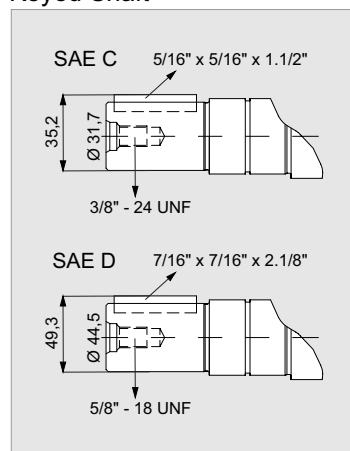
SAE D 13T-8/16
SAE C 14T-12/24



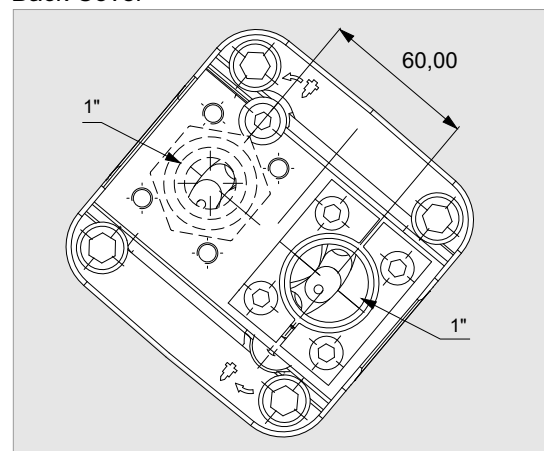
Spline Shaft



Keyed Shaft

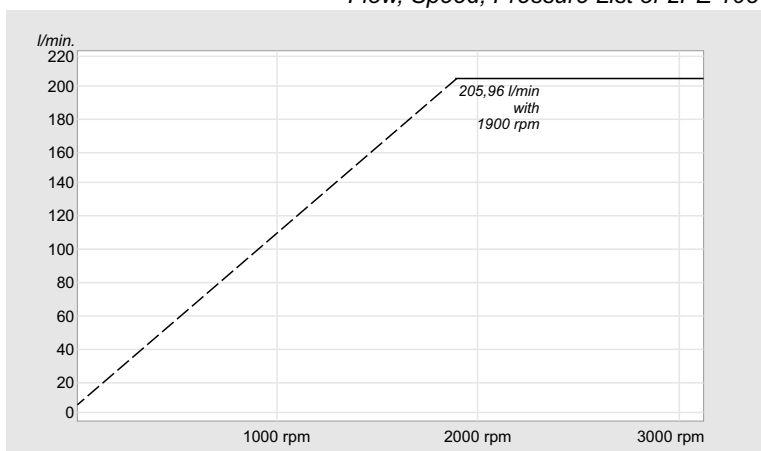


Back Cover



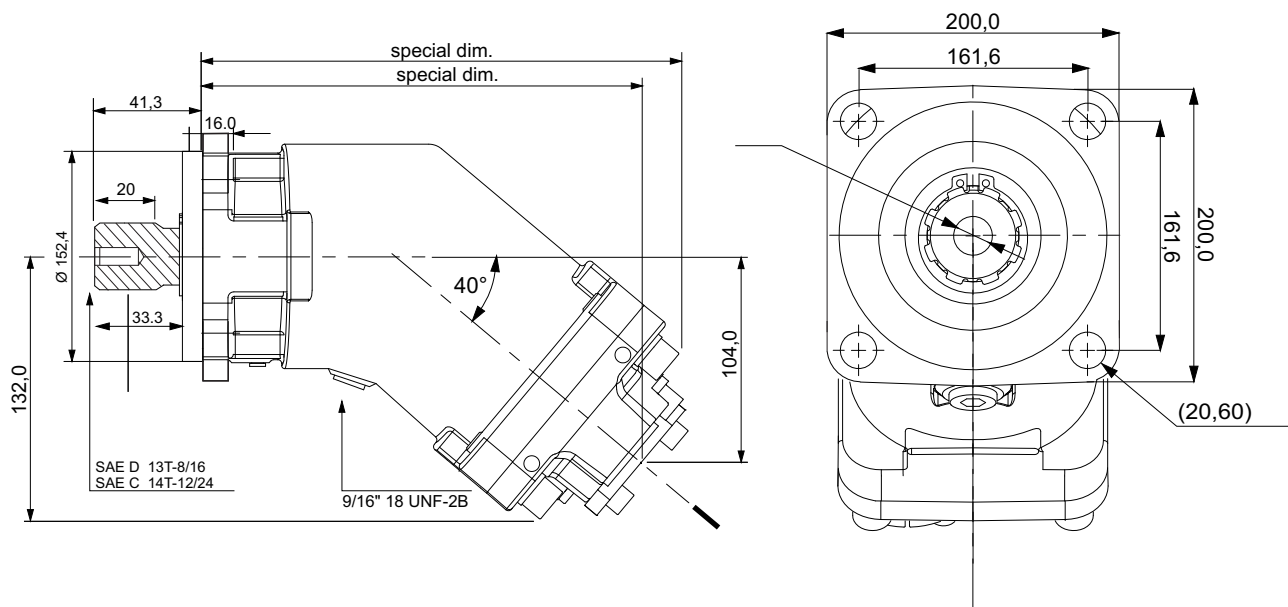
Flow, Speed, Pressure List of 2PE 108

x 1000 rpm	108,40 cc
x 1500 rpm	162,60 cc
Max. Continuous Pump Speed	1700 rpm
Max. Limited Pump Speed	1900 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	620 Nm
Weight without inlet fitting	16,50 kg
Weight with inlet fitting	16,90 kg
Rotation	CW-CCW

