

# PULSAR3KHPEZ

*Unloader Valve with Easy Start*



**Trapped pressure type unloader - ideal for use in systems which incorporate a gasoline engine;** eliminates back pressure in system when pulling a manual start engine. Features brass and stainless steel construction, and a plastic adjustable pressure control knob.

*General Pump recommends using a safety relief device in conjunction with this unloader valve when installed on a positive displacement pump. General Pump is not liable and assumes no responsibility for this valve when used in a customer's high pressure system.*

## SPECIFICATIONS

Part Number	PULSAR3KHPEZ
Max. Volume	7.8 GPM
Rated Pressure	4000 PSI
Max Temperature	194 <sup>0</sup> F
Port Sizes: Inlet	3/8" NPT-F
Outlet	3/8" NPT-F
Bypass	(2) 3/8" NPT-F
Overall Dimensions	6.61" x 3.2" x 2.3"
Weight	1.60 lbs.
Materials	Brass, Stainless Steel, Buna-N

## PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	Y60006331	Ball Housing Fitting	1
2*	Y10306801	O-ring, 1.178 x 17.17 mm	2
3*	Y14746100	SS Ball, 13/32	1
4*	Y60025451	Seat	1
5*	Y10305901	O-ring	1
6	Y60002531	Brass Plug, 3/8 NPT	1
7	Y60005735	Brass Body, NPT	1
8	Y60006123	SS Piston Rod	1
9*	Y10317008	O-ring, 2.62 x 7.6 mm	1
10*	Y10402000	Backup Ring	1
11	Y60006431	Brass Piston Housing	1
12	Y15102100	Locking Pin	1
13*	Y10402100	Backup Ring	2
14*	Y10317508	O-ring, 2.62 x 10.77	1
15*	Y10321308	O-ring, 3 x 6 mm	1
16	Y60005231	Check Valve	1
17	Y60005351	SS Check Valve Spring	1
18*	Y10307002	O-ring, 1.78 x 18.77 mm	1
19	Y60005931	Outlet Fitting, 3/8 NPT-F	1
20	Y60000284	Cap	1
21	Y11458910	Zinc Nut, M8	1
22	Y60000131	Nut, M8	1
23	Y60000384	Knob	1
24	Y14372040	Washer	1
25	Y11457331	Brass Nut, M8 x 1.25 x 4.5 mm	2
26	Y60003361	Blue Spring	1
27	Y60025920	Seat Assembly ( pos. 4 & 5)	1
28	Y60000424	Plastic Cap Assembly (pos. 20, 22, 23)	1
*	Y60005424	REPAIR KIT	

