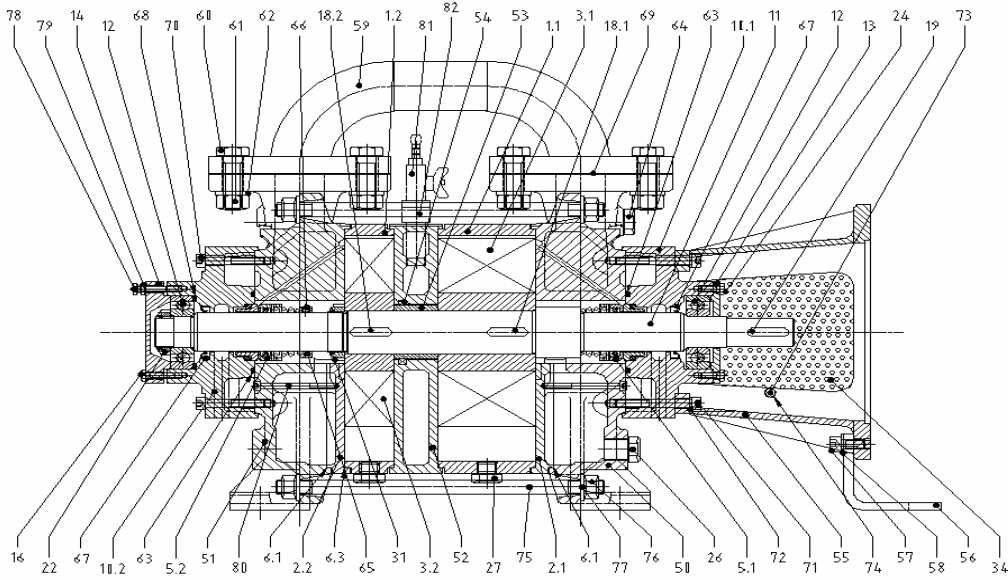




**GRAHAM**  
ENGINEERING ANSWERS

2PV42160/\*\*/DD/L

Date  
Serial No.  
Spare Parts List



Item	Description	Quantity	** /10	** /13	** /20
			Part Number	Part Number	Part Number
1.1	Casing, 1 <sup>st</sup> stage	1	40443	40443	40444
1.2	Casing, 2 <sup>nd</sup> stage	1	40445	40445	40446
2.1	Port plate, suction side	1			
2.2	Port plate, discharge side	1			
3.1	Impeller, 1 <sup>st</sup> stage	1	40447	40448	40448
3.2	Impeller, 2 <sup>nd</sup> stage	1	40449	40450	40450
5.1	Mechanical seal, drive side	1	●	●	●
5.2	Mechanical seal, non drive side	1	●	●	●
6.1	Casing-plate gasket	2	●	●	●
6.3	Interstages gasket	4	●	●	●
10.1	Bearing housing	1	40388	40388	40388
10.2	Bearing housing	1	40388	40388	40388
11	Shaft	1	40451	40451	40452
12	Bearing	2	●	●	●
13	Bearing cover d.e.	1	40393	40393	40393
14	Bearing cover i.e.	1	40394	40394	40394
16	Screw	4	✦	✦	✦
18.1	Impeller key, 1 <sup>st</sup> stage	1	✦	✦	✦
18.2	Impeller key, 2 <sup>nd</sup> stage	1	✦	✦	✦
19	Coupling key	1	✦	✦	✦
22	Bearing nut	1	●	●	●
24	Screw	4	✦	✦	✦
26	Plug	5	✦	✦	✦
27	Plug	2	✦	✦	✦
31	Impeller nut	1	●	●	●
34	Coupling guard	1	40397	40397	40397
50	Suction casing	1	40398	40398	40399
51	Discharge casing	1	40400	40400	40401
52	Central port plate	1	40402	40402	40403
53	Impeller spacer	1	●	●	●
54	Packing	1	●	●	●
55	Lantern (motor frame 132)	1	40404	40404	40404
56	Lantern foot	1	40405	40405	40405
57	Screw	2	✦	✦	✦
58	Washer	2	✦	✦	✦
59	Manifold	1	40453	40453	40454
60	Screw	8	✦	✦	✦
61	Nut	16	✦	✦	✦
62	Washer	16	✦	✦	✦
63	O-Ring	2	●	●	●
64	Plug	1	✦	✦	✦
65	Mechanical seal spacer	1	✦	✦	✦
66	Headless screw	2	✦	✦	✦
67	Radial lip seal	2	●	●	●
68	Compensating ring	3	●	●	●
69	Flange gasket	2	●	●	●
70	Screw	4	✦	✦	✦
71	Screw	4	✦	✦	✦
72	Washer	4	✦	✦	✦
73	Screw	4	✦	✦	✦
74	Washer	4	✦	✦	✦
75	Tie rod	4	40455	40455	40455
76	Nut	4	✦	✦	✦
77	Washer	4	✦	✦	✦
78	Screw	4	✦	✦	✦
79	Nut	4	✦	✦	✦
80	Screw	2	✦	✦	✦
81	Relief valve	1	40409	40409	40410
82	Socket	1	40411	40411	40412
●	Repair Kit	1	40180	40180	40181
✦	Kit of nuts and bolts	1	40415	40415	40415

Minimum Order: Domestic \$100.00; Foreign \$300.00 All Prepaid & Add orders are subject to applicable handling charge

Credit Card Orders are Subject to 1.5% Discount  
EX-WORKS BATAVIA, NY USA DOMESTIC PACKING  
10% Additional Charge for Export Packing  
PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE  
Subject to Graham Standard Conditions of Sale

Graham Corporation, Corporate and Sales Headquarters: 20 Florence Avenue, Batavia NY USA 14020  
Phone: 585-343-2216 Fax: 585-343-1097 E-mail: equipment@graham-mfg.com Web site: www.graham-mfg.com