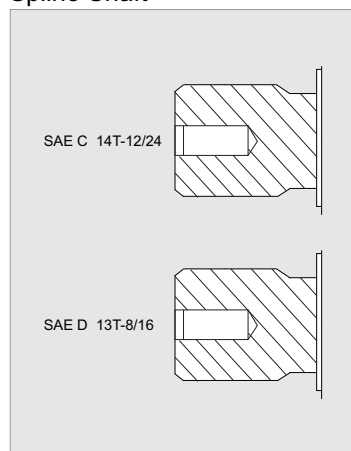


2PE 130 - SAE D - 4 BOLT

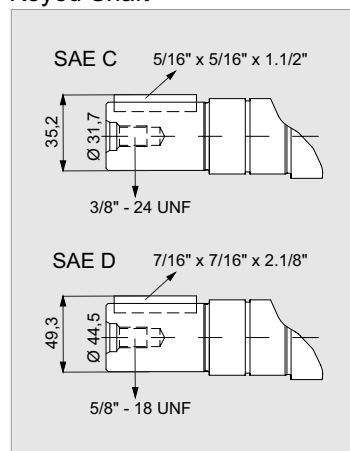
SAE D 13T-8/16
SAE C 14T-12/24



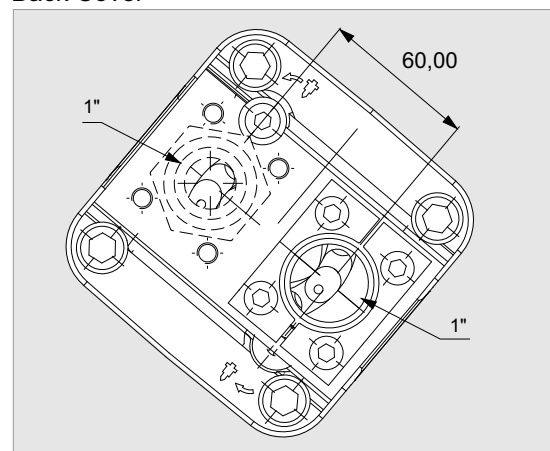
Spline Shaft



Keyed Shaft

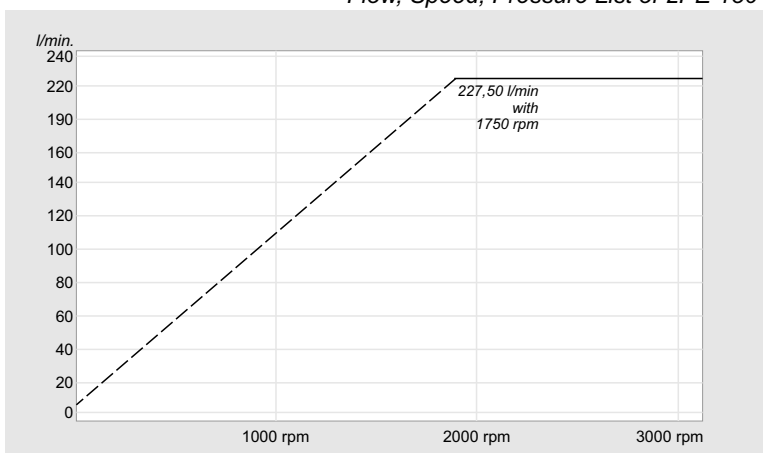


Back Cover



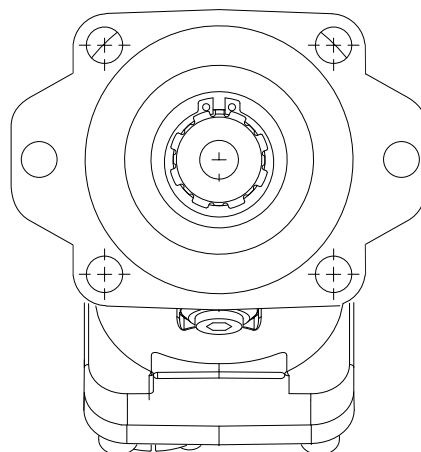
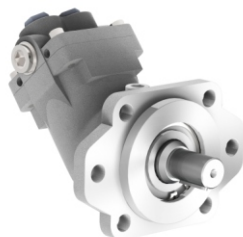
Flow, Speed, Pressure List of 2PE 130

x 1000 rpm	130,00 cc
x 1500 rpm	195,00 cc
Max. Continuous Pump Speed	1600 rpm
Max. Limited Pump Speed	1750 rpm
