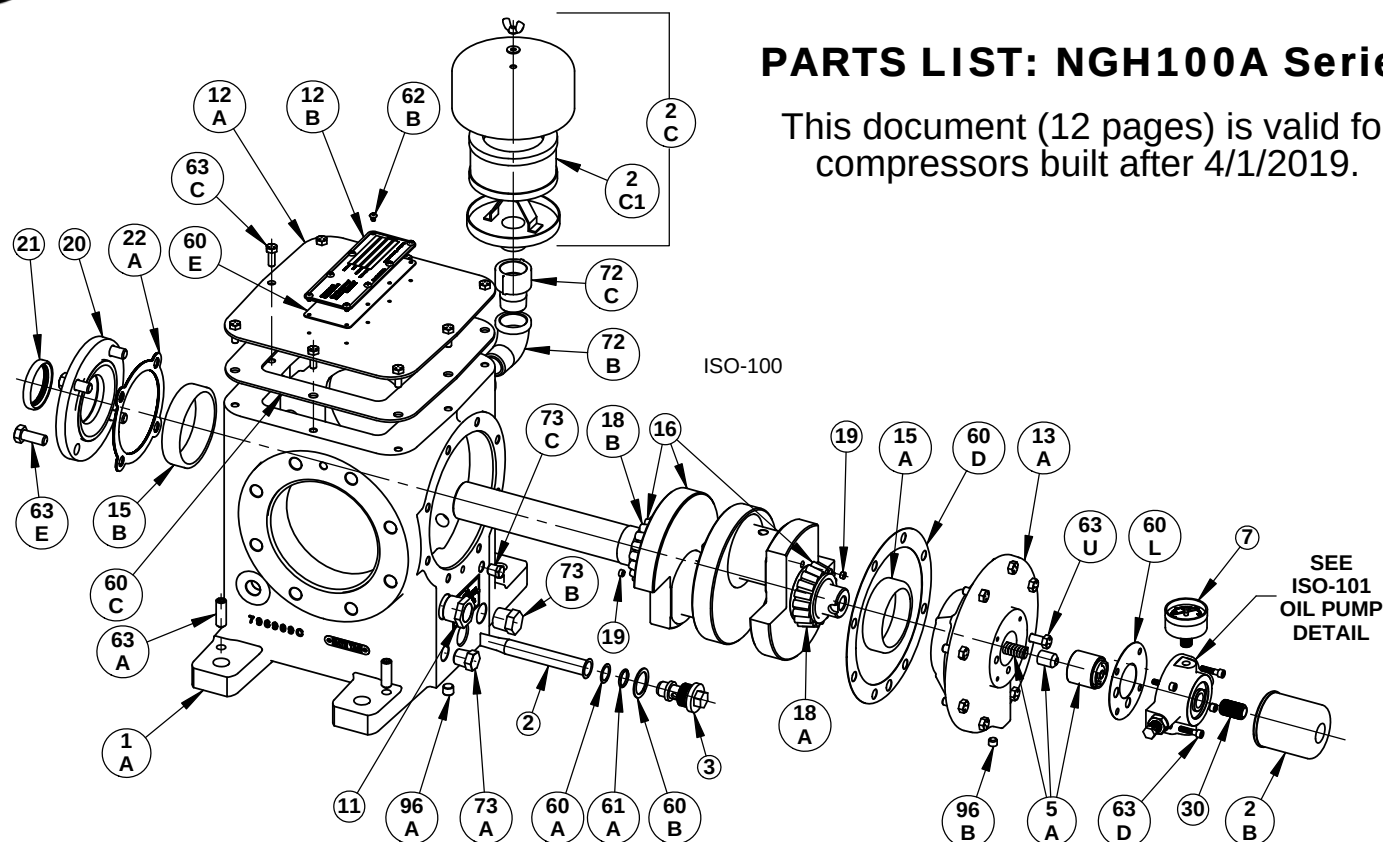


PARTS LIST: NGH100A Series

This document (12 pages) is valid for compressors built after 4/1/2019.



