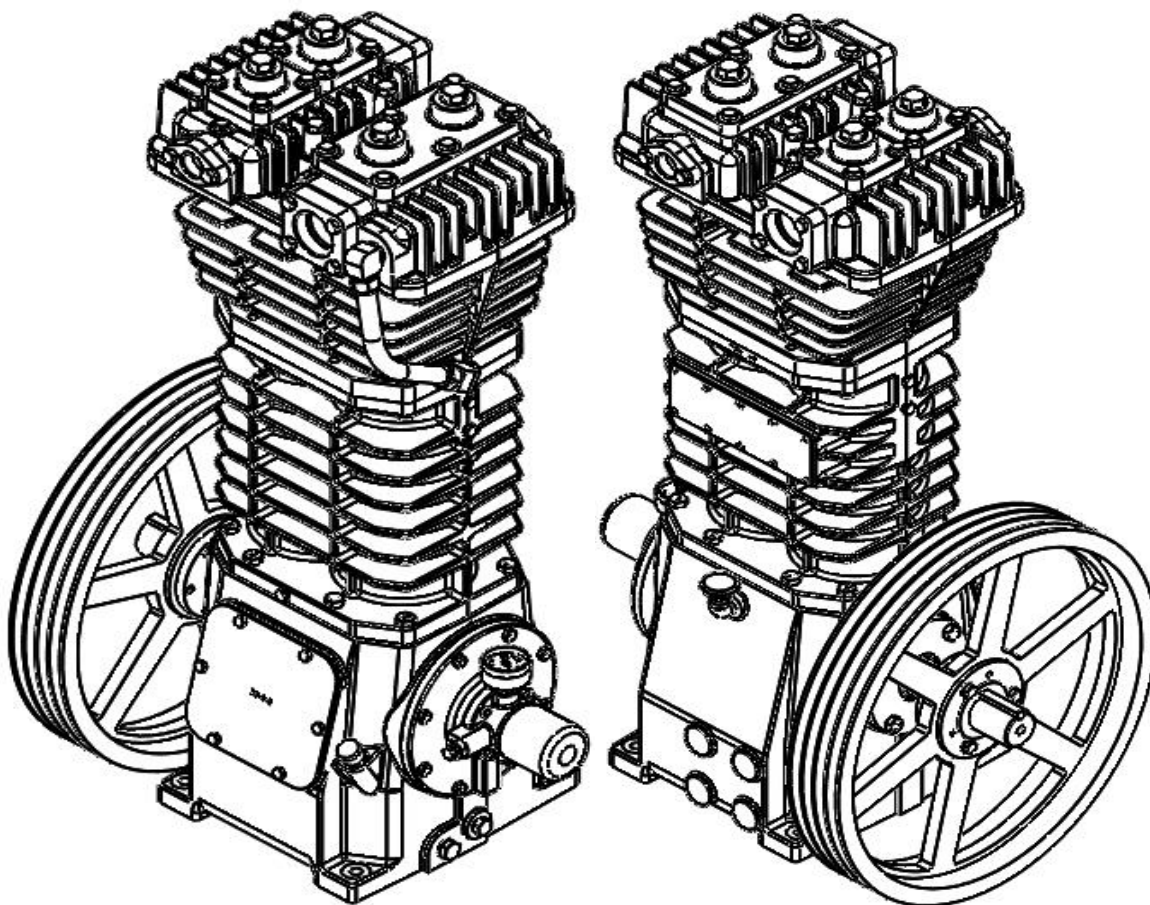


NGS612C PARTS LIST

(See Instructions 601-A00 for Operation and Maintenance)