Max. Continuous Pressure	350 bar
Max. Intermit. Peak Pressure	400 bar
Max. Torque at 350 bar	746 Nm
Weight without inlet fitting	21,50 kg
Weight with inlet fitting	22,00 kg
Rotation	CW-CCW

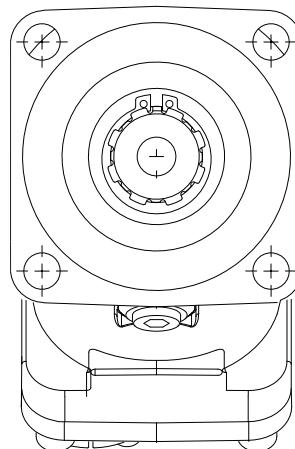
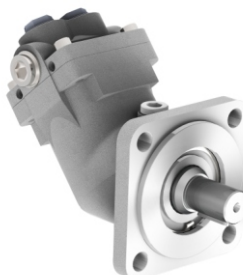


Special Mounting Flanges

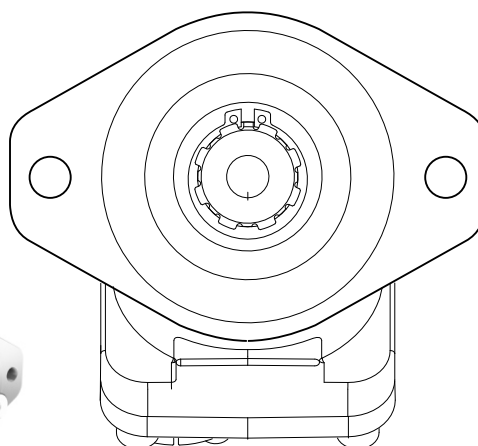
6 BOLT
Mounting Flange



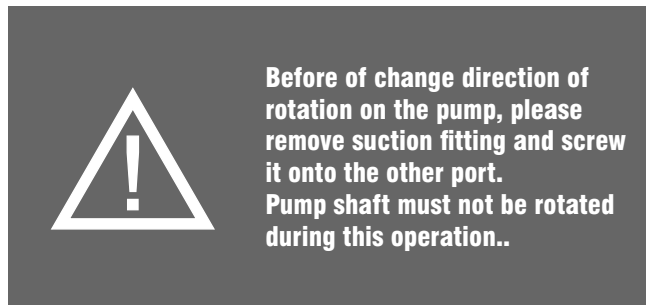
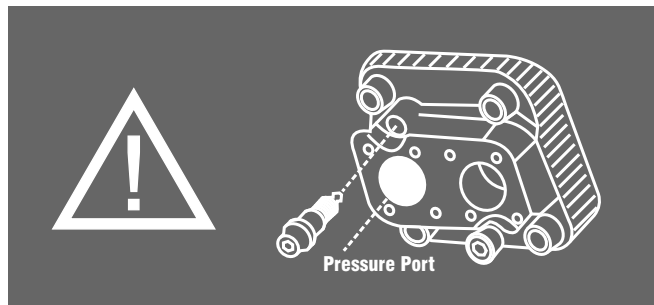
SAE B4 BOLT
(SAE J744)