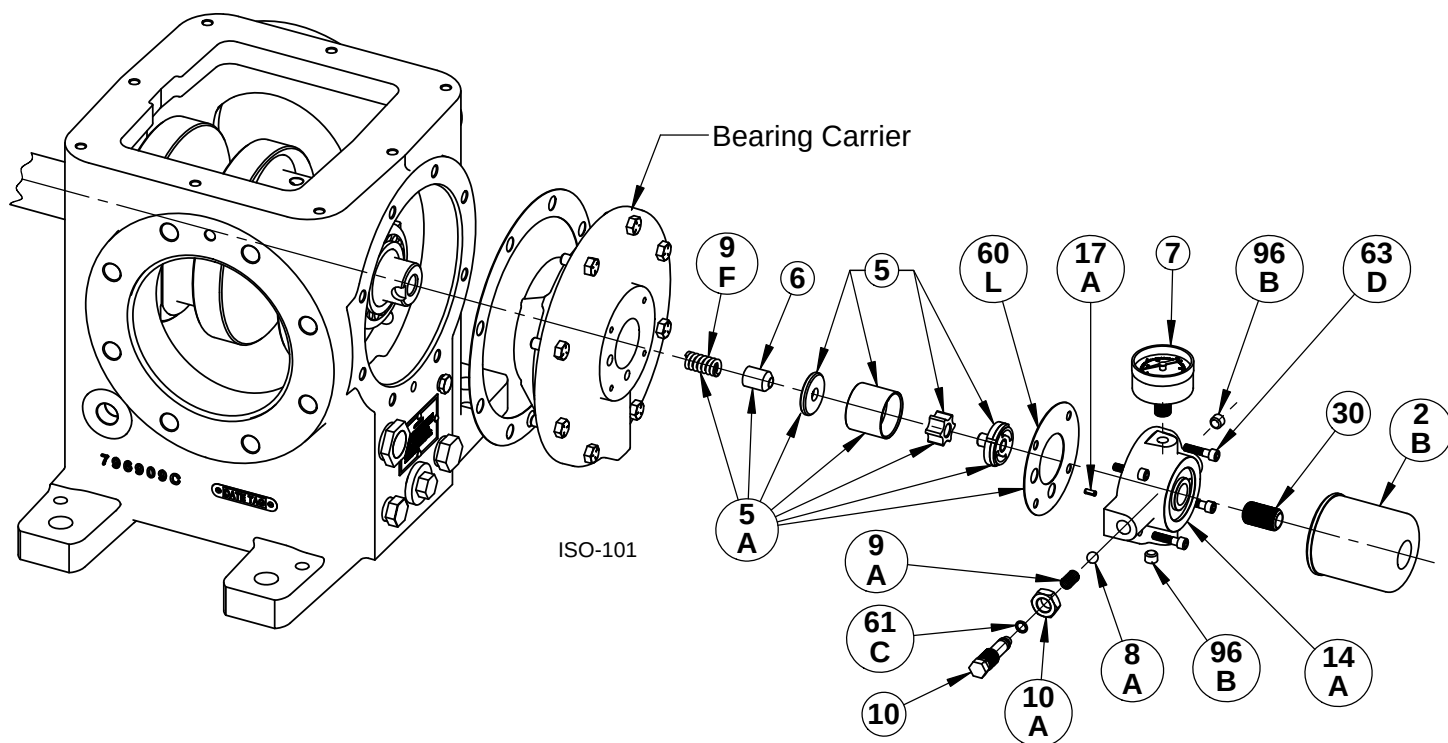
Crankcase Assembly

REF	Description	Qty	Part No.
1	Crankcase Assembly W/Oil Filter	1	797318
1A	Crankcase	1	796909
2	Oil Intake Screen	1	792135
2B	Oil Filter	1	794726
2C	Crankcase Breather Assembly	1	797069
2C1	Breather Filter	1	797070
3	Oil Screen Plug	1	792145
5A	Oil Pump Kit	1	794760
7	Oil Pressure Gauge	1	790012
11	Site Glass, Oil Level	1	098306
12A	Inspection Plate	1	796901
12B	ID Tag	1	N/A
13A	Bearing Carrier	1	794714
15A	Bearing Cup (Oil Pump Side)	1	794131
15B	Bearing Cup (Shaft Side)	1	794731
16	Crankshaft Asm. Standard Length Includes: 18A, 18B & 19	1	797314
	Crankshaft Asm. Extended Length Includes: 18A, 18B & 19	1	797315
18A	Bearing Cone (Oil Pump Side)	1	794130
18B	Bearing Cone (Shaft Side)	1	794730
19	Orifice	2	792149
20	Bearing Cover Plate	1	794716
21	Oil Seal (Shaft)	1	794732

ISO-100

REF	Description	Qty	Part No.
22A	Bearing Adjustment Shim Pack	AR	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	797060
60D	Gasket - Bearing Carrier Assembly**	1	794720
60E	Gasket - ID Tag**	1	793092
60L	Gasket - Oil Pump Cover**	1	794721
61A	O-Ring - Oil Screen**	1	792175
62B	Machine Screw	8	793096
63A	Set Screw, Leveling	4	797067
63C	Capscrew - Hex Hd (Insp. Plate)	8	920178
63D	Capscrew - Soc Hd (Oil Pump)	4	790559
63E	Capscrew - Hex Hd (Brng Cover)	4	790484
63U	Capscrew - Hex Hd (Brng Carrier)	8	792093
72B	Elbow - 90°, Pipe	1	797068
72C	Coupling - Pipe	1	797090
73A	Pipe Plug (Drain)	1	790024
73B	Pipe Plug (Oil Heater Option)	1	790459
73C	Pipe Plug (Oil Fill Overflow)	1	793498
96A	Pipe Plug (Crankcase Bottom)	1	790488
96B	Pipe Plug (Bearing Carrier)	1	790309

**Included in Gasket Set 796994



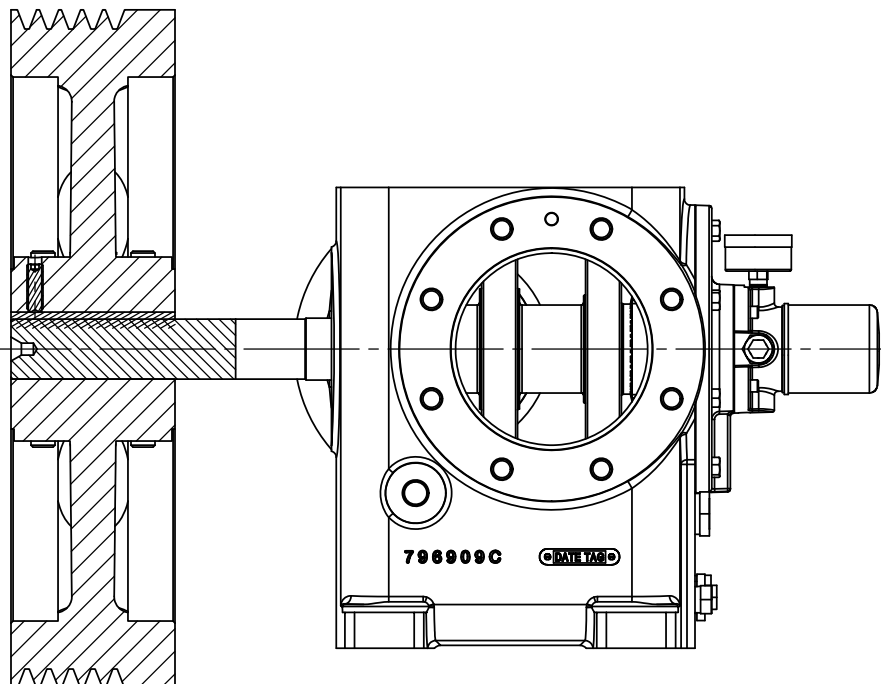
Oil Pump Detail

REF	Description	Qty	Part No.
2B	Oil Filter	1	794726
5	Oil Pump		794729
5A	Oil Pump Kit (With 5-6-9F-60L)	1	794760
6	Oil Pump Cone	1	794750
7	Oil Pressure Gauge	1	790012
8A	Oil Pressure Adjustment Ball	1	792154
9A	Oil Pressure Adjustment Spring	1	792153
9F	Oil Pump Spring	1	794751
10	Oil Pressure Adjustment Screw	1	792148
10A	Locknut	1	792152

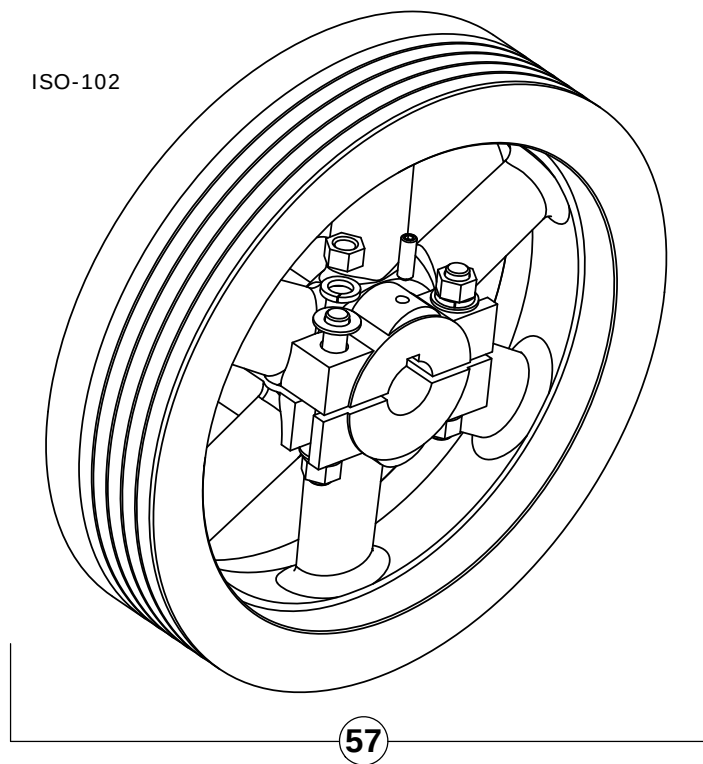
ISO-101

REF	Description	Qty	Part No.
14	Oil Pump Cover Assembly With 14A, 17A & 96B	1	794764
14A	Oil Pump Cover	1	794717
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	Socket Head Cap Screw	4	790559
96B	Pipe Plug	2	790309

