



Generation 3 REBUILDABLE Pipeline Injection Pump

FEATURES & BENEFITS

Dimensionally Interchangeable with Equivalent Gen 2 GP-414 Sizes

- New advanced materials on critical internal wear surfaces
- Enhanced wear resistance and durability extend pump life

Rebuildable Design

- All internal wear components are easily replaceable
- Simple disassembly and reassembly process saves time and money
- Complete rebuild kit brings the pump back to as-new operating condition

Upgraded and Reliable Sealing Solution

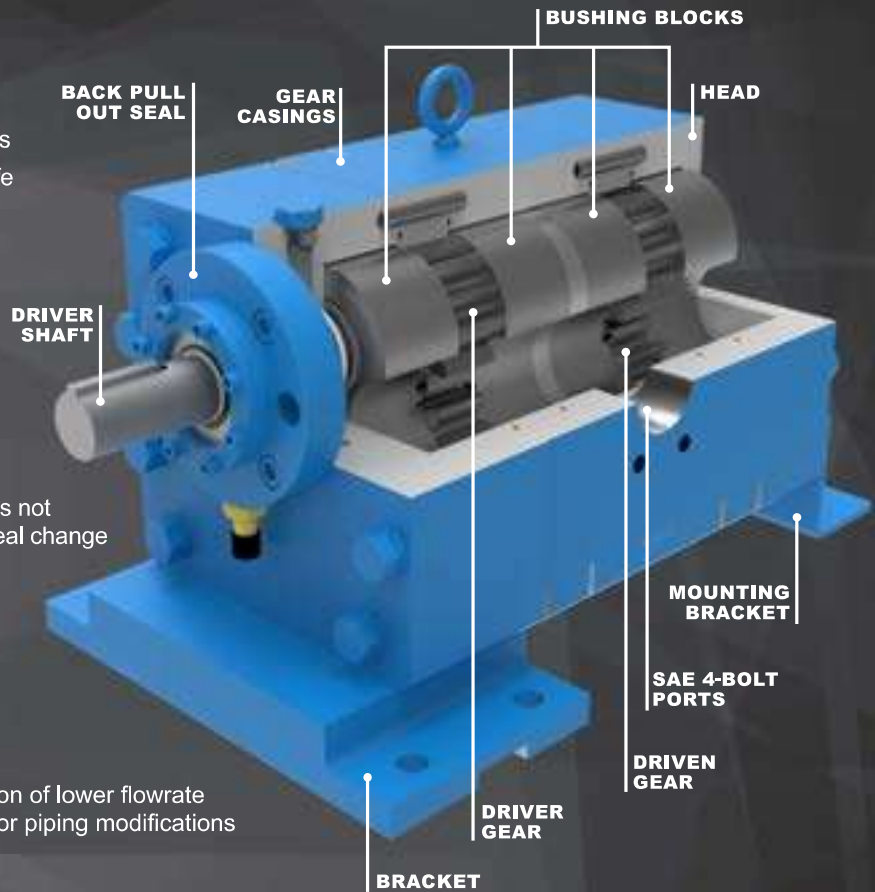
- Type 2 bellows seal with standard 200 PSI inlet rating does not require the pump or motor placement to be moved for a seal change
- Robust axial thrust control bearing reduces premature seal failure due to elevated inlet pressure, starts, stops, and other unique application conditions

Modular Port Design

- Standard 180° ports with weld neck adapters to accommodate the flange of your choice
- Common Port Location (CPL) feature allows for installation of lower flowrate pumps when well production decreases without welding or piping modifications

Compact Footprint

- 7' unit length on largest pump and motor assembly
- Motor speed operation eliminates the need for gear reducers or belt drives
- Units include small, rigid formed steel baseplate complete with spacer coupling and coupling guard



PERFORMANCE

Pump Model	Ports*	Nominal Flow @ 750PSI (1,775 rpm) on 4 cP			Nominal Flow @ 1,500PSI (1,775 rpm) on 4 cP			Max Continuous Pressure		Max Recommended Temperature		Approximate Shipping Weight (Pump Only)	
		GPM	m ³ /hr	BPD	GPM	m ³ /hr	BPD	PSI	Bar	Deg. F	Deg. C	Lbs.	Kg.
GB-41415	2" SAE	46	10	1587	40	9	1366	1500	103.4	350	176.7	225	102
GB-41420	2" SAE	60	14	2045	-	-	-	750	51.7	350	176.7	233	106
GB-41430	2" SAE	94	21	3208	81	18	2779	1500	103.4	350	176.7	322	146
GB-41440	2" SAE	120	27	4138	-	-	-	750	51.7	350	176.7	334	152
GB-41445	3" SAE	141	32	4833	122	28	4202	1500	103.4	350	176.7	437	198
GB-41455	3" SAE	168	38	5760	-	-	-	750	51.7	350	176.7	453	206
GB-41460	4"	182	41	6230	-	-	-	750	51.7	350	176.7	500	227

* 2" and 3" SAE ports use J518 Code 61 SAE flange ports. 4" port uses 3000 Series square flange.

CONTACT THE VIKING PUMP CANADA PIPELINE INJECTION PUMP SPECIALISTS:

Yohance Henry
Product Manager-Targeted Growth

yhenry@idexcorp.com
(519) 259-4268 Office

Steve Kettner
National Sales Director

skettner@idexcorp.com
(403) 831-7756 Office

REPLACEABLE INTERNALS

CONTACT THE VIKING PUMP
OIL & LACT PUMP SPECIALISTS



Seal Assembly

(Items 9, 14, 7, 8, 8A, 14, 10, 9B, 6A)

Bushing Assembly & Gasket

(Items 22, 23)



Item	Name of Part	Seal Kit	Complete Rebuild Kit (Recommended)
1	Bracket		
6	Seal Holder		
6A	Cap Screws	✓	✓
7	Seal Holder Oring	✓	✓
8	Mech Seal - FKM/Slit-Cab	✓	✓
8A	Seal Washer	✓	✓
9	Dbl Row Ball Bearing	✓	✓
9A	Bearing End Cap		
9B	Cap Screws	✓	✓

Item	Name of Part	Seal Kit	Complete Rebuild Kit (Recommended)
10	Beveled Retaining Ring	✓	✓
11	Section Orings		✓
12	Driver Shaft		✓
13	Driven Shaft		✓
14	Retaining Ring	✓	✓
14	Retaining Ring (Seal)	✓	✓
14	Retaining Ring (Gears)		✓
15	Gear Pin		✓
19	Casing & Gear Set		✓

Item	Name of Part	Seal Kit	Complete Rebuild Kit (Recommended)
20	Cap Screws (Bracket)		✓
20	Cap Screws (Head)		✓
20A	Lock Washer		✓
22	Bushing Assembly		✓
23	Gasket		✓
24	Separation Plate Spacer		✓
26	Shaft Key		✓
27	Head		
29	Separation Plate - With Ports		

NOTE: Some items included in the rebuild kit not called out in above image. Contact your Viking Pump® representative for additional Rebuild Kit details.