TRIPLEX

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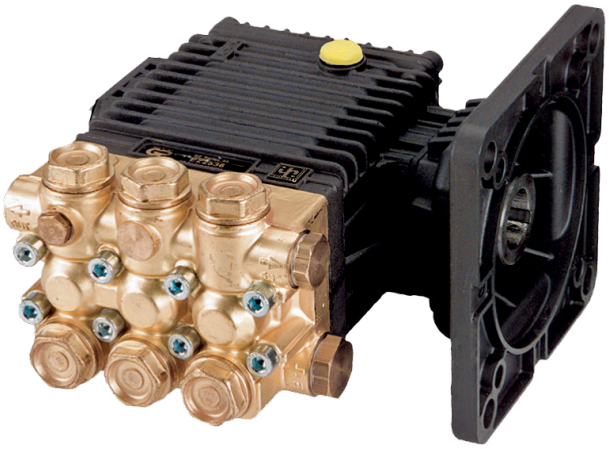
GENERAL PUMP *A member of the Interpump Group*

EZ Series 44

Triplex Plunger Pump, Hollow Shaft, Electric

FEATURES

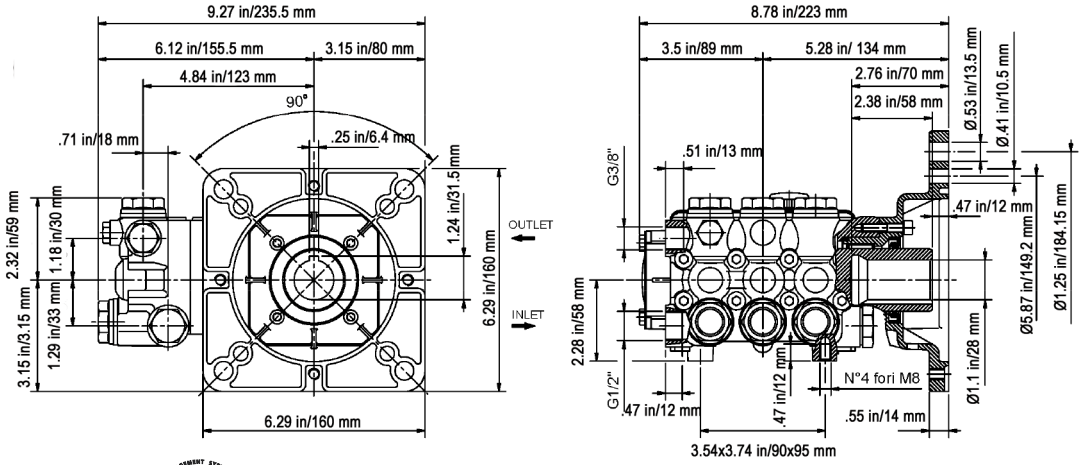
- Standard NEMA-184TC electric mounting flange
- Forged brass manifold with an exclusive lifetime warranty and 3:1 hydrostatic rating
- Die-cast, anodized aluminum oil-bath crankcase
- Innovative one-piece plunger design to eliminate water entering crankcase
- Premium roller bearing
- 5% reduction in crankcase load compared to standard 3,000 PSI, 15 mm pumps
- Unitized stainless steel inlet and discharge valves
- Available in “L” left-handed versions



SPECIFICATIONS

Pump Model	EZ4040E34	EZ4035E34
Maximum Volume	4.0 GPM	3.5 GPM
Maximum Discharge Pressure	4000 PSI	
Maximum Pump Speed	3400 RPM	
Maximum Inlet Pressure	125 PSI	
Maximum Inlet Vacuum	3 ft. water (2.6 in. Hg)	
Plunger Bore	.512 in. / 13 mm	
Plunger Stroke	.512 in. / 13 mm	.433 in. / 11 mm
Crankcase Oil Capacity	14.0 oz.	
Maximum Fluid Temperature	165º F	
Inlet Port Thread	1/2-14 BSP-F	
Discharge Port Thread	3/8-19 BSP-F	
Shaft Diameter	1.25 in/31.75 mm	
Weight	20 lbs.	
Dimensions	9.27” x 8.78” x 6.26”	

