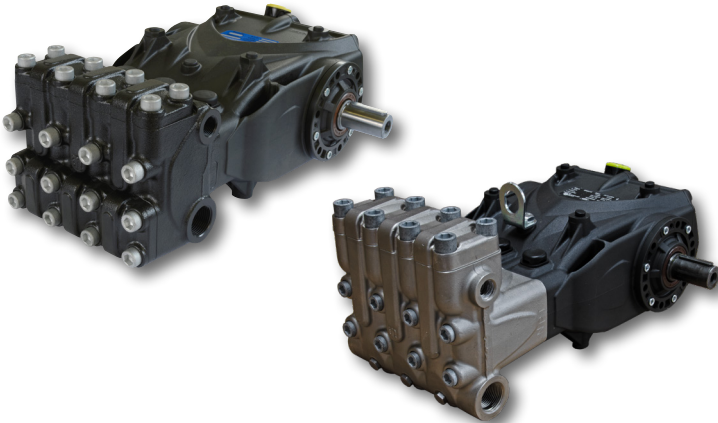


EV Series

FEATURES

- “HR” coating on manifold 30 times more resistance to salt water mist from road spray
- Stainless Steel manifold on EV16SN, EV18SN & EV25SN
- Triplex Plunger Pump, available in 5 plunger diameters
- Patent-pending, symmetrical power end design featuring top and bottom mounting holes allowing for easy left to right shaft conversion
- Low-high pressure packing design with integrated cooling system, no greasing required
- High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas
- Splash lubrication
- SAE-B hydraulic drive available with hollow splined shaft or bell housing



EV16SN, EV18SN
& EV25SN ONLY

COMMON SPECIFICATIONS

MATERIALS

- High resistance light alloy die cast aluminum crankcase
- GS600 cast iron manifold,HR treated
- Taper roller bearings
- Special anti-friction, forged, light alloy connecting rods
- Forged alloy steel crankshaft, hardened, tempered and nitrited
- Solid ceramic plungers
- Stainless steel valves

- Maximum Inlet Pressure:..... 45 PSI
- Maximum Fluid Temperature:..... *140° F
- Inlet Port Thread:..... 1”NPT-F
- Discharge Port Thread:..... 1/2”NPT-F
- Shaft Diameter:..... 1.102”/28 mm
- Stroke:..... 1.379”/35 mm
- Pump Dimensions:..... 17.1”x 12.1”x 6.8”
- Crankcase Oil Capacity:..... 60.7 oz. (1.8 liters)
- (use GP Series 220 Oil)
- Shipping Weight..... 65 lbs./29.5 kg

Product Group: V

*Please consult technical guide or GP Sales Representative for Temperature/Inlet Pressure Information.

Note: All models come standard with crankshaft on right side (when facing manifold).

MODEL	GPM/LPM	PSI/BAR	RPM	BORE	HP
EV16SN	8.2 GPM/ 31 LPM	5800 PSI/400 BAR	1450 RPM	.630 in./16 mm	33
EV16SN	9.8 GPM/ 37 LPM	5800 PSI/400 BAR	1750 RPM	.630 in./16 mm	39
EV18SN	10.3 GPM/ 39 LPM	4640 PSI/320 BAR	1450 RPM	.709 in./18 mm	33
EV18SN	12.4 GPM/ 47 LPM	4640 PSI/320 BAR	1750 RPM	.709 in./18 mm	40
EV20A	12.6 GPM/48 LPM	3770 PSI/260 BAR	1450 RPM	.787 in./20 mm	33
EV20A	15.3 GPM/58 LPM	3770 PSI/260 BAR	1750 RPM	.787 in./20 mm	40
EV22A	15.3 GPM/58 LPM	3000 PSI/207 BAR	1450 RPM	.866 in./22 mm	32
EV22A	18.4 GPM/70 LPM	3000 PSI/207 BAR	1750 RPM	.866 in./22 mm	38
EV25SN	19.8 GPM/75 LPM	3000 PSI/207 BAR	1450 RPM	.984 in.25 mm	41
EV25SN	23.7 GPM/90 LPM	3000 PSI/207 BAR	1750 RPM	.984 in.25 mm	49
EV25A	19.8 GPM/75 LPM	3000 PSI/207 BAR	1450 RPM	.984 in.25 mm	41
EV25A	23.7 GPM/90 LPM	3000 PSI/207 BAR	1750 RPM	.984 in.25 mm	49
EV26A	21.4 GPM/81 LPM	2610 PSI/180 BAR	1450 RPM	1.024 in./26 mm	38
EV26A	25.8 GPM/98 LPM	2610 PSI/180 BAR	1750 RPM	1.024 in./26 mm	46
EV28A	24.8 GPM/94 LPM	2000 PSI/138 BAR	1450 RPM	1.102 in./28 mm	34

Volumes are theoretical at 100% volumetric efficiency.