* Included in Gasket Set 796994



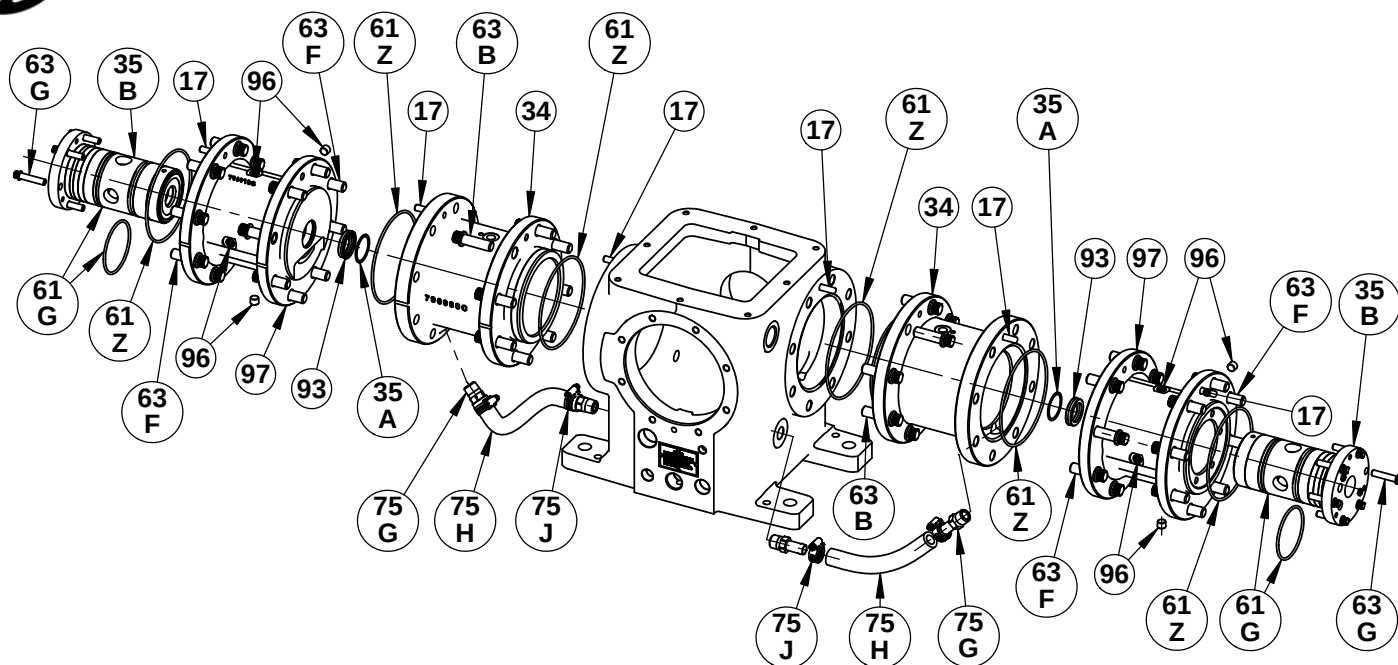
ISO-102



Flywheel

ISO-102

REF	Description	Qty	Part No.
57	Flywheel Assembly	1	796950



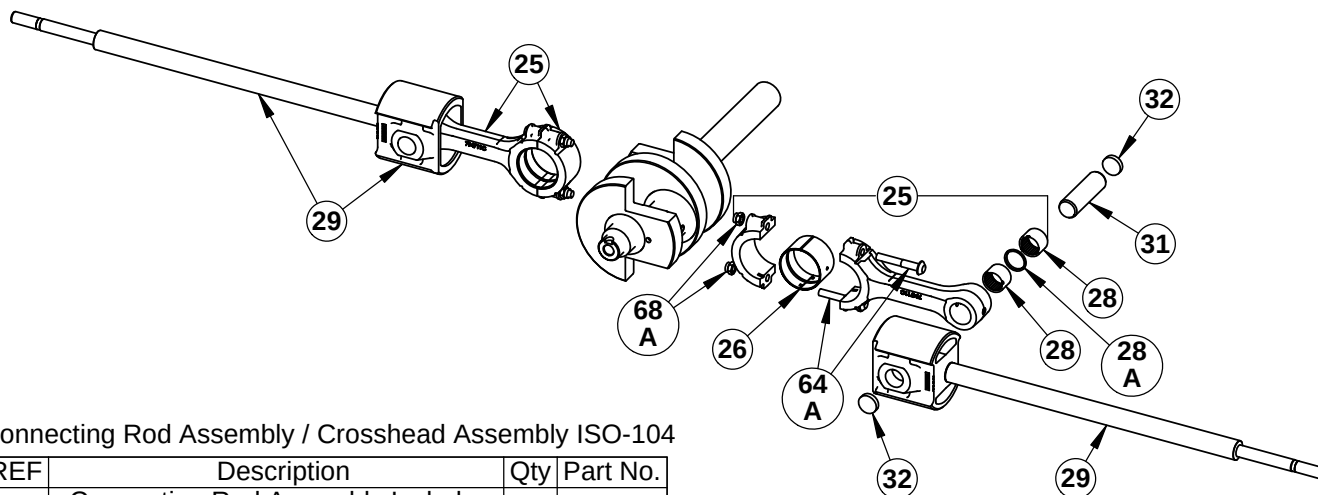
Crosshead Guide Assembly / Distance Piece Assembly

Ref	Description	Qty	Part No.
17	Dowel Pin	6	797066
34	Crosshead Guide	2	796930
35A	Spring Clip, Spiral*	2	796940
35B	Packing Box, Distance Piece	2	797050
61G	O-Ring, FKM*	4	794483
61Z	O-Ring, FKM*	6	797015
63B	Capscrew, 12pt	16	797196
63F	Capscrew, 12pt	32	797193

ISO-103

REF	Description	Qty	Part No.
63G	Capscrew, 12pt	12	797186
75G	Fitting, Oil Return Hose	4	797072
75H	Hose, Oil Return	2	797073C
75J	Hose Clamp	4	797074
93	Oil Seal, Shaft*	2	796943
96	Pipeplug, Flush, 1/4 NPT	8	790488
97	Distance Piece	2	796910