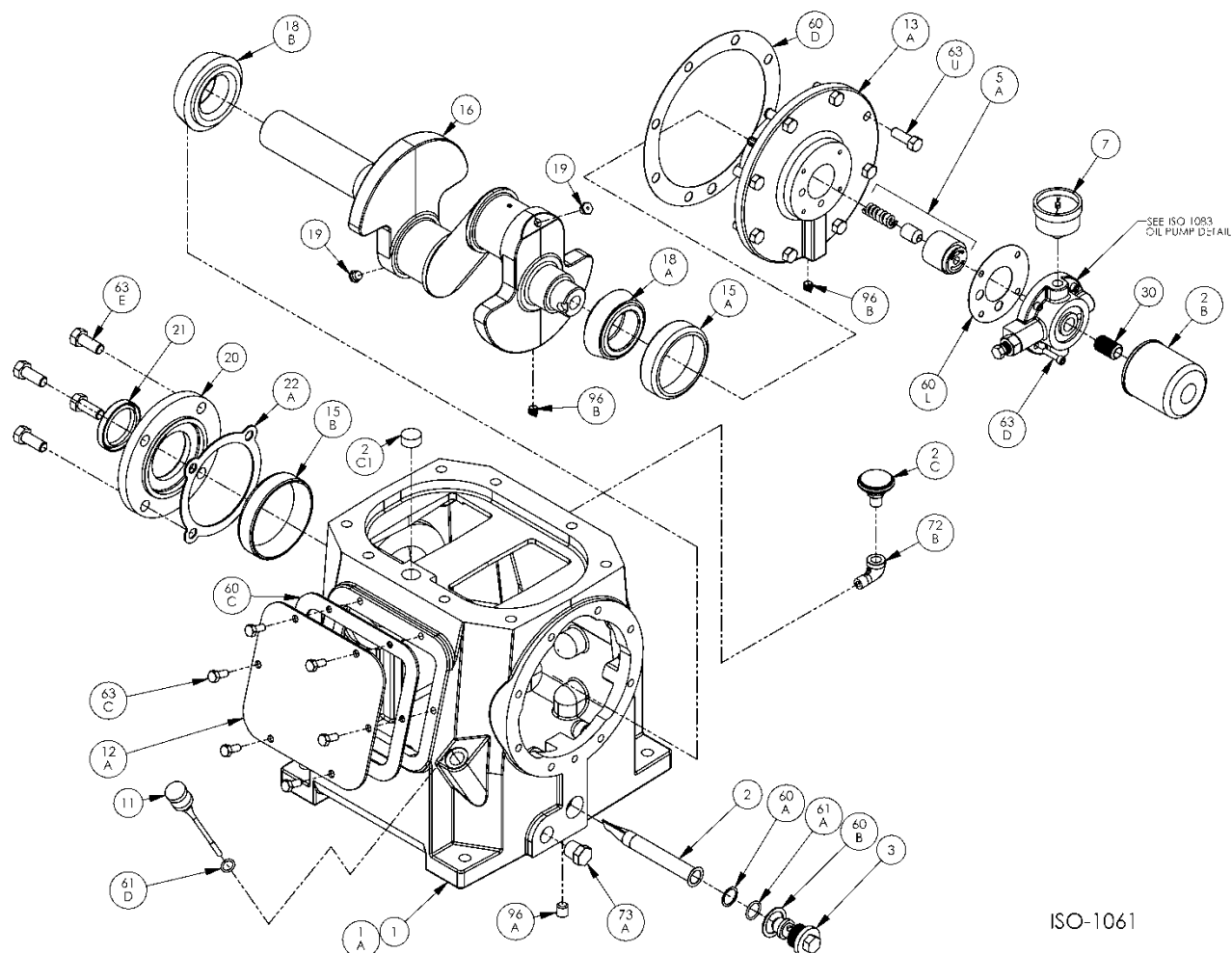
Serial # _____

ID# _____



Gasket Set, Repair Kits and Special Tools

Gasket Set	FKM & Iron	794697
Packing Installation Tool		790538
Valve Hold Down Screw Tool		798016
Spanner Wrench, 1/4" Adjustable		790316
Wrench for Valve Hold Down Screw		790535
Piston Tool		798006 & 798008