Above pumps also available with crankshaft on left side. To order, add an “L” to the end of the model number.

PUMP OPTIONS

- SAE-J 744-B hydraulic drive available with hollow splined shaft or bell housing.
- Rail Kit - GP Part No. 101156 - 3" Tall



General Pump
is a member of
The Interpump Group



Ref 301040 Rev. F
04-25



ACCESSORIES

REGULATORS

■ R1

18.5-29.0 GPM
2900-8700 PSI



■ R1X

18.5-29.0 GPM
2900-8700 PSI
316 SS



■ ZKSX1

16.0 GPM
3600 PSI
316 SS



■ YRVPP26SS

21.0 GPM
4500 PSI



GUNS / LANCES

■ ZP87SSL19/39/19S/39S

15.85 GPM
8700 PSI



■ YG7221/L31-YG7221/51

21.0 GPM
7250 PSI



■ YRL56L

8.0 GPM
5650 PSI



SAFETY DEVICES

■ SV2

50.0 GPM
1450-8700PSI



■ SX2

50.0 GPM
1450-5899 PSI



■ ZKS3

2.6-26.4 GPM
0-10150 PSI



■ 100984

6.0-10.0 GPM
4500 PSI



PULSATION DAMPENERS

■ A4X

16.0 GPM
3050PSI



■ A7S

43.0 GPM
4750 PSI



■ 686028

10.0 GPM
3000 PSI
Rechargeable



■ 686011

6.0-10.0 GPM
4500 PSI
Non-Rechargeable



UNLOADERS

■ RA2

61.0 GPM
3050 PSI



■ ZK7216SS

15.85 GPM
7200 PSI



■ ZK5813

13.2 GPM
5800 PSI



■ YU2140

21.0 GPM
4060 PSI



MISCELLANEOUS

■ 320001/ 320003

3000/5000 PSI
Pressure
Gauge



■ ZRMAX

1.4-13.9 GPM
11000/22000 PSI
Rotating Nozzle



■ Y7K

7000 PSI
Rotating
Nozzle



■ 639273

55.0 GPM
50/297 Mesh/
Micron
Filter



■ 190448

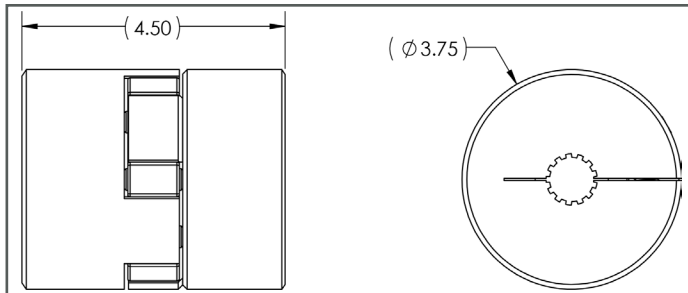
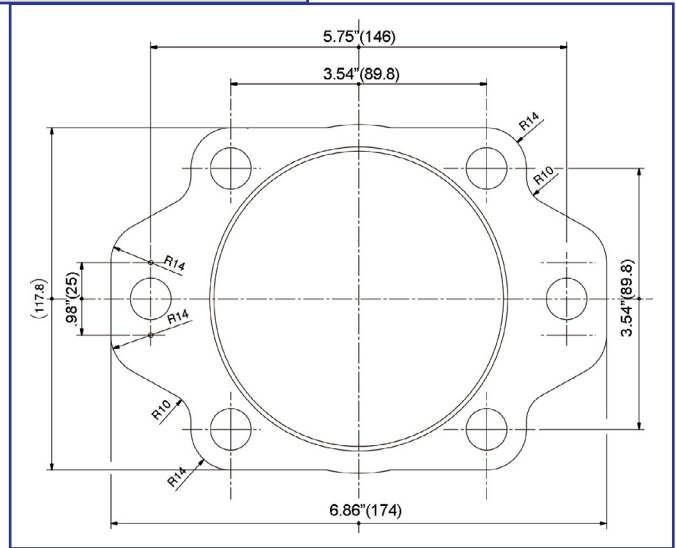
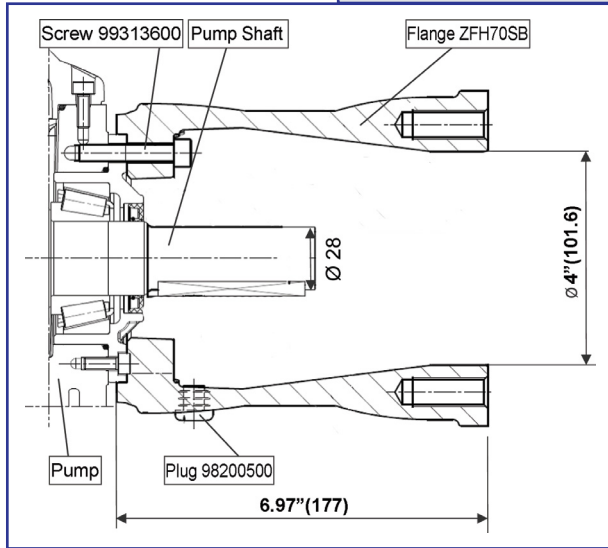
Oil Drain Kit





DRIVE OPTIONS

ZFH70SB SAE-B 2 & 4 Bolt Hydraulic Bell Flange



637061 Flexible Coupler Side 1: 7/8"-13 Tooth Spline (SAE B) Side 2: 28 MM Keyed

SAE J744-B Spline Shaft 13T 16/32 DP Hydraulic Drive.