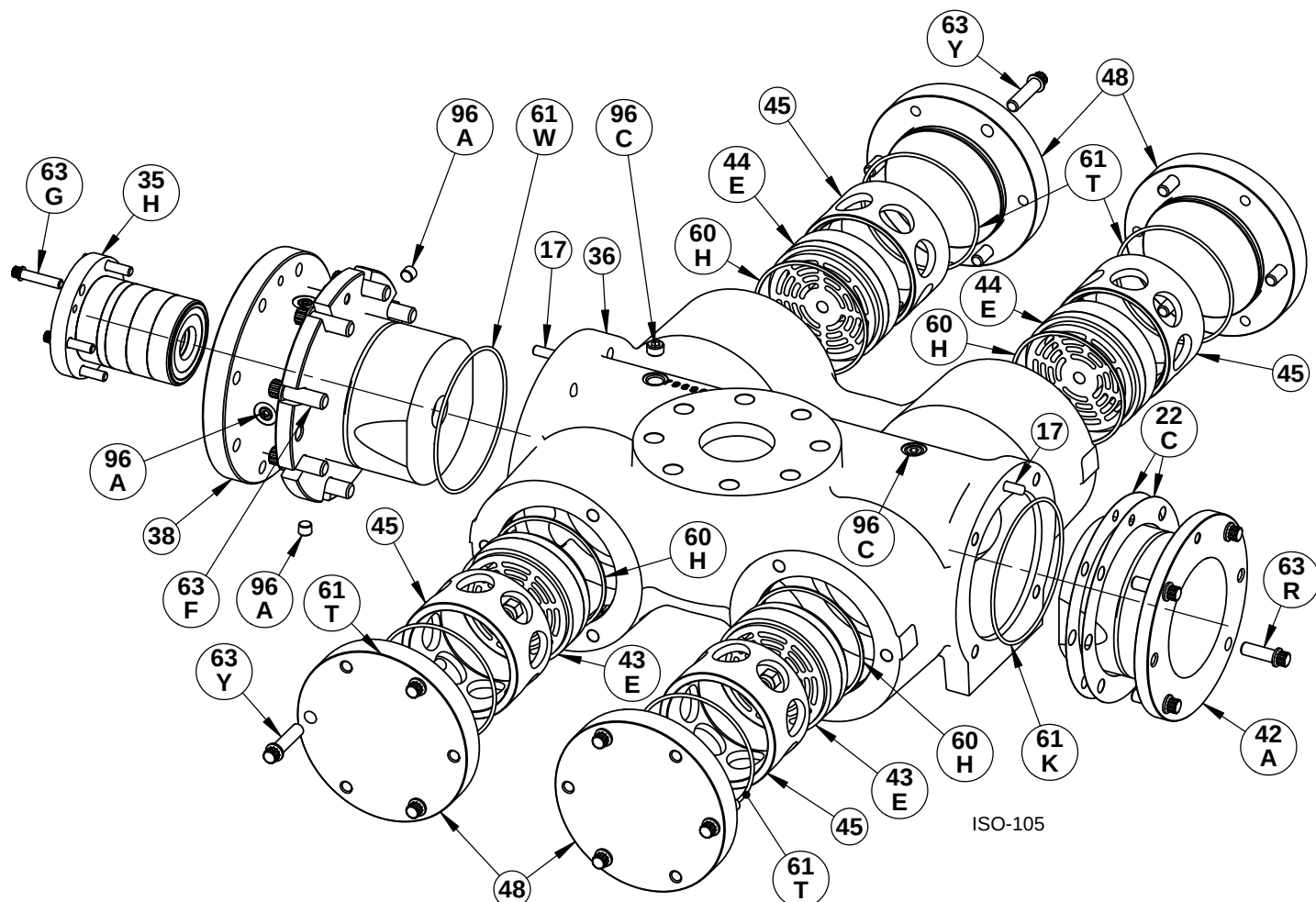
* Included in Gasket Set 796994



Connecting Rod Assembly / Crosshead Assembly ISO-104

REF	Description	Qty	Part No.
25	Connecting Rod Assembly Includes: 26, 28, 28A, 64A & 68A	2	796967
26	Connecting Rod Bearing *	2	796710
28	Wrist Pin Bearing *	4	794776
28A	Bearing Spacer *	2	794770
29	Crosshead Assembly	2	796924
31	Wrist Pin	2	794727
32	Wrist Pin Plug	4	794724
64A	Bolt, Connecting Rod *	4	794012
68A	Nut, Connecting Rod Bolt *	4	794013

*Included in Connecting Rod Assembly (25)



6.00 Adaptor Assembly / Cylinder Assembly

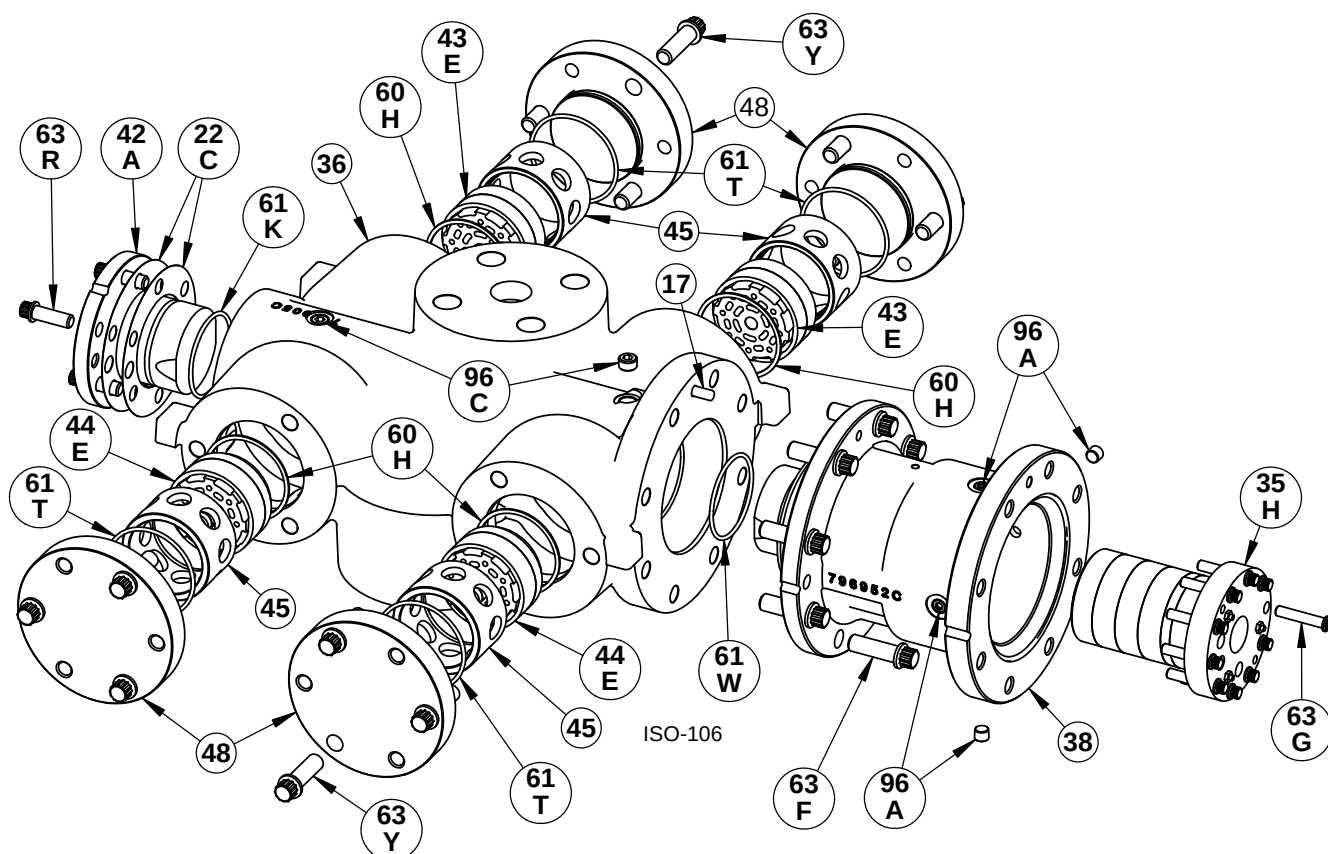
REF	Description	Qty	Part No.
17	Dowel Pin	2	797066
22C	Head Shim, 0.007	AR**	797031
	Head Shim, 0.015		797033
35H	Packing Box Asm. 6.00 Adaptor	1	797052
36	Cylinder for Optima Valve	1	796904
	Cylinder for RDV Valve		796944
38	Adaptor, 6.00 Cylinder	1	796911
42A	Head	1	796902
	Head Asm. VVCP (ISO-110)		796954
43E	Valve Assembly Optima, Suction	2	797042
	Valve Assembly RDV, Suction		796987
44E	Valve Assembly Optima, Dischrg.	2	797044
	Valve Assembly RDV, Dischrg.		796989
45	Cage, OPT	4	796920
	Cage, RDV		796946