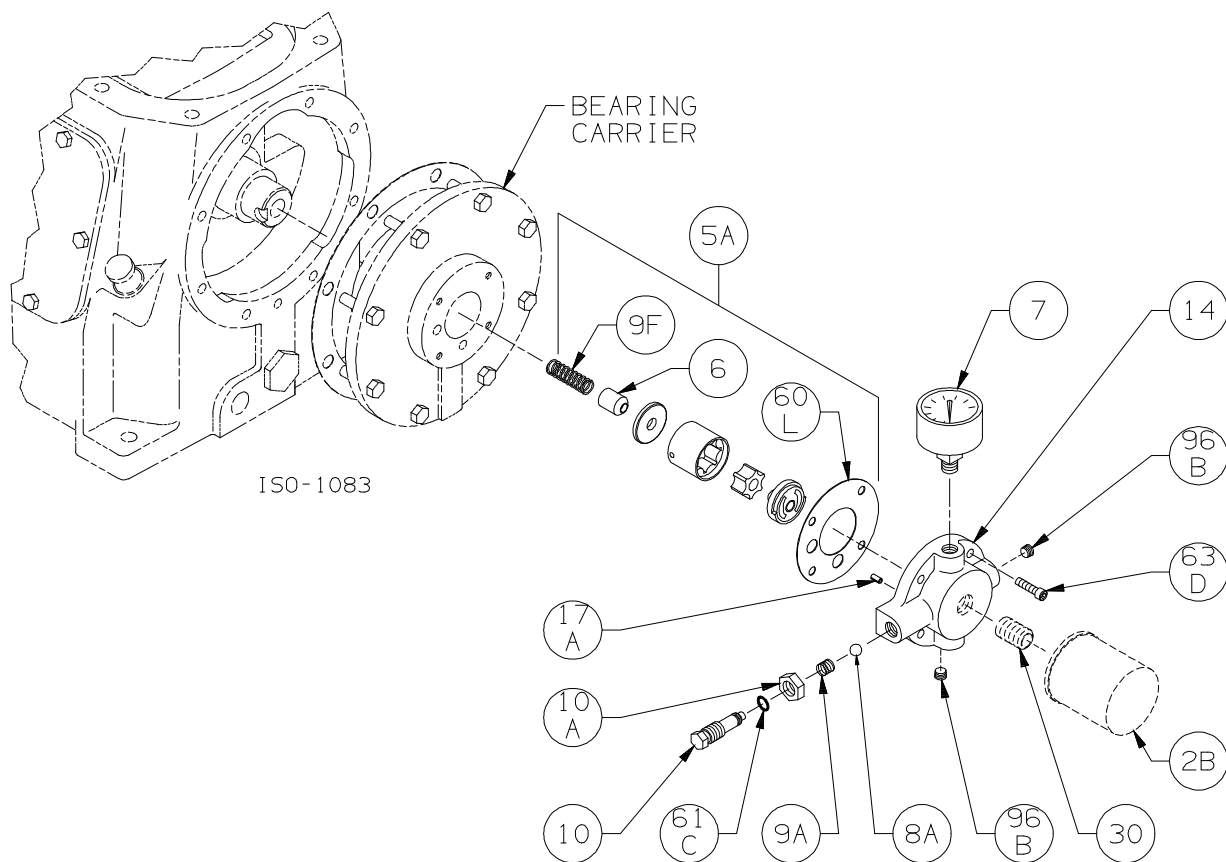
ISO-1061

Crankcase ISO1061

Ref	Description	Qty	Part No
1	Crankcase Assembly – with Oil Filter	1	794758
1A	Crankcase	1	794709
2	Oil Intake Screen	1	792135
2B	Oil Filter	1	794726
2C	Breather Filter	1	792070
3	Oil Screen Plug	1	792145
5A	Oil Pump Kit	1	794760
7	Oil Pressure Gauge	1	790012
11	Oil Bayonet Assembly	1	792162
12A	Inspection Plate	1	794140
13A	Bearing Carrier	1	794714
15A	Bearing Cup (Outboard)	1	794131
15B	Bearing Cup (Inboard)	1	794731
16	Crankshaft Assy (w/ 18A,18B,19,96B)	1	794708
18A	Bearing Cone (Outboard)	1	794130
18B	Bearing Cone (Inboard)	1	794730
19	Orifice	2	792146
20	Bearing Cover Plate	1	794716

Ref	Description	Qty	Part No
21	Oil Seal	1	794732
22A	Bearing Adjustment Shim Kit	1	794733
30	Oil Filter Fitting	1	794725
60A	Gasket - Oil Screen *	1	792136
60B	Gasket - Oil Screen Plug *	1	792123
60C	Gasket - Inspection Plate *	1	794122
60D	Gasket - Bearing Carrier Assy*	1	794720
60L	Gasket - Oil Pump Cover *	1	794721
61A	O-Ring - Oil Screen *	1	792175
61D	O-Ring - Oil Bayonet *	1	792174
63C	Capscrew - Hex Hd	6	793116
63D	Capscrew - Soc Hd	4	790559
63E	Capscrew - Hex Hd	4	790484
63U	Capscrew - Hex Hd	8	792093
72B	Elbow	1	790453
73A	Pipe Plug	1	790024
96A	Pipe Plug	1	790488
96B	Pipe Plug	2	790309

* Included in Gasket Sets



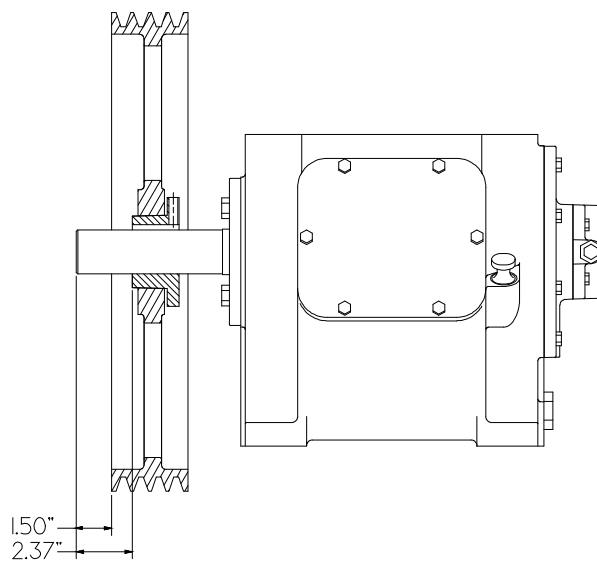
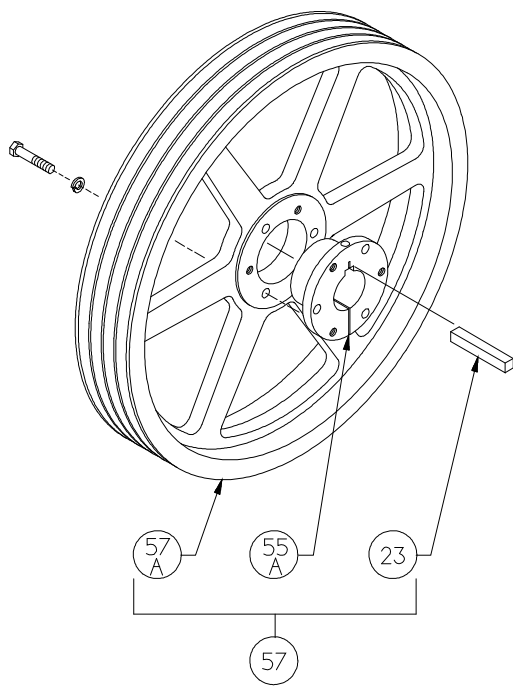
Oil Pump

Ref	Description	Qty	Part No
2B	Oil Filter	1	794726
5A	Oil Pump Kit (with 6, 9F, 60L)		794760
6	Oil Pump Cone	1	794750
7	Oil Pressure Gauge	1	790012
8A	Oil Pressure Adj. Ball	1	792154
9A	Oil Pressure Adj. Spring	1	792153
9F	Oil Pump Spring	1	794751
10	Oil Pressure Adj. Screw	1	792148
10A	Locknut	1	792152