SAE B2 BOLT
(SAE J744)



Changing the Direction of Rotation



!! CHECK THE ROTATION FROM THE POWER TAKE OFF

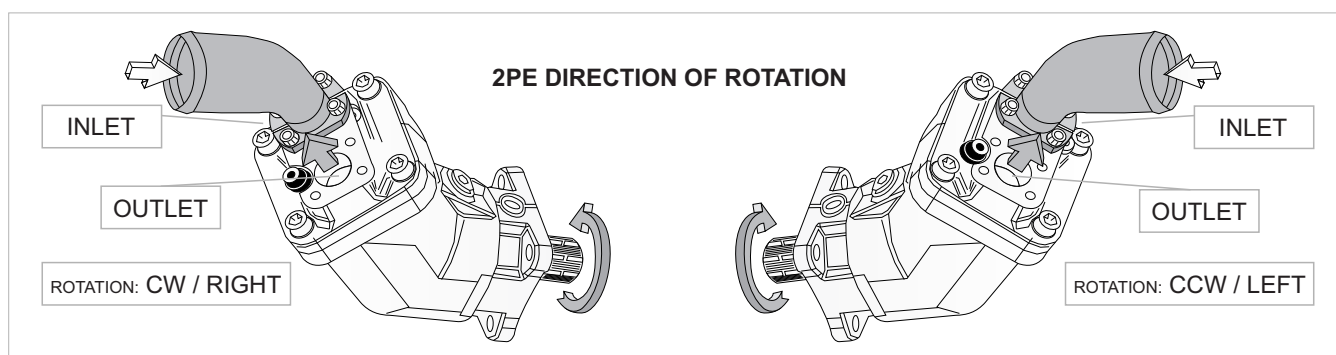
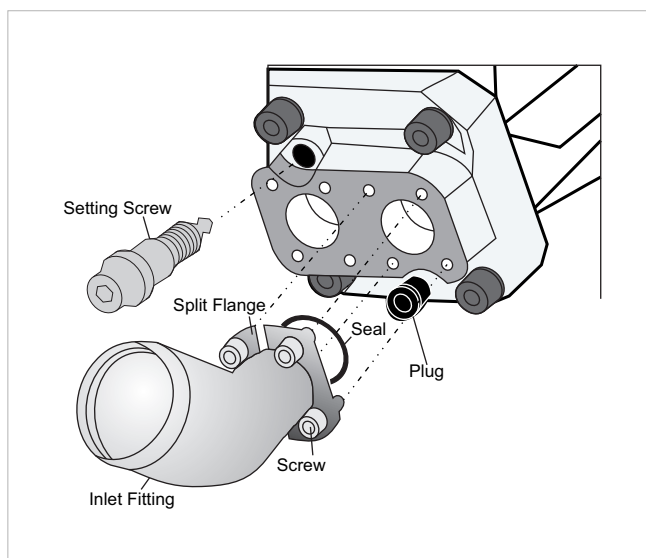
!! THE ROTATION DIRECTION OF THE PUMP

Left
Default delivered.

Right
Change rotation.

HOW TO CHANGE ROTATION OF THE 2PE PUMP;

- Remove the inlet fitting with split flange,
- Remove the setting screw,
- Remove the plug,
- Put the setting screw where the plug was,
- Put the plug where the setting screw was,
- Put seal on the inlet fitting, then the inlet fitting on the side where the plug is, and fix with the split flange, Tighten with the screws.



NOTE I

The Inlet Fitting is pre-assembled on delivery and must be tightened to the torque specified for the thread size before installation.

NOTE II

To change the direction of rotation of the 2PE Bent Axis Pump, you must change the pressure connection from to right port to the left port.

NOTE III

If the pump drive shaft moves while making the change, the 2PE Bent Axis Pump may be damaged. After unscrewing the pressure connection, do not turn the drive shaft of the pump!