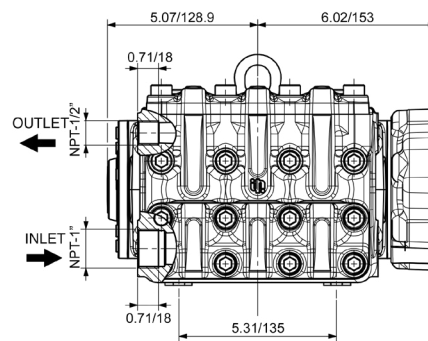
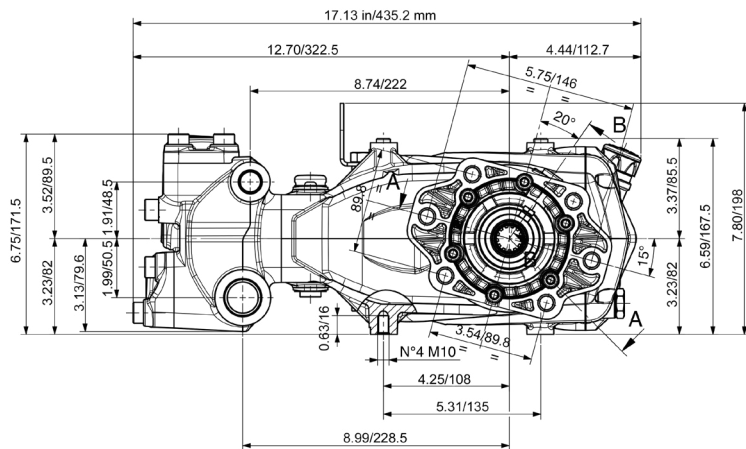
ZRPM1 RPM Counter

Inductive proximity sensor, c/w female connector M12 4 pin, IP67, field attachable, ring nut reduction M18 x 1.
Power Supply: 12/24 VDC

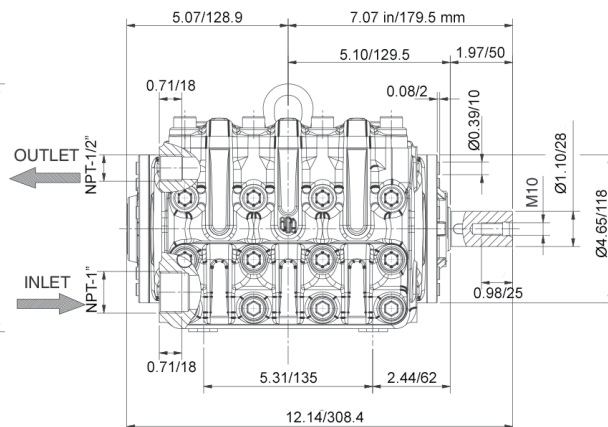
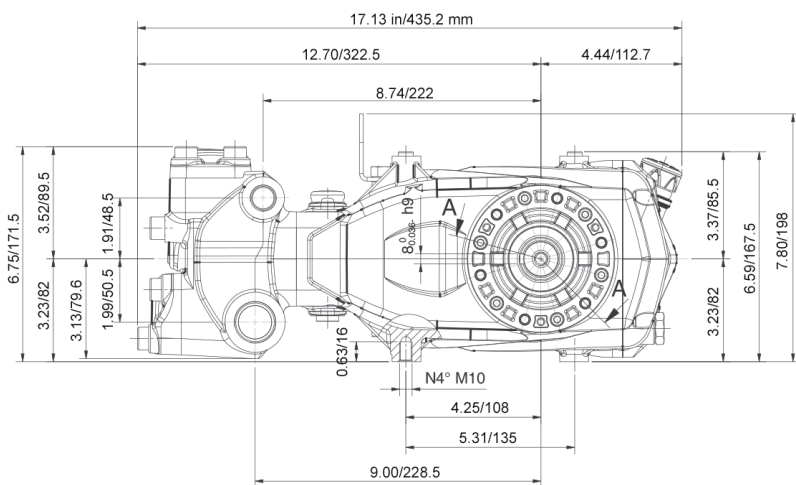




HYDRAULIC FLANGE DIMENSIONS



OVERALL DIMENSIONS



Optional Rail Kit: GP Part No. 101156