ISO1083

Ref	Description	Qty	Part No
	Oil Pump Cover Assembly - For Filter		794764
14	Oil Pump Cover Assembly (includes 17A, 96B)	1	794763
17A	Roll Pin	1	794753
30	Oil Filter Fitting	1	794725
60L	Gasket - Oil Pump Cover *	1	794721
61C	O-Ring - Adjusting Screw *	1	792168
63D	Capscrew - Socket Head	4	790559
96B	Pipe Plug	2	790309

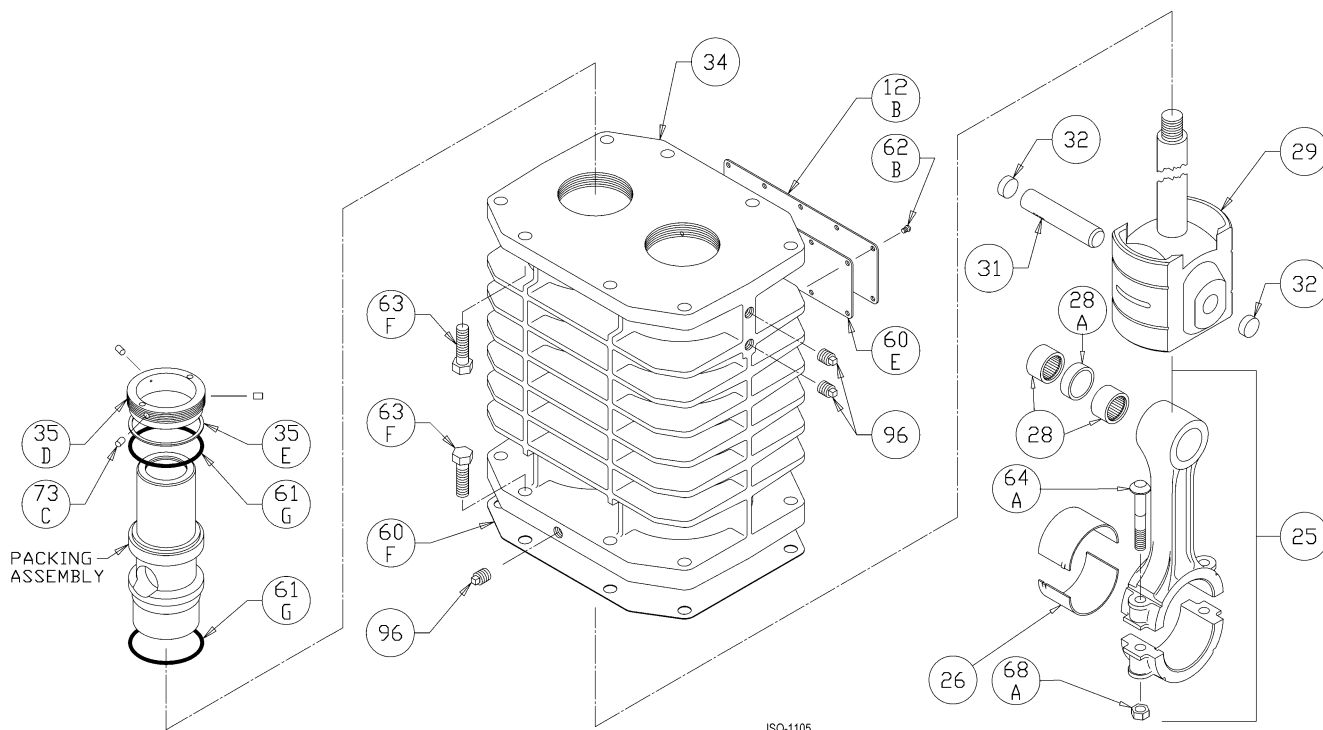
* Included in Gasket Sets



ISO-1084

Flywheel

Ref	Description	Qty	Part No
23	Key	1	794267
55A	Hub (SF 1.875")	1	790149
57	Flywheel Assembly	1	794132
57A	Flywheel	1	790545



Crosshead

Ref	Description	Qty	Part No
12B	Inspection Plate	1	794093
25	Connecting Rod Assembly	2	794767
26	Connecting Rod Bearing	2	794710
28	Wrist Pin Roller Bearing	4	794776
28A	Bearing Spacer	2	794770
29	Crosshead Assembly (top marked '90k')	2	794523
31	Wrist Pin	2	794727
32	Wrist Pin Plug	4	794724
34	Crosshead Guide	1	794430
35D	Hold-down Ring	2	794220

ISO1105

Ref	Description	Qty	Part No
35E	Spacer Ring	2	794403
60E	Gasket - Inspection Plate *	1	794092
60F	Gasket - Crankcase *	1	794121
61G	O-Ring (FKM) *	4	794213
62B	Machine Screw - Inspection Plate	10	793096
63F	Capscrew - Hex Hd - Stainless Steel	16	801185
64A	Connecting Rod Bolt	4	794012
68A	Connecting Rod Bolt Nut	4	794013
73C	Lock Plug *	6	794028
96	Pipe Plug	4	908198