FLUID

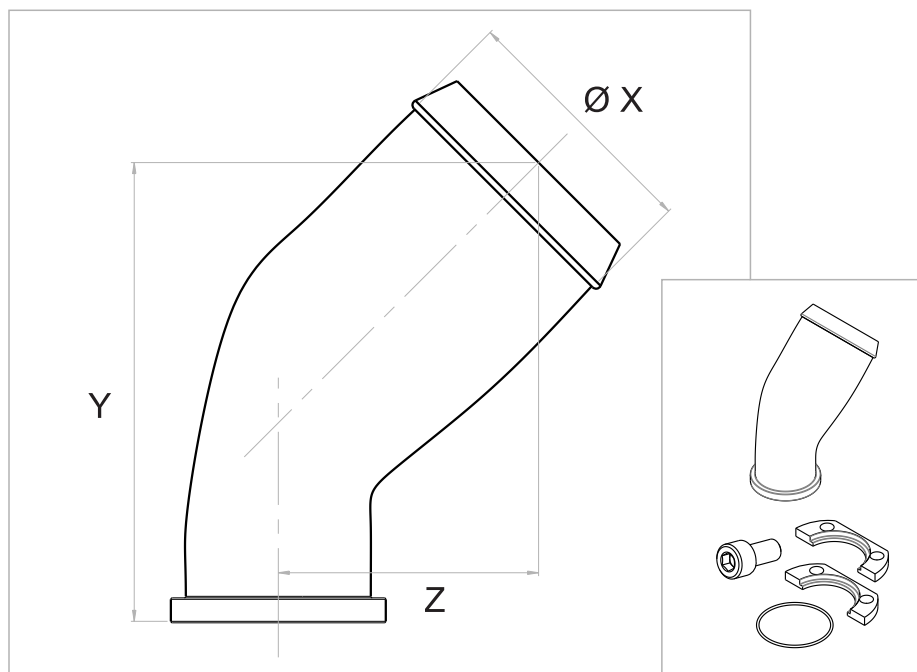
Please check the following recommendations:
Mineral oil

Viscosity	20 to 40 cSt
Min. viscosity	5 cSt
Viscosity for correct operation	10 to 400 cSt
Recommended filtration	10µ absolute class 9 NAS 1638 class 6 SAE class 18/15 ISO
Max temp.	100° C



For detailed information about 2PE Bent Axis Pumps, please contact with Technical Department !!!

Inlet Fittings, Accessories

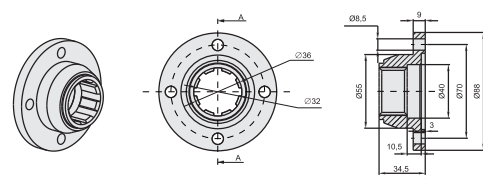
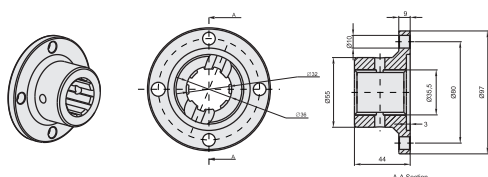
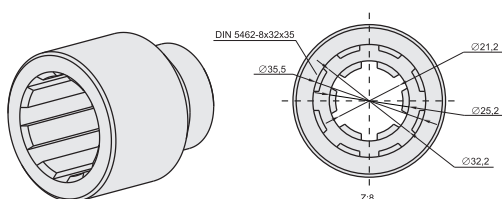
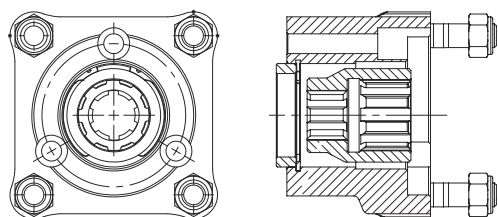


45° elbow fittings

Ø hose	1 ½"	1 ¾"	2 ½"
Ø X	39	46	64
Y	91	91	125
Z	46	46	62

90° elbow fittings

Ø hose	1 ½"	2"	2 ½"
Ø X	39	51	64
Y	58	64	71
Z	80	80	87



Inlet Fittings & Installation Parts

- Split Flange
- Seal
- Screw



By-Pass Valves

- 12 V
- 24 V



Hydraulic Adapters

- PTO Piston Pump Adapter
- PTO Gear Pump Adapter
- Long / Short Adapter



Flanges

- 1120 (6 Spline)
- 1120 (8 Spline)
- 1300 (6 Spline)
- 1300 (8 Spline)



Couplers

- 6 x 8 Couplar
- 6 x 8 Couplar (Long)
- 8 x 8 Couplar
- 8 x 8 Couplar (Long)

Installation & User Guide

The 2PE pumps fitted with a rubber front seal.