ISO-105

REF	Description	Qty	Part No.
48	Valve Cover Plate	4	796984
60H	Valve Gasket, Optima *	4	797046
	Valve Gasket, RDV *		796991
61K	O-Ring, FKM *	1	797016
61W	O-Ring, FKM *	1	797016
61T	O-Ring, FKM *	4	797019
63F	Capscrew, 12pt	8	797193
63G	Capscrew, 12pt	6	797186
63R	Capscrew, 12pt	4	797172
63Y	Capscrew, 12pt	12	797177
96A	Pipe Plug, Flush 1/4 NPT	4	790488
96C	Pipe Plug, Flush 3/8 NPT	2	792189

*Included in Gasket Set 796995

**As Required



3.25 Adaptor Assembly / Cylinder Assembly

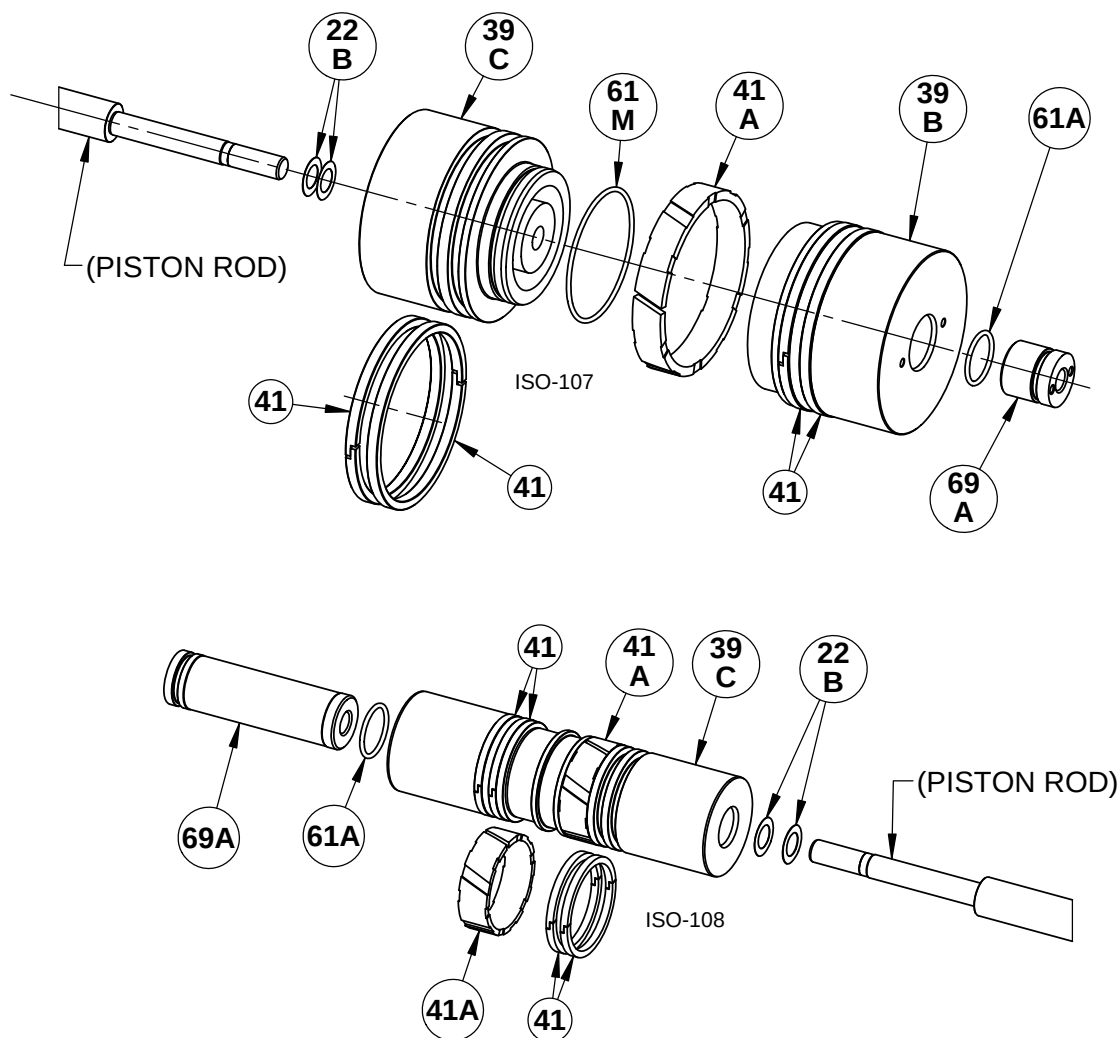
REF	Description	Qty	Part No.
17	Dowel Pin	1	797066
22C	Head Shim, 0.007	AR**	797030
	Head Shim, 0.015		797032
35H	Packing Box Assembly, Adaptor	1	797051
36	Cylinder Optima, 3.25	1	797065
	Cylinder RDV, 3.25	1	797095
38	Adaptor, 3.25	1	796952
42A	Head, 3.25	1	796953
	VVCP Head Assembly (ISO-111)	1	796971
43E	Valve Assembly Optima, Suction	2	797041
	Valve Assembly RDV, Suction	2	796986
44E	Valve Assembly Optima, Discharge	2	797043
	Valve Assembly RDV, Discharge	2	796988
45	Cage, Optima	4	796921
	Cage, RDV	4	796947

**As Required

ISO-106

REF	Description	Qty	Part No.
48	Valve Cover Plate	4	796985
60H	Valve Gasket, Optima *	4	797045
	Valve Gasket, RDV *	4	796990
61K	O-Ring, FKM *	1	797018
61W	O-Ring, FKM *	1	797018
61T	O-Ring, FKM *	4	794653
63F	Capscrew, 12pt	8	797193
63G	Capscrew, 12pt	10	797188
63R	Capscrew, 12pt	6	797172
63Y	Capscrew, 12pt	12	797196
96A	Pipe Plug, Flush 1/4 NPT	4	790488
96C	Pipe Plug, Flush 3/8 NPT	2	792189