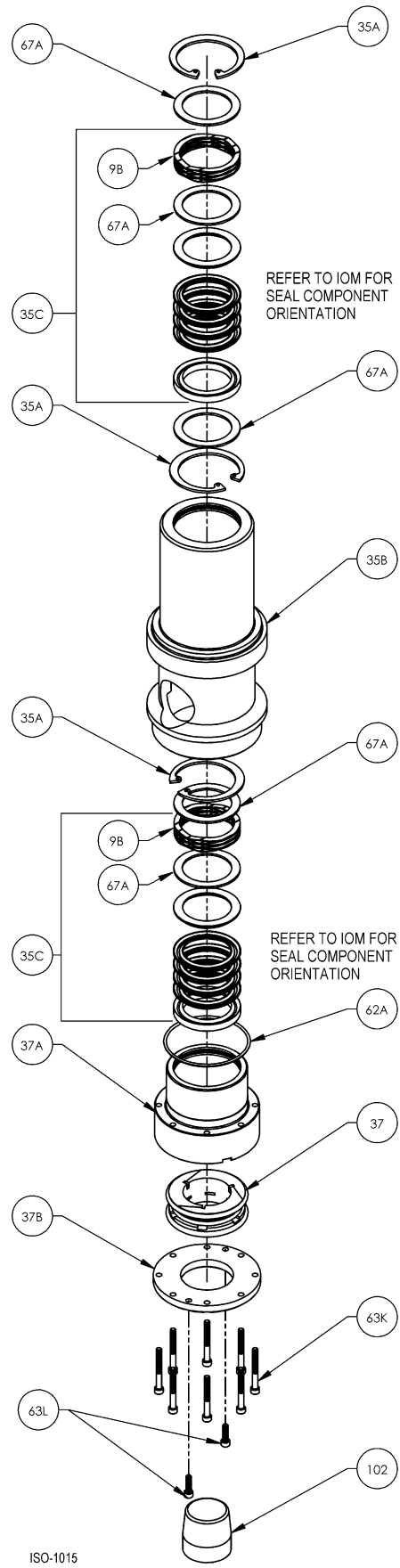
*Included in Gasket Sets

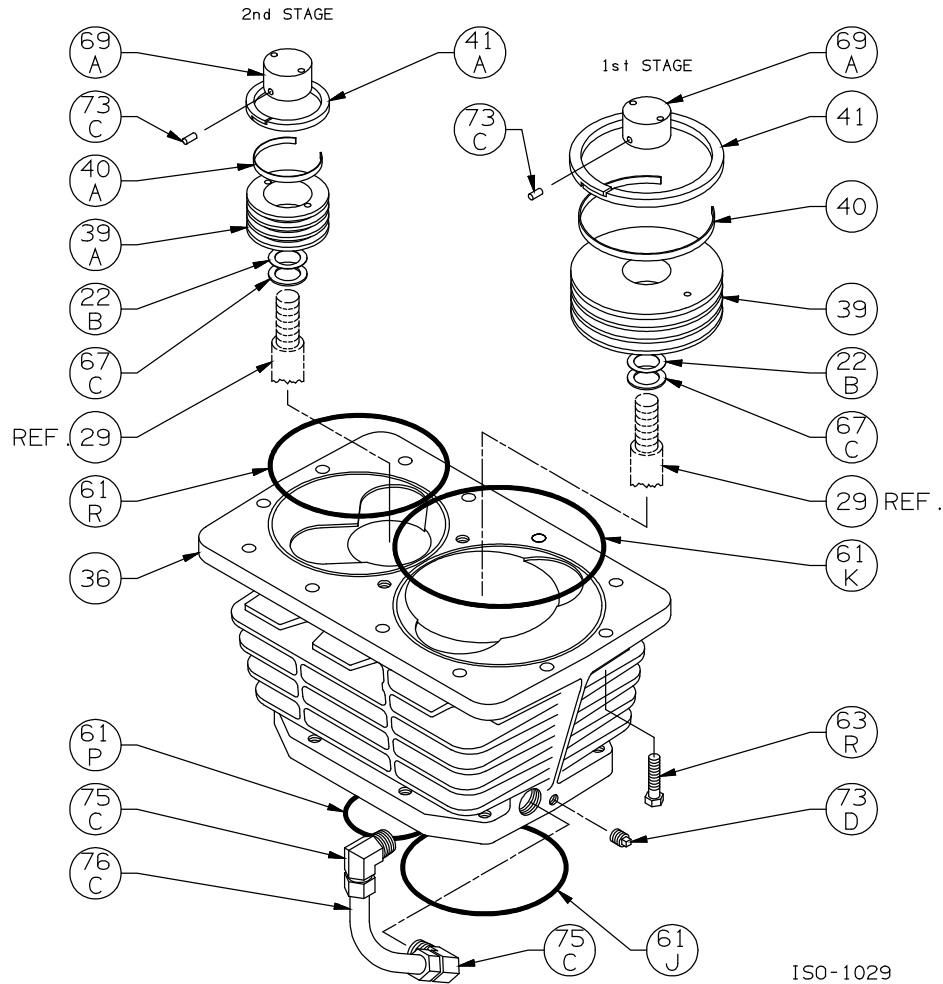
Packing

Ref	Description	Qty	Part No
9B	Packing Spring – Stainless Steel	4	794041
35A	Retainer Ring – Stainless Steel	6	794511
35B	Packing Box (top marked '1018')	2	794445
35C	Packing Set	4	794498
37	S3R Seal	2	794456
37A	Seal Cup	2	794455
37B	Seal Cup Cover	2	794454
62A	O-Ring (FKM) *	2	792313
63K	Capscrew – Socket Head – SS	16	794464
63L	Capscrew – Socket Head – SS	4	794465
67A	Washer - Packing Box	10	794084
102	Packing Installation Tool	1	790538

* Included in gasket sets.

