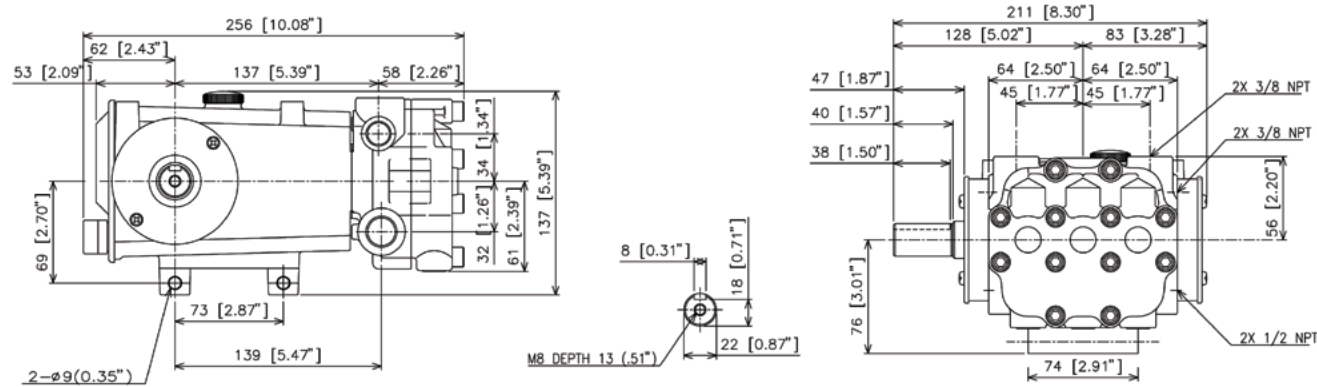
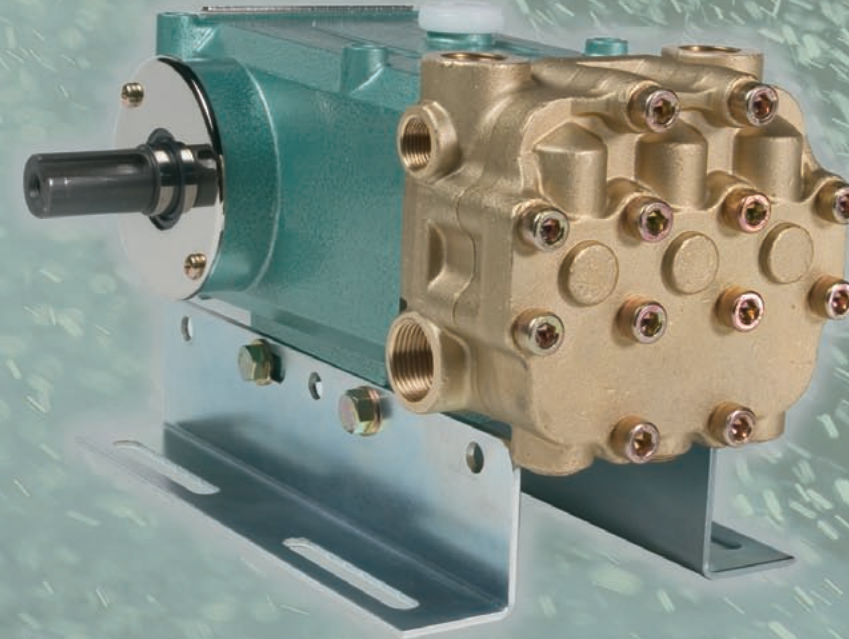
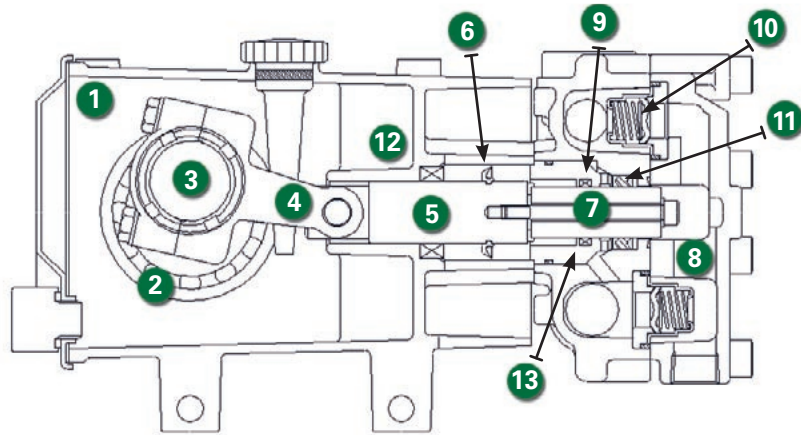


DIMENSIONS (mm/in.)



CUTAWAY

- 1 High strength, lightweight die cast crankcase
- 2 Oversized crankshaft bearings for long life and quiet operation
- 3 Forged crankshaft is machined for low friction, quiet operation and high efficiency
- 4 High strength connecting rods are tolerance matched for extended life and low friction operation
- 5 High polish stainless steel plunger rods for smooth operation and even wear
- 6 Zero clearance, polymer exclusionary seal protects pump crankcase from fluid entry and will not corrode
- 7 Proprietary blend, solid ceramic plungers for long wear and increased thermal shock resistance
- 8 Forged brass manifolds for strength and corrosion resistance, machined to optimize fluid flow and performance while extending useful life
- 9 Liquid-cooled, low drag seals provide long life, extended run-dry ability and increased suction lift
- 10 100% stainless steel valve construction provides superior protection against chemical and temperature damage
- 11 Mechanically-loaded seals require no adjustment and self-compensate for wear
- 12 Balanced flow crankcase ensures lubrication and quiet operation
- 13 Slide-in seal cases mean no special tools are required, making seal replacement easy



5 Series

Model 520

FEATURES

- Triplex pumps provide smooth liquid flow
- Liquid cooled, low drag seals provide long life, improved suction, higher efficiency and longer dry running without damage
- Balanced flow crankcase design and precision machining ensures uniform lubrication and quiet operation
- Manifold is designed and machined to guarantee superior fluid flow
- Zero-clearance exclusionary seals protect crankcase

QUALITY

- 100% stainless steel valve assemblies deliver greater temperature and chemical handling abilities
- Precision ground ceramic plungers utilize a proprietary material blend for long life and increased thermal shock resistance
- Forged brass manifolds offer strength and corrosion resistance
- Proprietary, proven seal blend maximizes life and increases maintenance intervals
- Oversized crankshaft bearings for long life and quiet operation

MAINTENANCE

- No special tools required for repair or maintenance
- Fluid end is easily serviced without entering crankcase
- Easy access seal case and valve assemblies
- Seals require no adjustment

SPECIFICATIONS

Model 520	US	METRIC
Flow	4 gpm	15.2 lpm
Pressure	3000 psi	207 bar
RPM	1150	1150
Inlet Pressure	-5 to 70 psi	0-5 kgf
Inlet	1/2" NPT	1/2" NPT
Outlet	3/8" NPT	3/8" NPT
Oil requirement	21 oz.	.61 L
Shaft Dia.	.866"	22 mm
Max Liquid Temp.	170°F	85°C
Shaft Location	L or R	L or R
Weight	21 lbs.	9.5 kg

Determining Pump RPM	Rated GPM	=	"Desired" GPM
	Rated RPM	=	"Desired" RPM
Determining Required HP	GPM x PSI	=	Electric Brake H.P. Required
	1460	=	
Determining Motor Pulley Size	Motor Pulley OD	=	Pump Pulley OD
	Pump RPM	=	Motor RPM

