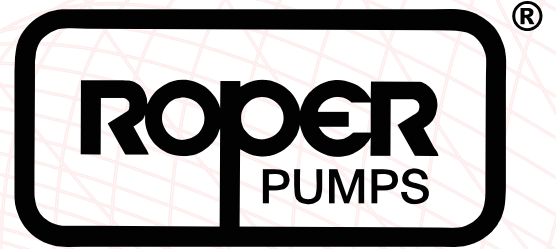


Introducing the Roper 3700C Cartridge Seal Pump



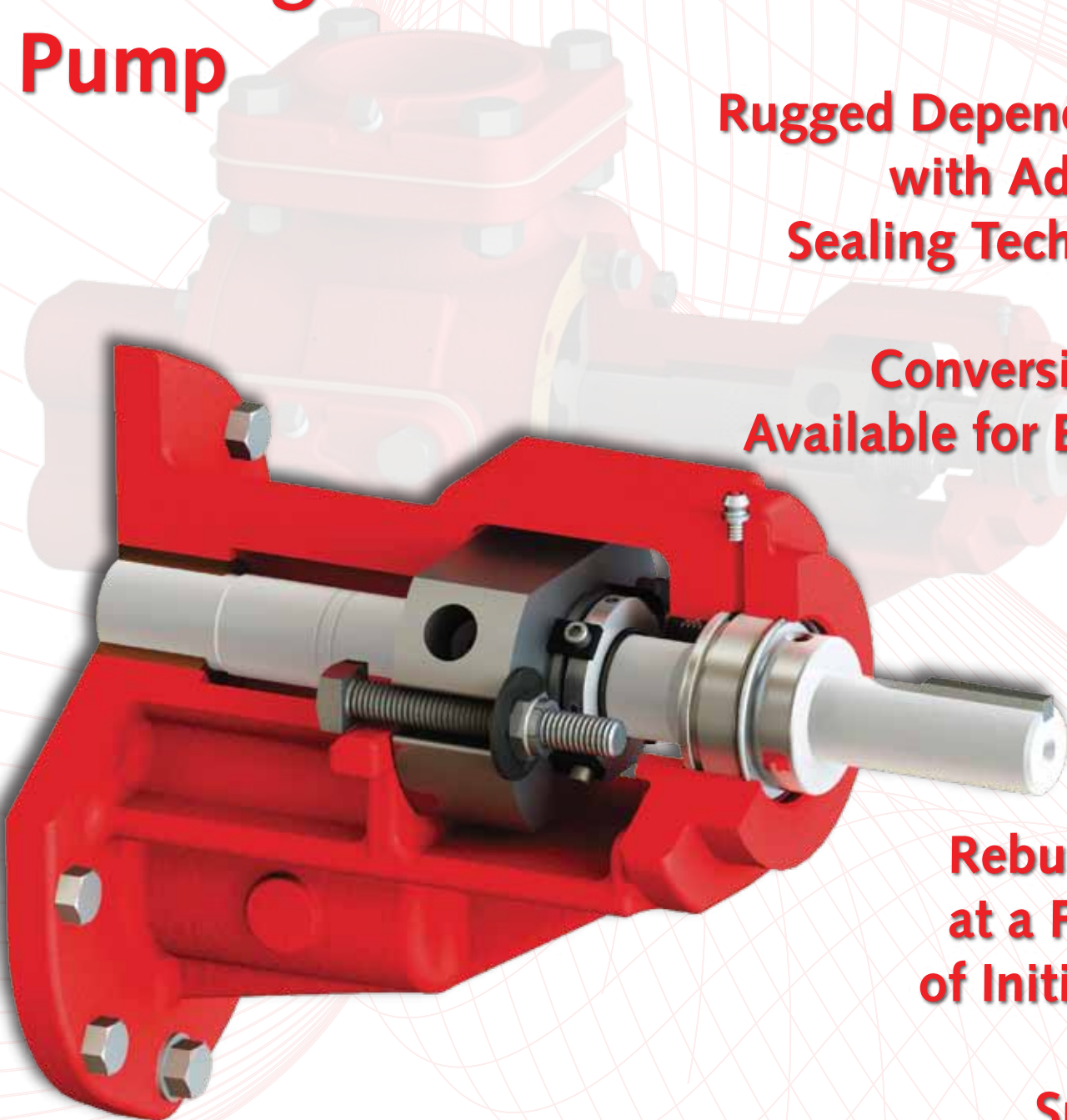
THE LEADING FORCE behind liquids™

**Rugged Dependability
with Advanced
Sealing Technology**

**Conversion Kits
Available for Existing
Pumps**

**Rebuild Seal
at a Fraction
of Initial Cost**

**Superior
Resistance
to Leakage**



Pump Specifications

Pump Model	Gal/Rev	Port Size	Max RPM	Max Pressure	Max Temperature	Pump Weight
11	0.11	2" NPT	750	125 psi (862 kPa)	212°F (100°C) 450°F (232°C)*	80lb (36kg)
17	0.17	2" or 3" NPT	750			90lb (41kg)
22	0.22	3" or 4" NPT	750			140lb (64kg)
48	0.52	4" NPT	900			200lb (91kg)
58	0.61	4" NPT	609			335lb (152kg)

*Requires high temperature components

Standard Pump Conversion Kits

Sample Cartridge Options

Pump Size	Part Number	Style	Primary Ring	Mating Ring	O-Ring
11-22	G4-519	5610V	Carbon	Silicon Carbide	Viton
	G4-520	5610VQ	Carbon	Silicon Carbide	Viton
48 & 58	G4-521	5610V	Carbon	Silicon Carbide	Viton
	G4-522	5610VQ	Carbon	Silicon Carbide	Viton

Pump Size	Part Number	Pump Size	Part Number
Model 11HB	N44-1741	Model 48HB	N44-1745
Model 11GHB	N44-1743	Model 48GHB	N44-1746
Model 17HB	N44-1751	Model 58HB	N44-1747
Model 17GHB	N44-1752	Model 58GHB	N44-1748
Model 22HB	N44-1742		
Model 22GHB	N44-1744		

Conversion Kit Includes:

- (1) Modified Backplate (w/ bronze bushings)
- (1) Cartridge Seal Drive Shaft
- (1) Ball Bearing
- (1) Zerk Fitting
- (1) Retaining Ring
- Mounting Hardware

Stuffing Box Dimensions

Dimensions in [mm]	A	B	C	D	E	F	G	H	I
Small (Size 11 / 17 / 22)	1.75 [44.5]	0.06 [1.5]	2.62 [66.5]	3.25 [82.6]	3.25 [82.6]	1.62 [41.1]	0.56 [14.2]	3.00 [76.2]	1.13 [28.6]
Large (Size 48)	2.25 [57.2]		2.53 [64.3]	4.25 [108]	4.00 [101.6]	2.00 [50.8]			1.50 [38.1]**
(Size 58)			3.38 [85.9]						

***Depending on the seal manufacturer's selection, the standard 1.44 [36.6] diameter shaft may be used.