*Included in Gasket Set 796996

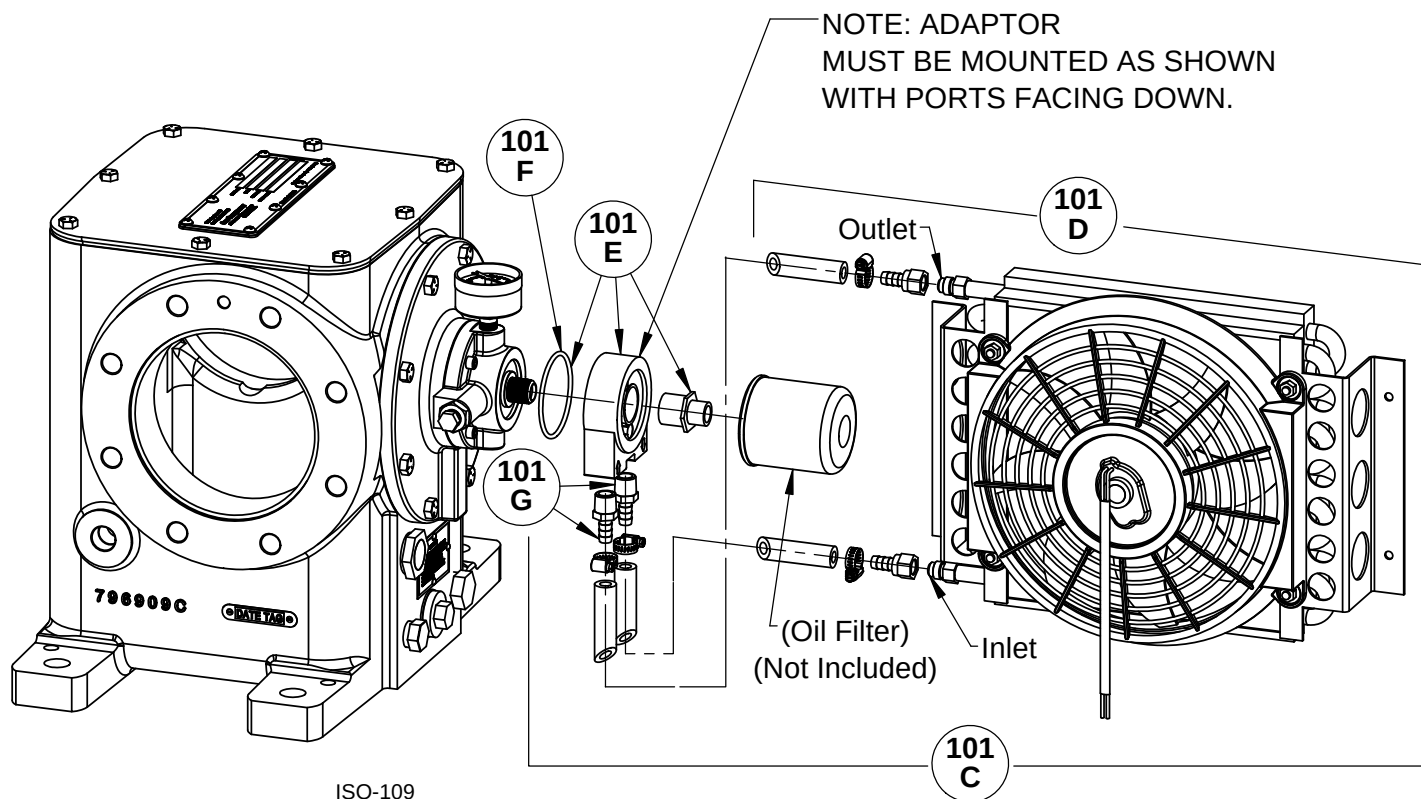


Piston Assembly		ISO-107		ISO-108	
REF	Description	6.00"		3.25"	
		Qty	Part No.	Qty	Part No.
22B	Piston Shim, 0.007	AR	797020	AR	797020
	Piston Shim, 0.015		797021		797021
39B	Piston Half, Aluminum, Head Side	1	796958	-	N/A
39C	Piston Half, Aluminum, Crank Side	1	796957	-	N/A
	Piston, Ductile Iron (1 Piece)	-	N/A	1	796959
41	Piston Ring	4	799032	4	799031
41A	Rider Ring	1	797036	2	797035
61A	O-Ring, Locknut * **	1	797017	1	797017
61M	O-Ring, Piston *	1	793212	-	N/A
69A	Piston Lock Nut	1	797038	1	797039

* Included in Gasket Set 796995

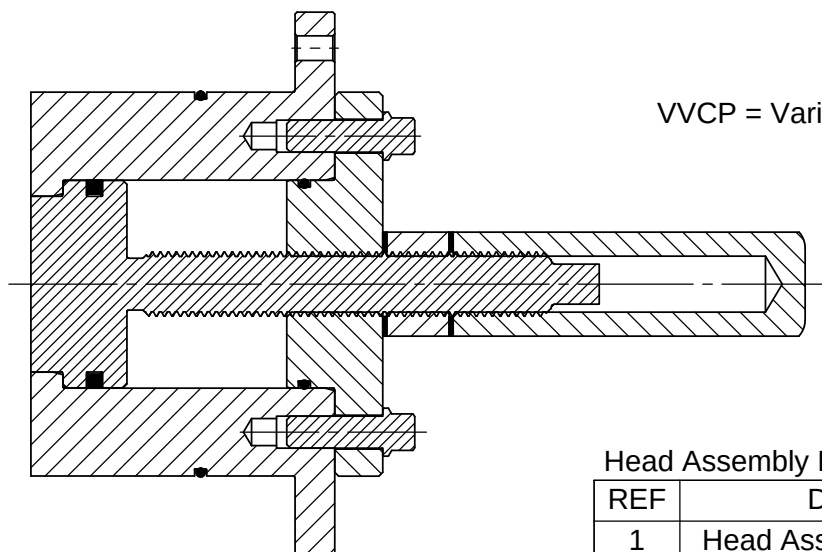
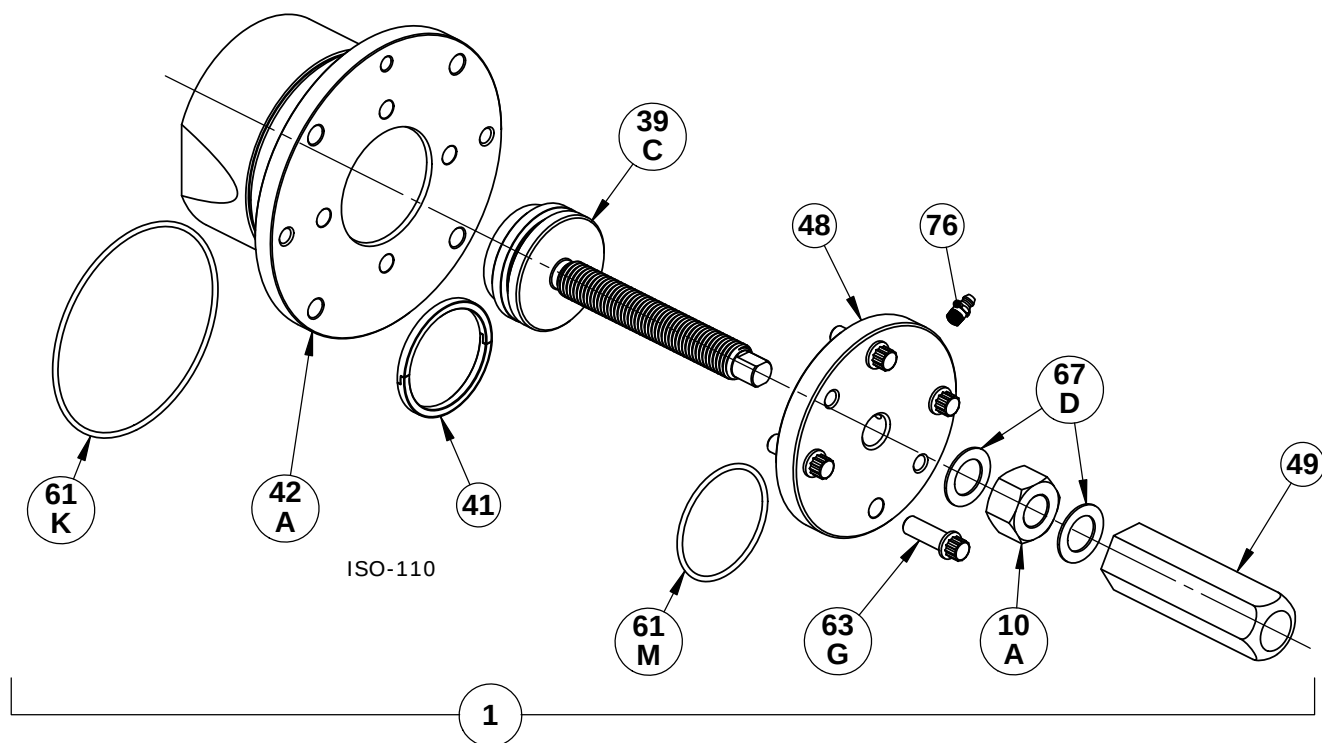
** Included in Gasket Set 796996