DIMENSIONAL DRAWING



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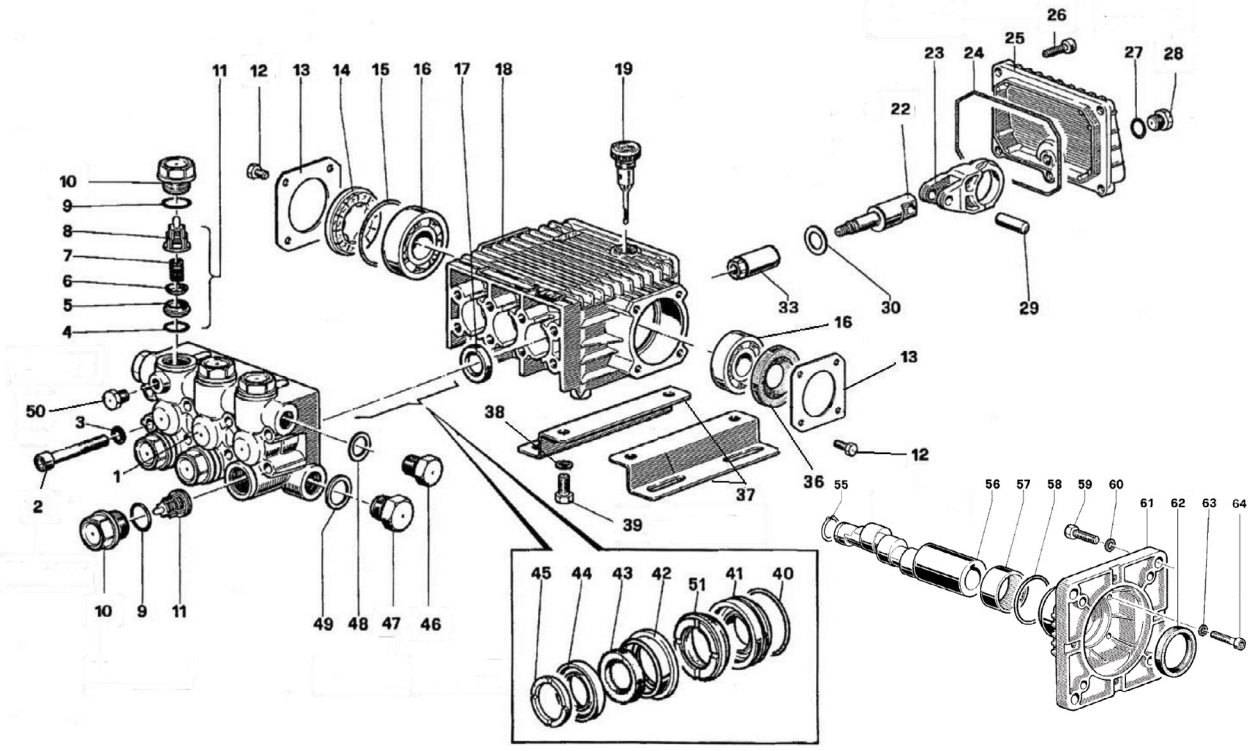

PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY.
1.	44120841	Manifold	1
2.	99317500	Screw	8
3.	96701400	Washer Ø8.4x13x0.8	8
4.	701115	O-ring Ø17.3x2.62	6
5.	36200366	Valve Seat	6
6.	36200176	Valve	6
7.	94737600	Spring	6
8.	36202551	Valve Cage	6
9.	701002	O-ring Ø 20.24x2.62	6
10.	98222500	Cap Screw M24x1.5x7	6
11.	36711501	Valve Assembly	6
12.	99180700	Screw M6x10	8
13.	50150074	Side Cover	2
14.	44211801	Sight Glass	1
15.	90409700	O-ring Ø55.56x3.5	1
16.	91833100	Ball Bearing	2
17.	90161400	Oil Seal	3
18.	44010022	Crankcase	1
19.	98210300	Oil Dip Stick	1

ITEM	PART NO.	DESCRIPTION	QTY.
22.	44050166	Piston Guide	3
23.	44030022	Connecting Rod	3
24.	90392000	O-ring Ø101.27x2.62	1
25.	44160022	Rear Cover	1
26.	99183700	Screw M6x14	5
27.	701013	O-ring	1
28.	98204250	Plug G 1/4”x9	1
29.	97734000	Pin Ø10x29.5	3
30.	96696700	Washer Ø7.1x28x0.5	3
33.	44040266	Plunger, 13 mm	3
36.	90164100	Oil Seal Ø25x62x10	1
37.	50200074	Rail	2
38.	96701600	Washer Ø8.4	4
39.	99303700	Screw M8x16	4
40.	90361200	O-ring Ø31.47x1.78	3
41.	44080370	Packing Retainer Ø13	3
42.	52216270	Intermediate Ring Ø13	3
43.	90507600	Packing Ø13x17x2	3
44.	90260200	Packing Ø13	3

ITEM	PART NO.	DESCRIPTION	QTY.
45.	44100251	Head Ring Ø13	3
46.	98210000	Cap Screw G 3/8”x13	1
47.	98217600	Cap Screw G 1/2”x10	1
48.	96738000	Washer Ø17.5x23x1.5	1
49.	96751400	Washer Ø21.5x27x1.5	1
50.	98196700	Plug G 1/8”x8	1
51.	90260300	Seal, Low Pressure Ø13	1
55.	90063500	Stop Ring Ø25	1
56.	44021665	Crankshaft	1
57.	91856800	Roller Bearing	1
58.	90409700	O-ring Ø 55.56x3.53	1
59.	99460000	Screw 1/2”-13x1-1/4”	4
60.	96719500	Washer Ø13x18x1.1	4
61.	10050422	Electric Flange	1
62.	90169000	Oil Seal Ø45x62x8	1
63.	96693800	Washer Ø6.4x10x0.7	4
64.	99191200	Screw M6x30	4

REPAIR KITS

KIT NO.	K23	K123	K152	K153	K154	K155	K156	K158
ITEM NO’s INCLUDED IN KIT	17	4, 5, 6, 7, 8, (11)	40, 41	43, 44, 51	42	45	40, 41, 42, 43, 44, 45 51	9, 10
NUMBER OF ASSEMBLIES IN KIT	3	6	6	3	3	6	3	6

TORQUE SPECS*

Pos.	Ft/lb	N-M
2	14.7	20
10	95.9	130
12	7.3	10
26	7.3	10
28	14.7	20
46	29.4	40
47	29.4	40
50	9.6	13
79	14.7	20
84	7.3	10

* Decrease torque by 20% if threads are lubricated

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