Refer to the Compressor IOM for proper orientation of components.





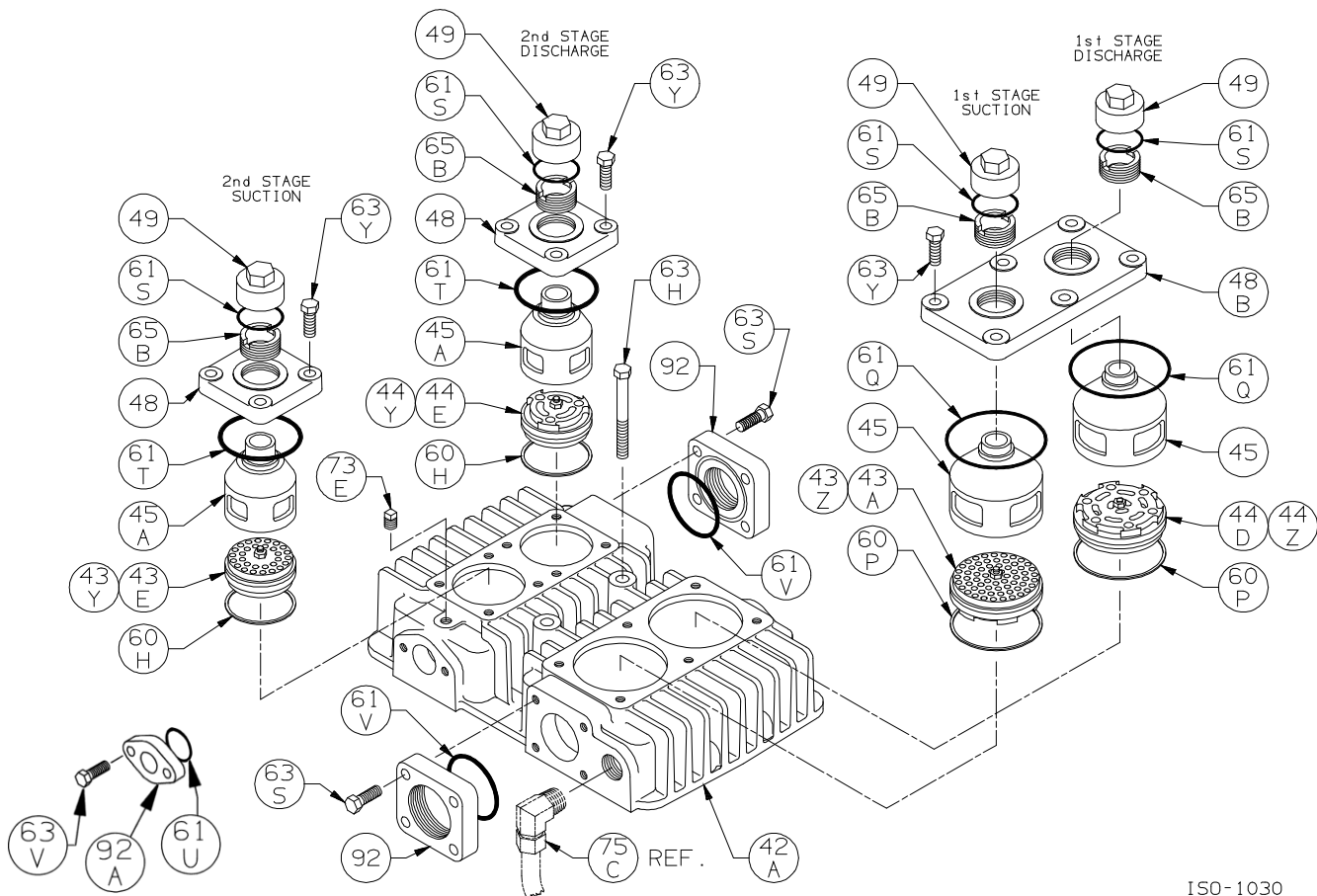
Cylinder

Ref	Description	Qty	Part No
22B	Piston Shim - 0.015	AR	794434
	Piston Shim - 0.007		794436
36	Cylinder	1	794601
39	Piston	1	794621
39A	Piston	1	794622
40	Expander	3	794614
40A	Expander	3	794615
41	Piston Ring – Glass/Moly Filled	3	794610
41A	Piston Ring – Glass/Moly Filled	3	794611
61J	O-Ring (FKM) *	1	794663

ISO1029

Ref	Description	Qty	Part No
61K	O-Ring (FKM) *	1	794633
61P	O-Ring (FKM) *	1	794653
61R	O-Ring (FKM) *	1	793633
63R	Capscrew - Hex Hd – Stainless Steel	12	793150
67C	Thrust Washer	2	794433
69A	Piston Nut	2	794623
73C	Lock Plug *	4	794222
73D	Pipe Plug	1	908198
75C	Tube Elbow	2	790391
76C	Tube	1	790395