AR Denotes As Required



Oil Cooler Assembly NGH100 Series			ISO-109
REF	Description	Qty	Part No.
101C	Oil Cooler Kit Complete	1	797085
101D	Oil Cooler Kit With Hardware *	1	797086
101E	Oil Cooler Sandwich Adaptor Kit *	1	797078
101F	O-Ring Nitrile * **	1	701919
101G	Hose Fitting, 3/8 NPT, 3/8 Barb *	2	797079

* Included in Oil Cooler Kit 797085
 ** Included in Gasket Set 796994

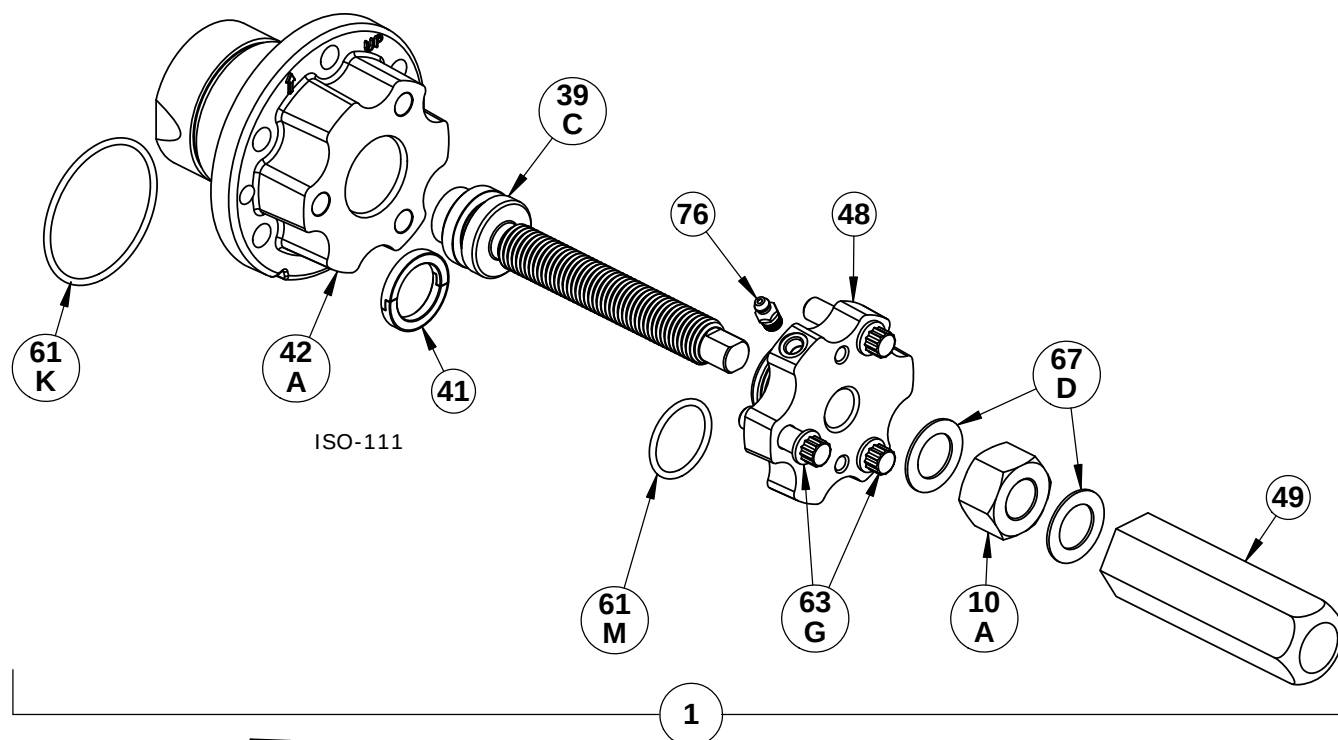


VVCP = Variable Volume Clearance Pocket

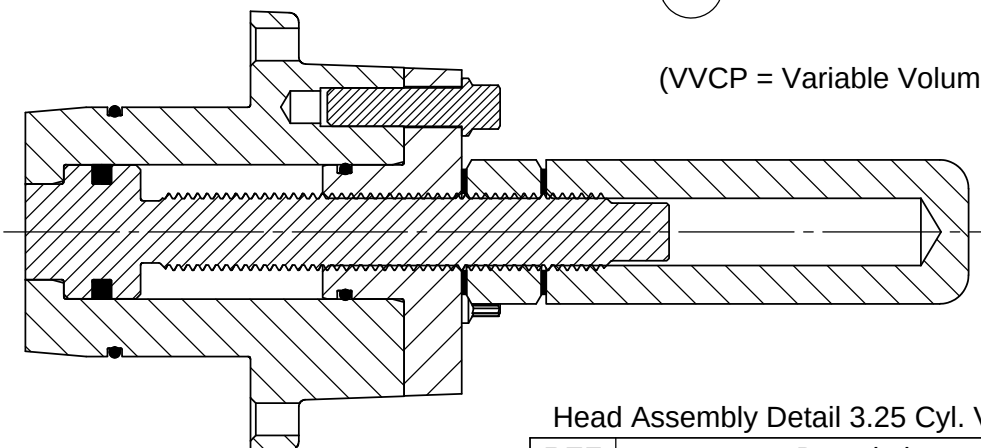
Head Assembly Detail 6.00 Cyl. VVCP ISO-110

