

2011-00.3155.2R
SP31-55S-32S2-G20G16-NB



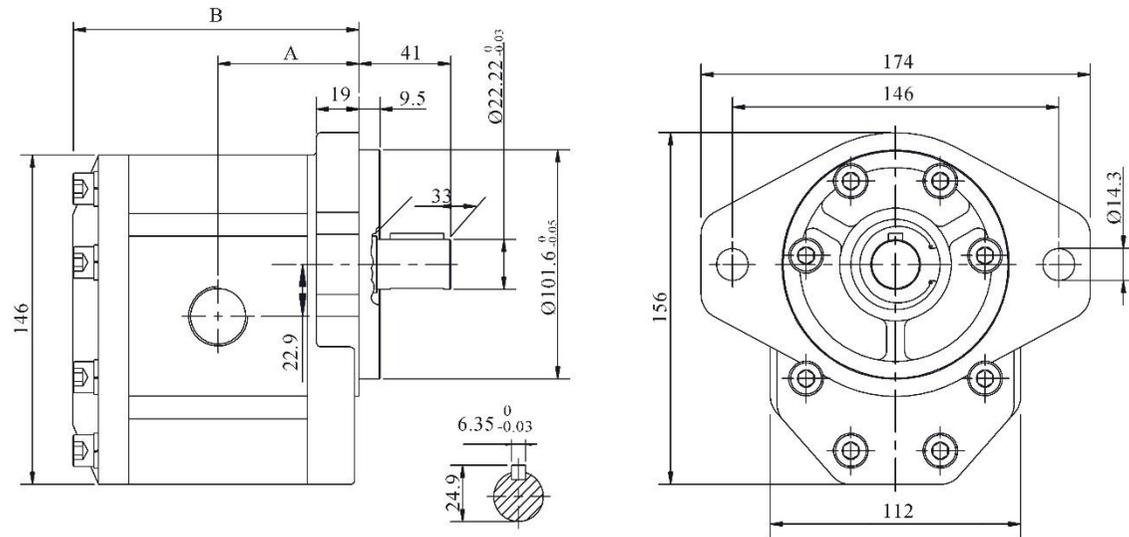
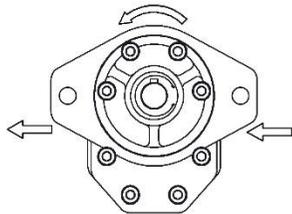
SAE B 2 bolts,
7/8" st key shaft
Bspp Thread

FILTER RECOMMENDATION:

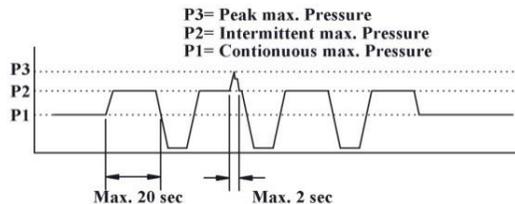
It is widely known that most pumps early failures are due to contaminated fluids. As a warranty cannot be issued for dirt related wear, we recommend a filter to be used, which can reduce the degree of contamination to a permissible dimension in terms of the size and concentration of dirt particles. The filtering system shall always ensure contamination levels not exceeding the values indicated below:

Pressure	<140 bar	140~210 bar	>210 bar
NAS 1638 Class	10	9	8
ISO 4406 Class	19/16	18/15	17/14
Ratio $x=75$	25~40 μ m	12~15 μ m	6~12 μ m

ROTATION DIRECTION



cc/rev	Max. pressure (bar)			Nmax. (rpm)	Nmin. (rpm)	Inlet (bspp)	Outlet (bspp)	Dimension(mm)		Wt.(kg) approx.
	P1	P2	P3					A	B	
55.0	200	230	250	2800	400	1¼"	1"	79	160	10.6