INSTALLATION

2PE pumps are direct mounting on the PTO.

Grease the splined shaft before installation. Do not tap the gear wheel/driver into position.

Remove any mounted screws on the pump.

The 2PE was delivered with protective covers and plastic/threaded plugs.

It should be removed before of install.Please check seals and surfaces.If sealing or other surfaces damaged please contact your responsible Service Partner.

Start up and run the pump at medium speed (800 to 1000 rpm at the PTO) until the oil flowing out of the pump. (There are no more air bubbles.)

OIL SUPPLY

Oil and supply line should be clean, and the supply line is airtight.

SUCTION LINE

Connect the suction line, tighten the suction connection bolts in diametric pairs.

Connect the pressure line.

REPAIR

We offers a comprehensive range of services for the repair of our Bent Axis Pumps.

Repairs to the 2PE Bent Axis Pump may only be performed by authorized, skilled and instructed personnel.

Only use original and pre-installed our 2PE spare parts from supplied to Manufacturer..

Tested and pre-installed 2PE pumps successful repair requiring only little time.

SPARE PARTS

The spare parts list and the 2PE pump order specific.

When ordering spare parts, quote the material and complete Ordering code number of the 2PE Bent Axis Pump as well as the right numbers of the spare parts.

RISK OF DAMAGE!

Do not touch the drive shaft of the 2PE Bent Axis Pump

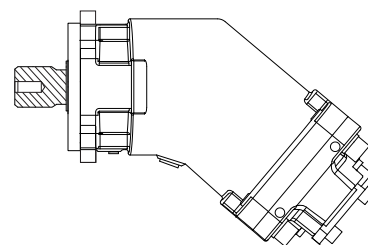
Do not touch sensor, valves and fittings

Do not touch sealing surfaces.

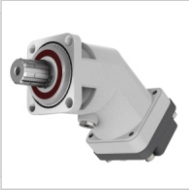
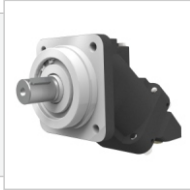
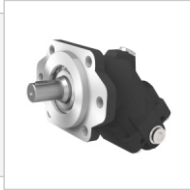
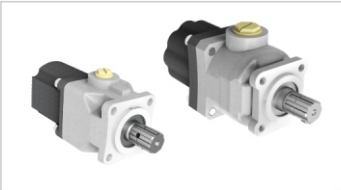
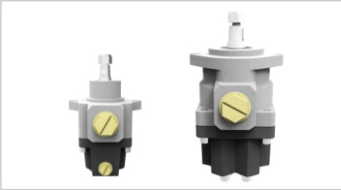
DIMENSIONS & WEIGHTS

Weight													
- Without inlet fitting	kg	8,00	10,00	10,00	10,50	11,50	11,50	12,00	12,50	12,50	16,00	16,50	21,50
- With inlet fitting	kg	8,45	10,40	10,40	10,90	11,90	11,90	12,40	12,90	12,90	16,40	16,90	22,00

Address all questions regarding spare parts to your responsible Our Service Partner or the technical service department of the manufacture's plant / factory for the 2PE Bent Axis Pumps.



Complete Product Range

		Piston Pumps	Piston Motors
DIN	DIN 5462 / ISO 14 8x32x35 8x32x36 DIN 6885	 2PBA	 2PBM
ISO	ISO 3019-2 (4 BOLTS) DIN 5480 -W25,30,35,40,45 DIN 6885 -Ø20,25,30,35,40,45	 2PS	 2PM
SAE	SAE B2 C4 - SAE D SAE J498b SAE J 744	 2PE	 2PEM
M2	DIN 5480 / ISO 3019-2 W30 - W35 - W40 M21 - M22 - M23		 2PMS
PA	DIN ISO 14 8x32x36	 PA	
PH	P2 Connection M8x125 Woodruff key 3x6,5 NF E 27-653 NF R 124-04 (2 BOLTS)	 PH	