REF	Description	Qty	Part No.
1	Head Assembly	1	796954
10A	Locknut *	1	796962
39C	Piston Rod	1	796956
41	Piston Ring *	1	799031
42A	Head	1	796955
48	Cover, Head	1	796960
49	Cover, Rod	1	796963
61K	O-Ring, FKM *	1	797016
61M	O-Ring, FKM *	1	797018
63G	Capscrew, 12pt	4	797172
67D	Seal Washer, Aluminum *	2	796961
76	Grease Fitting, Leak Proof	1	796964

* Included in 6.00 Cylinder VVCP Rebuild Kit 796992



(VVCP = Variable Volume Clearance Pocket)

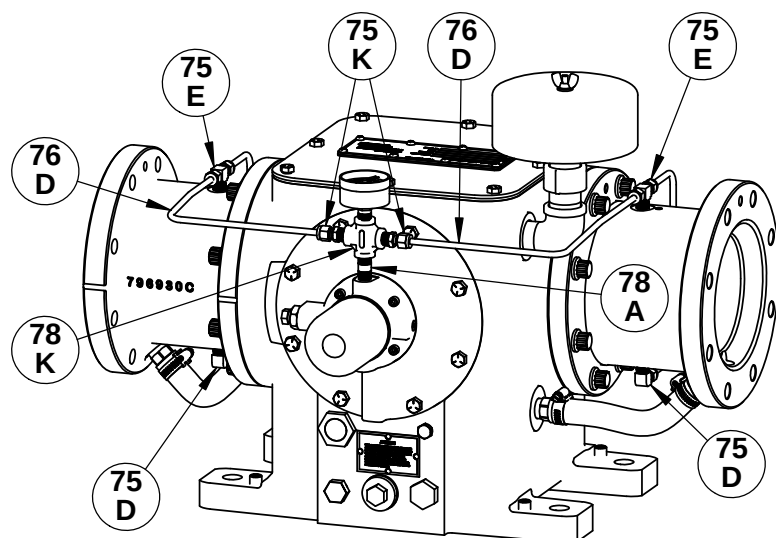


Head Assembly Detail 3.25 Cyl. VVCP

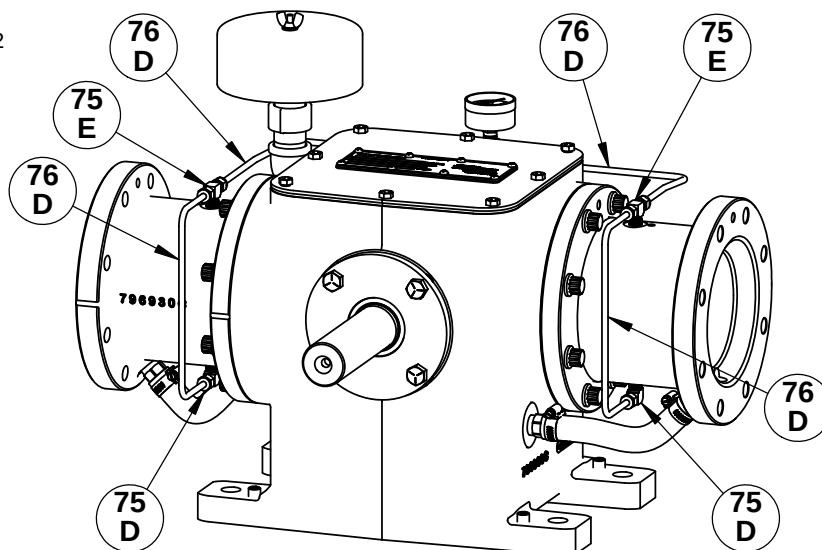
ISO-111

REF	Description	Qty	Part No.
1	Head Assembly	1	796971
10A	Locknut *	1	796962
39C	Piston Rod	1	796977
41	Piston Ring *	1	796979
42A	Head	1	796972
48	Cover, Head	1	796978
49	Cover, Rod	1	796963
61K	O-Ring, FKM *	1	797018
61M	O-Ring, FKM *	1	797017
63G	Capscrew, 12pt	3	797176
67D	Seal Washer, Aluminum *	2	796961
76	Grease Fitting, Leak Proof	1	796964

* Included in 3.25 Cylinder VVCP Rebuild Kit 796993



ISO-112



Crosshead Oil Supply Assembly NGH100 Series

ISO-112

REF	Description	Qty	Part No.
75D	Elbow, 90 Deg, 1/4" Tube to 1/4" NPT Male	2	790363
75E	Tee, 1/4" Tube (2x) to 1/4" NPT Male	2	790384
75K	Adaptor, Straight, 1/4" Tube to 1/4" NPT Male	2	790366
76D	Raw Tube, 1/4", 2 ft for Each Section, Total 8 ft *	4	790192C
78A	Pipe Nipple, 1/4" NPT x 1.5	1	797080
78K	Connector, 4 Way, All 1/4" NPT Female	1	790361

NOTES:

- * 790192C IS 1/4" RAW TUBE.
- CUT AND BEND AS REQUIRED.

REF	Description	Qty	Part No.
---	Gasket Set For Crankcase and Crosshead Guide-Distance Piece Assemblies	1	796994
35A	Spring Clip, Spiral	2	796940
60A	Gasket - Oil Screen	1	792136
60B	Gasket - Oil Screen Plug	1	792123
60C	Gasket - Inspection Plate	1	797060
60D	Gasket - Bearing Carrier Asm.	1	794720
60E	Gasket - ID Tag	1	793092
60L	Gasket - Oil Pump Cover	1	794721
61A	O-Ring - Oil Screen	1	792175
61C	O-Ring, Adjusting Screw	1	792168
61F	O-Ring, Nitrile	1	701919
61G	O-Ring, FKM	4	794483
61Z	O-Ring, FKM	6	797015
93	Oil Seal, Shaft	2	796943

Gasket Sets NGH100A Series ISO-113

REF	Description	Qty	Part No.
---	Gasket Set For 3.25 Cylinder and Piston Assemblies	1	796996
60H	Valve Gasket, Optima Valve Gasket, RDV	4 4	797045 796990
61A	O-Ring, Locknut	1	797017
61K	O-Ring, FKM	1	797018
61T	O-Ring, FKM	4	794653
61W	O-Ring, FKM	1	797018

REF	Description	Qty	Part No.
---	Gasket Set For 3.25 Cylinder VVCP Head Assembly	1	796993
10A	Locknut	1	796962
41	Piston Ring	1	796979
61K	O-Ring, FKM	1	797018
61M	O-Ring, FKM	1	797017
67D	Seal Washer, Aluminum	2	796961

REF	Description	Qty	Part No.
---	Gasket Set For 6.00 Cylinder and Piston Assemblies (FKM, IRON)	1	796995
60H	Valve Gasket, Optima Valve Gasket, RDV	4 4	797046 796991
61A	O-Ring, Locknut	1	797017
61K	O-Ring, FKM	1	797016
61M	O-Ring, Piston	1	793212
61T	O-Ring, FKM	4	797019
61W	O-Ring, FKM	1	797016

REF	Description	Qty	Part No.
---	Gasket Set For 6.00 Cylinder VVCP Head Assembly	1	796992
10A	Locknut	1	796962
41	Piston Ring	1	799031
61K	O-Ring, FKM	1	797016
61M	O-Ring, FKM	1	797018
67D	Seal Washer, Aluminum	2	796961