* Included in Gasket Sets



ISO-1030

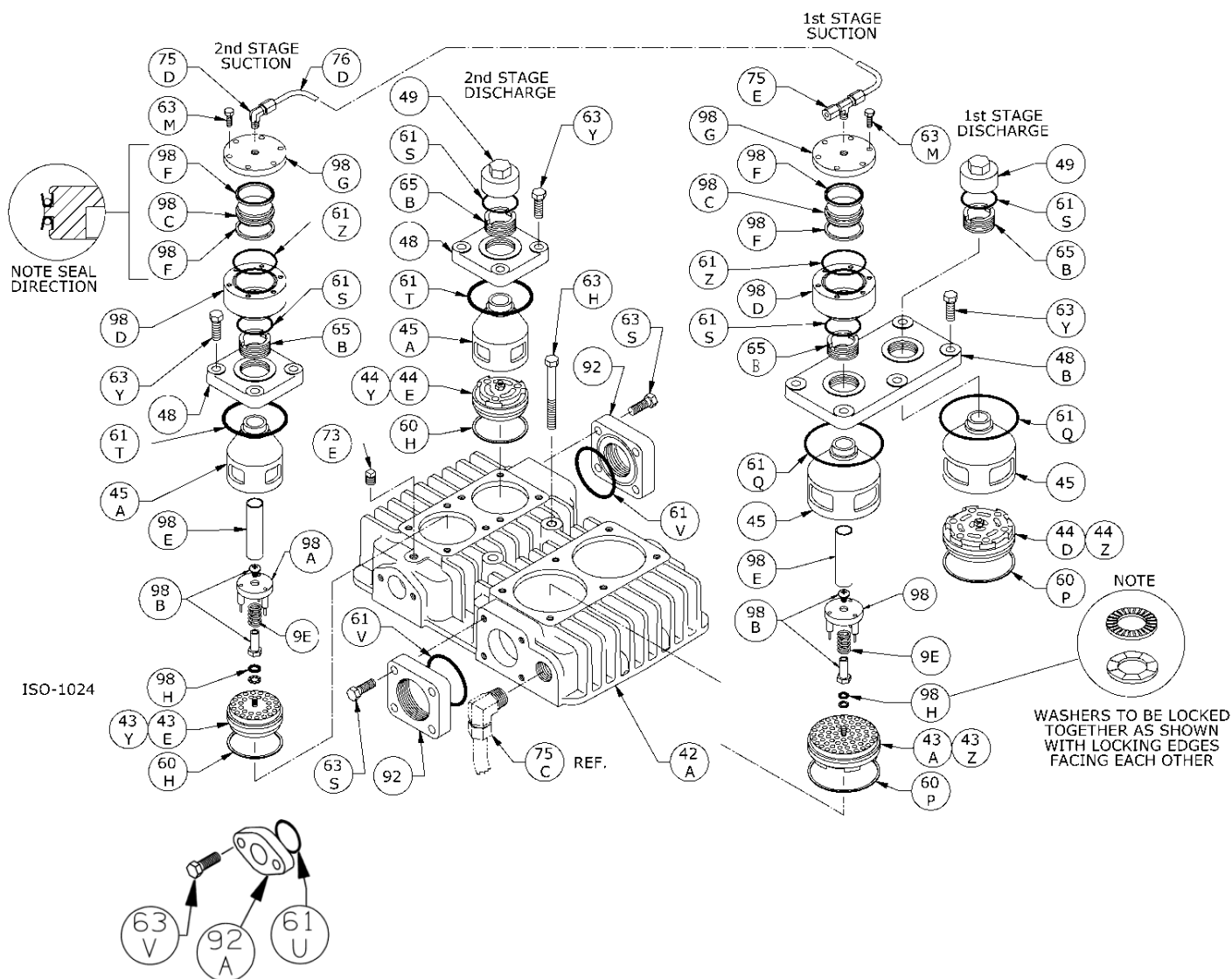
Head

Ref	Description	Qty	Part No
42A	Head	1	794600
43A	Suction Valve Assembly Suction Valve Assy, Stainless Steel	1	794659 794629
43E	Suction Valve Assembly Suction Valve Assy, Stainless Steel	1	793659 793629
43Y	Valve Repair Kit - for 793659/793679 Valve Repair Kit - for 793629		793660 793630
43Z	Valve Repair Kit - for 794659/794679 Valve Repair Kit - for 794629		794660 794630
44D	Discharge Valve Assembly Discharge Valve Assy, Stainless Stl	1	794679 794649
44E	Discharge Valve Assembly Discharge Valve Assy, Stainless Stl	1	793679 793649
44Y	Valve Repair Kit - for 793659/793679 Valve Repair Kit - for 793649		793660 793650
44Z	Valve Repair Kit - for 794659/794679 Valve Repair Kit - for 794649		794660 794650
45	Cage	2	794602
45A	Cage	2	794620