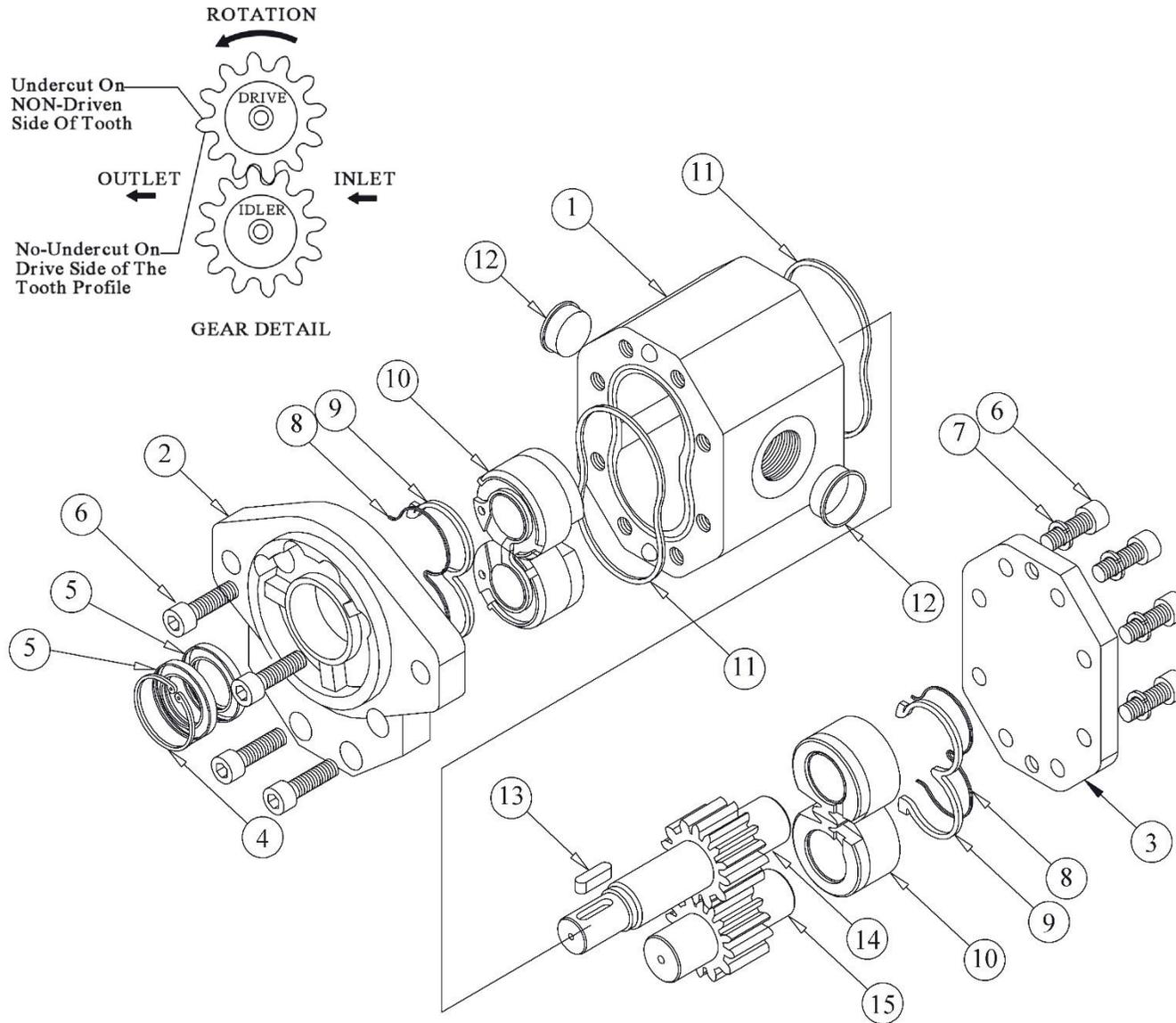


INLET AND DELIVERY LINES

Intake line	0.5~1.6 m/s
Delivery line	2~6 m/s
Return line	1.6~3 m/s

Working temperature	From -15 °C to +80 °C
Oil temperature	From -15 °C to +80 °C
NBR Seal (N)	From -10 °C to +80 °C
Viton Seal (V)	From -10 °C to +120 °C

Recommended fluid viscosity	10~100 cst
Recommended suction pressure	0.7~3 bar Absolute
Max. drive shaft torque	185 Nm
Pump cover tightening torque	70 Nm



No.	Description	Qty
1	Gear Housing	1
2	Front Cover	1
3	End Cover	1
4	Snap Ring	1
5	Shaft Seal STD	2
6	Bolts	8
7	Spring Washer	4
8	Back Up Seal	2
9	Seal	2
10	Thrust Plate	2
11	Seal	2
12	Cap	2
13	Key	1
14	Drive Gear Shaft	1
15	Driven Gear Shaft	1