ISO1030

Ref	Description	Qty	Part No
48	Valve Cover Plate	2	794284
48B	Valve Cover Plate	1	794603
49	Valve Cap	4	792003
60H	Gasket - Valve *	2	794198
60P	Gasket - Valve *	2	794616
61Q	O-Ring (FKM) *	2	794643
61S	O-Ring (FKM) *	4	792308
61T	O-Ring (FKM) *	2	792213
61U	O-Ring (PTFE), Intercooler Flng	2	793626
61V	O-Ring (FKM) *	2	792413
63H	Capscrew - Stainless Steel	2	920588
63S	Capscrew - Stainless Steel	8	793151
63V	Capscrew - Stainless Steel	4	793153
63Y	Capscrew - Stainless Steel	14	793153
65B	Valve Holddown Screw	4	792002
73E	Pipe Plug	1	908198
92	Flange - 2 NPT Flange - 1.5 NPT	1	794117 794116
92A	Flange - Intercooler	2	793602

* Included in Gasket Sets



Head Assembly with Unloaders

Head Assy. with Unloaders:

ISO1024

Ref	Description	Qty	Part No
9E	Unloader Spring	2	793293
42A	Head	1	794600
43A	Suction Valve Assembly	1	794659
	Suction Valve Assy, Stainless Steel		794629
43E	Suction Valve Assembly	1	793659
	Suction Valve Assy, Stainless Steel		793629
43Y	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793629		793630
43Z	Valve Repair Kit - For 794659/794679		794660
	Valve Repair Kit - For 794629		794630
44D	Discharge Valve Assembly	1	794679
	Discharge Valve Assy, Stainless Steel		794649
44E	Discharge Valve Assembly	1	793679
	Discharge Valve Assy, Stainless Steel		793649
44Y	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793649		793650
44Z	Valve Repair Kit - For 794659/794679		794660
	Valve Repair Kit - For 794649		794650
45	Cage	2	794602
45A	Cage	2	794620
48	Valve Cover Plate	2	794284
48B	Valve Cover Plate	1	794603
49	Valve Cap	2	792003
60H	Gasket - Valve *	2	794198
60P	Gasket - Valve *	2	794616
61Q	O-Ring (FKM) *	2	794643
61S	O-Ring (FKM) *	4	792308
61T	O-Ring (FKM) *	2	792213
61U	O-Ring (PTFE) *	2	793626

Ref	Description	Qty	Part No
61V	O-Ring (FKM) *	2	792413
61Z	O-Ring (FKM) *	2	792313
63H	Capscrew - Stainless Steel	2	920588
63M	Capscrew - Hex Hd	12	797093
63S	Capscrew - Stainless Steel	8	793151
63V	Capscrew - Stainless Steel	4	793153
63Y	Capscrew - Stainless Steel	14	793153
65B	Valve Holddown Screw	4	792002
73E	Pipe Plug	1	908198
75D	Tube Elbow	1	790355
75E	Tube Tee	1	790356
76D	Tube	1	790358
92	Flange-Inlet (2 NPT) Std	1	794117
76D	Flange-Outlet (1.5 NPT) Std	1	794116
92A	Flange, 1" NPT - Intercooler	2	793602
98	Actuator Assembly - 1st Stage	1	793296
	Act Assy - 1st St, for SS Valve		794295
98A	Actuator Assembly - 2nd Stage	1	794296
	Act Assy - 2nd St, for SS Valve		794298
98B	Unloader Post w/bolt ¹	2	793291
	Unloader Post w/bolt ¹ , for SS Valve		794291
98C	Unloader Piston	2	793288
98D	Unloader Body	2	793286
98E	Unloader Plunger	2	794290
98F	Unloader Seal	4	792284
98G	Unloader Cap	2	793287
98H	Lockwasher (2 piece)	2	793473
98G	Unloader Cap	2	793287

* Included in Gasket Sets

Suggested Spares

Part #	Description	Qty./ Unit	Comm. Qty.	Spare Qty.
794697	Gasket Set – FKM	1	1	1
794660	St1 Suction Valve Repair Kit - PEEK	1		1
794630	St1 Suction Valve Repair Kit - Stainless Steel *			
793660	St2 Suction Valve Repair Kit - PEEK	1		
793630	St2 Suction Valve Repair Kit - Stainless Steel *			
794660	St1 Discharge Valve Repair Kit - PEEK	1		1
794650	St1 Discharge Valve Repair Kit - Stainless Steel *			
793660	St2 Discharge Valve Repair Kit - PEEK	1		1
793650	St2 Discharge Valve Repair Kit - Stainless Steel *			
794610	St1 Piston Ring - Glass/Moly Filled	3	3	3
794614	St1 Piston Ring Expander	3	3	3
794611	St2 Piston Ring - Glass/Moly Filled	3		3
794615	St2 Piston Ring Expander	3		3
794498	Packing Set	4	4	4
794726	Oil Filter	1		6
794727	Wrist Pin	2		2
794776	Wrist Pin Roller Bearing	4	4	4
794710	Conrod Bearing	2	2	2
The following parts would normally be required only for major compressor overhaul.				
794730	Inboard Bearing Cone	1		1
794731	Inboard Bearing Cup	1		1
794130	Outboard Bearing Cone	1		1
794131	Outboard Bearing Cup	1		1
794523	Crosshead Assembly	2		2
794456	S3R Seal	2		2
794767	Conrod Assembly	2		
794760	Oil Pump Repair Kit	1		
794708	Crankshaft Assembly	1		
794733	Bearing Adjustment Shim Kit	1		
794601	Cylinder	1		

* Optional Equipment on New Compressors

Notes: