Pump Parts

HOVA is a fully independent manufacturer and supplier of high quality OEM style aftermarket pump parts for certain models of the below brands:

Sundyne® (Sundstrand®/ Nikisso®)

Niigata Worthington® *

Shin Nippon Machinery® (SNM) *

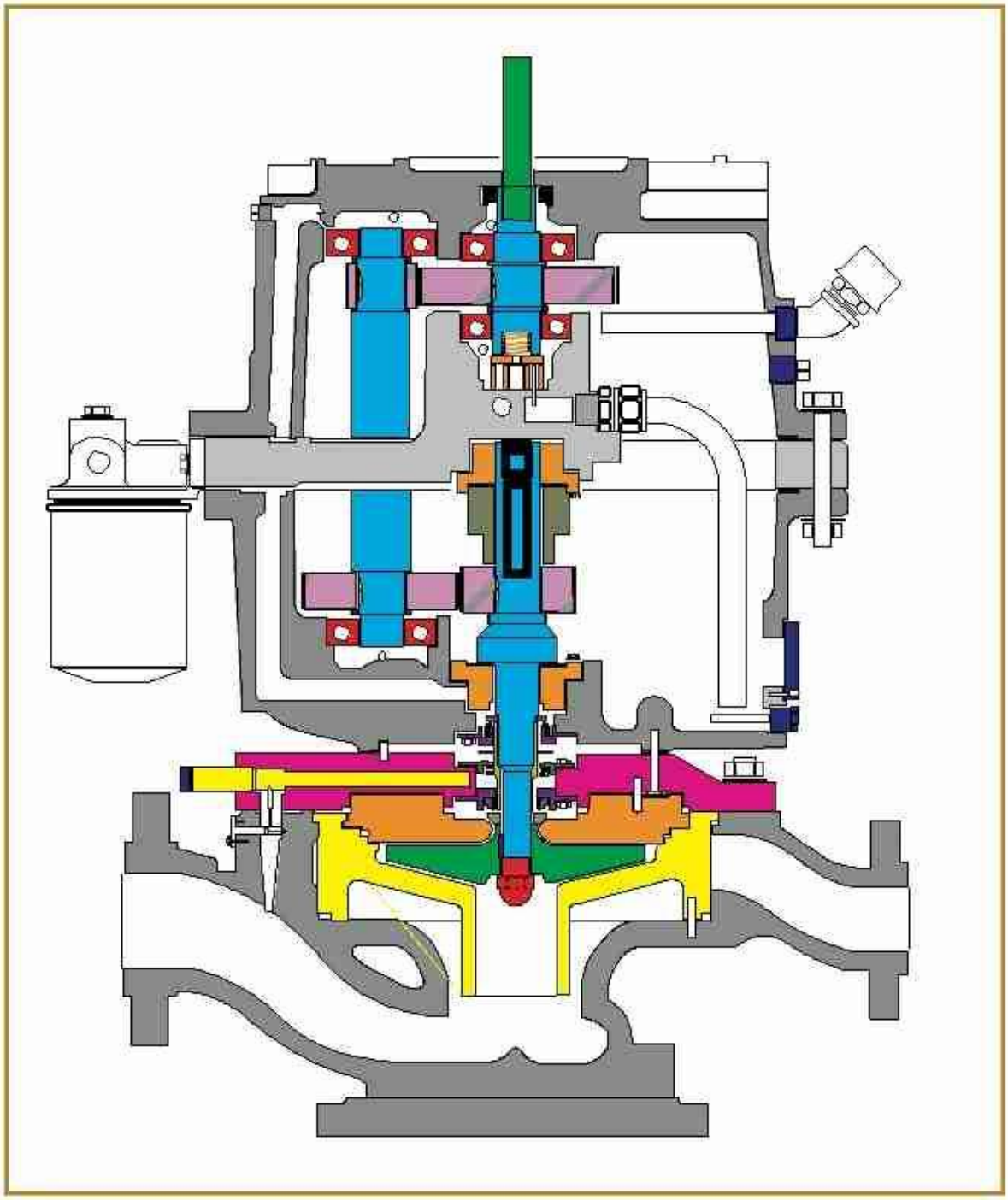
Nikisso® Metering Pumps

****Separate PDF Download available***

HOVA – Your Alternative Supplier for Pump Parts

Our pump parts are a direct replacement of existing OEM pump parts, fully interchangeable into your existing pump.

HOVA Spare and Replacement Parts for Sundyne® Pumps

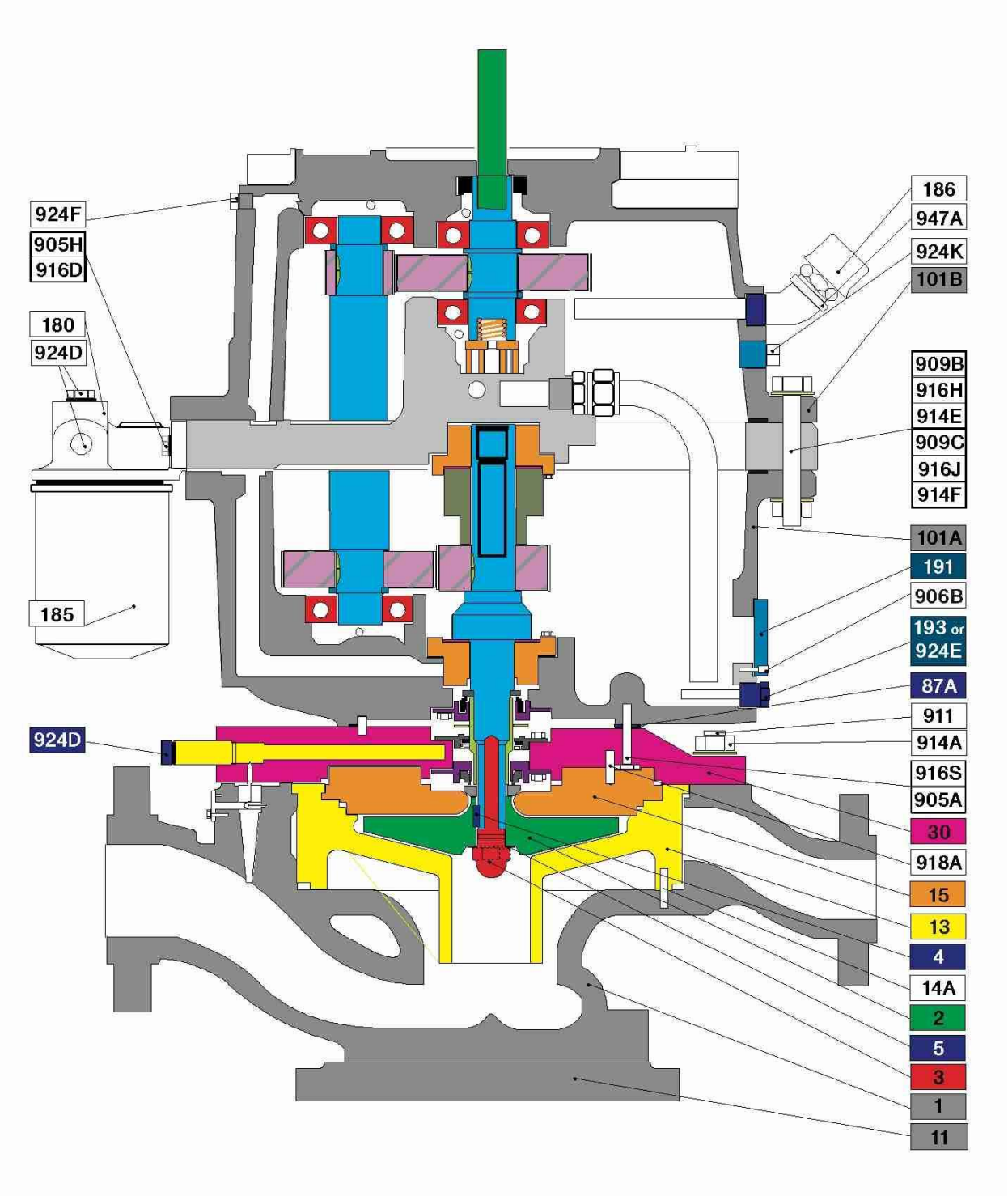


For

Models:

- **LMV-311/331**
- **LMV-322**
- **LMV-802/806**

Sectional Drawing of Sundyne® Pump LMV-311/331 - Pump and Housing



All manufacturers' names, numbers, symbols and descriptions are used for reference purposes only and it is not implied, that parts listed must be a product of these manufacturers.

Typically installed Components for Model LMV-311/331 - Pump and Housing

Item	Description	Quantity
1	Pump Casing	1
2	Impeller	1
3	Impeller Bolt	1
4	Impeller Key	1
5	Impeller Tab Washer	1
11	Base	1
13	Diffuser	1
14A	Spiral Pin	2
15	Diffuser Cover	1
30	Seal Housing	1
87A	Thermal Barrier Gasket	1
101A	Gearbox Housing, Output	1
101B	Gearbox Housing, Input	1
180	Filter Manifold	1
185	Oil Filter	1
186	Fill and Vent Cap	1
191	Sight Glass	1
193	Temperature Gauge	1
905A	Hex. Head Cap Screw	4
905H	Hex. Head Screw	2
906B	Hex. Socket Head Cap Screw	4
909B	Hex. Head Bolt	7
909C	Hex. Head Bolt	2
911	Casing Stud	12
914A	Hex. Nut	12
914E	Hex. Nut	7
914F	Hex. Nut	2
916D	Lock Washer	2
916H	Washer, Flat	14
916J	Washer, Flat	4
916S	Spring Washer	4
918A	Roll Pin	1
924D	Plug	2
924E	Plug	1
924F	Plug	1
924K	Plug	1
947A	Elbow	1

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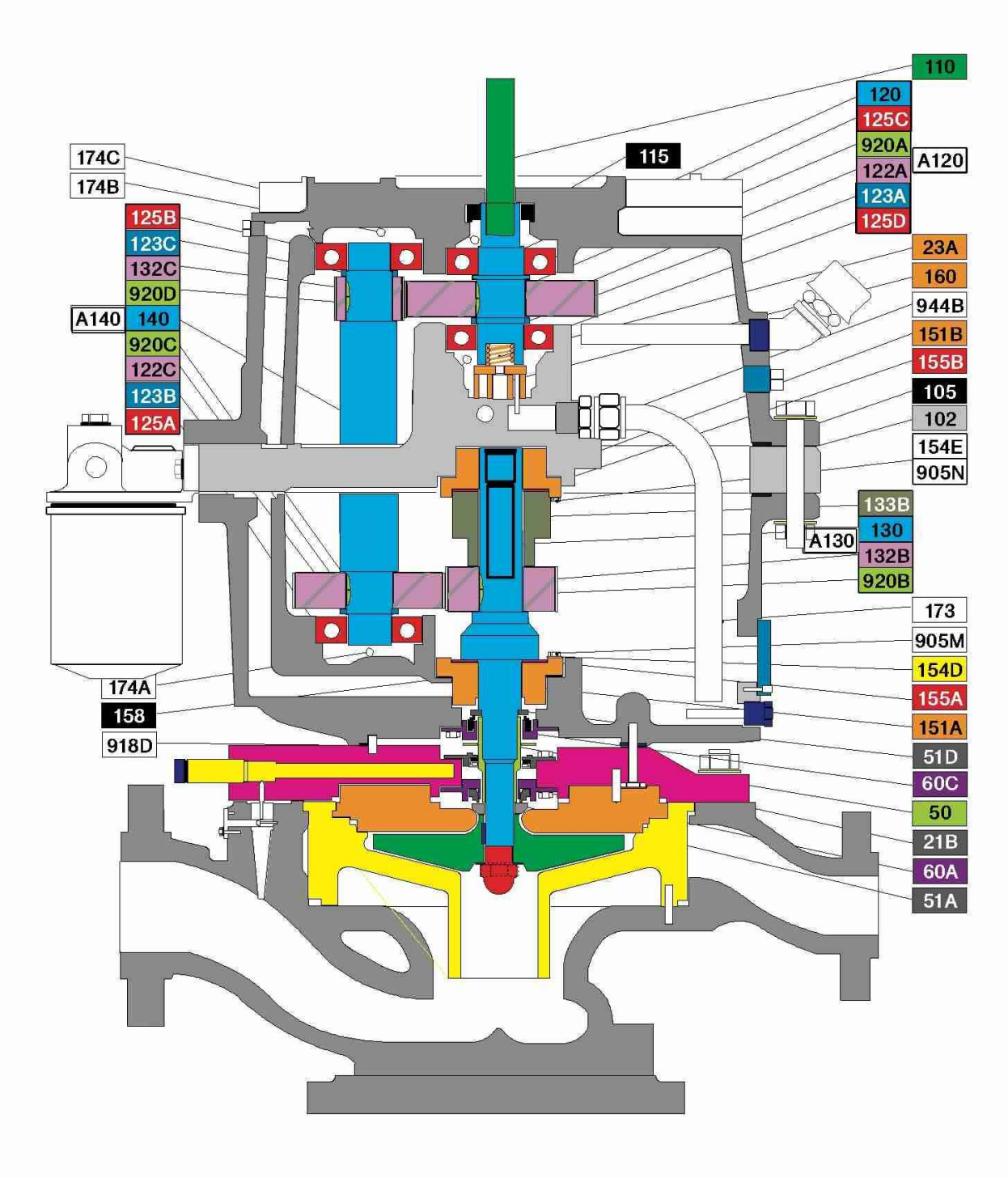
Sectional Drawing of Sundyne® Pump LMV-311/331 - Gearbox Interior



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Typically installed Components for Model LMV-311/331 - Gearbox Interior

Item	Description	Quantity
21B	Throttle Bushing	1
23A	Lube Pump Spring	1
51A	Rotating Face	1
51D	Rotating Face	1
60A	Mechanical Seal	1
102	Bearing Plate	1
105	Housing Gasket	2
110	Interconnecting Shaft	1
115	Shaft Seal	1
120	Low Speed Shaft	1
122A	Spur Gear	1
123C	Spur Gear	1
123A	Shaft Spacer	1
123B	Shaft Spacer	1
123C	Shaft Spacer	1
125A	Ball Bearing	1
125B	Ball Bearing	1
125C	Ball Bearing	1
125D	Ball Bearing	1
130	High Speed Shaft	1
132B	Pinion Gear	1
132C	Pinion Gear	1
133B	Thrust Runner	1
140	Idler Shaft	1
151A	Journal Bearing	1
151B	Journal Bearing	1
154D	Lock Washer	3
154E	Lock Washer	3
155A	Thrust Washer	1
155B	Thrust Washer	1
158	Shim Spacer	As required
160	Lube Pump	1
173	Tube	1
174A	Lube Jet	1
174B	Lube Jet	1
174C	Lube Jet	1
174D	Lube Jet	1
905M	Hex. Head Screw	3
905N	Hex. Head Screw	3
918D	Spiral Pin	1
920A	Key	1
920B	Key	1
920C	Key	1
920D	Key	1
944B	Pipe Connector	1

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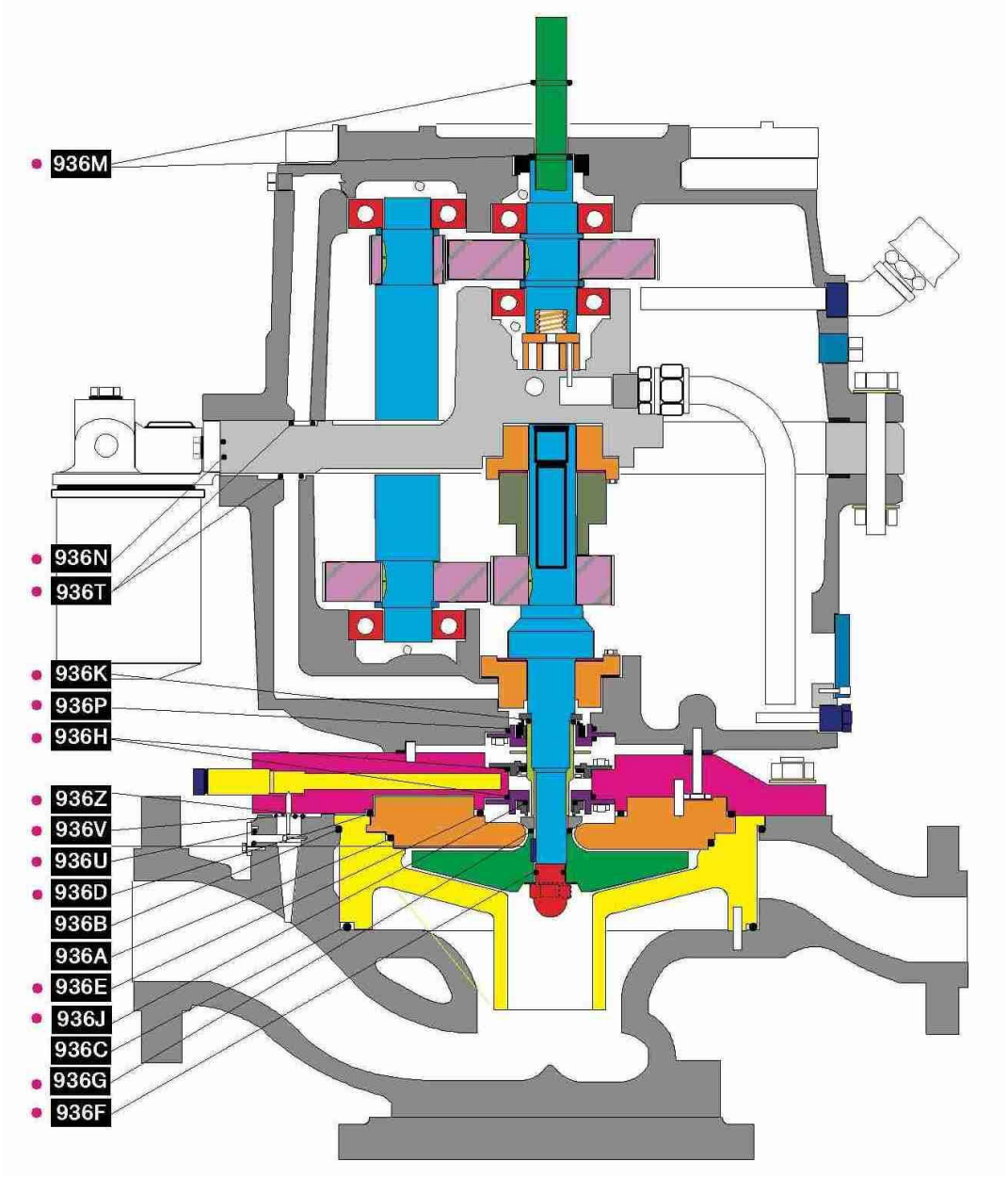
Sectional Drawing of Sundyne® Pump LMV-311/331 - O-Rings

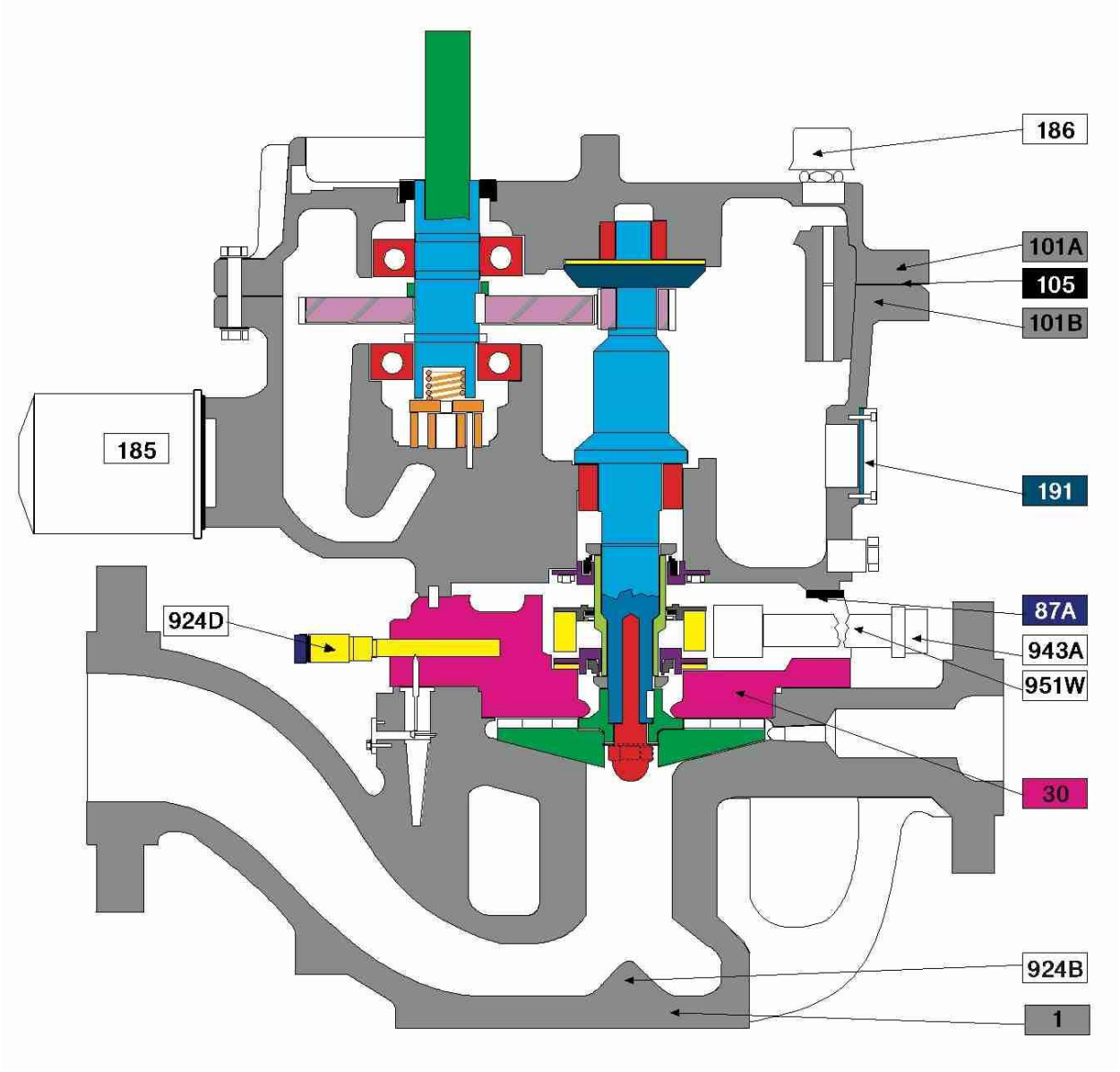


All manufacturers' names, numbers, symbols and descriptions are used for reference purposes only and it is not implied, that parts listed must be a product of these manufacturers.

Typically installed Components for Model LMV-311/331 - O-Ring Basic Repair Kit

Item	Part Number	Quantity	Item	Part Number	Quantity
936D	14-047	1	936M	14-043	2
936E	14-048	1	936N	14-040	2
936F	14-052	1	936P	14-055	1
936G	14-054	1	936T	14-040	2
936H	14-055	3	936U	14-005	1
936J	14-009	3	936V	14-035	1
936K	14-053	1	936Z	14-052	1
936M	14-043	2			

Sectional Drawing of Sundyne® Pump LMV-322 - Pump and Housing



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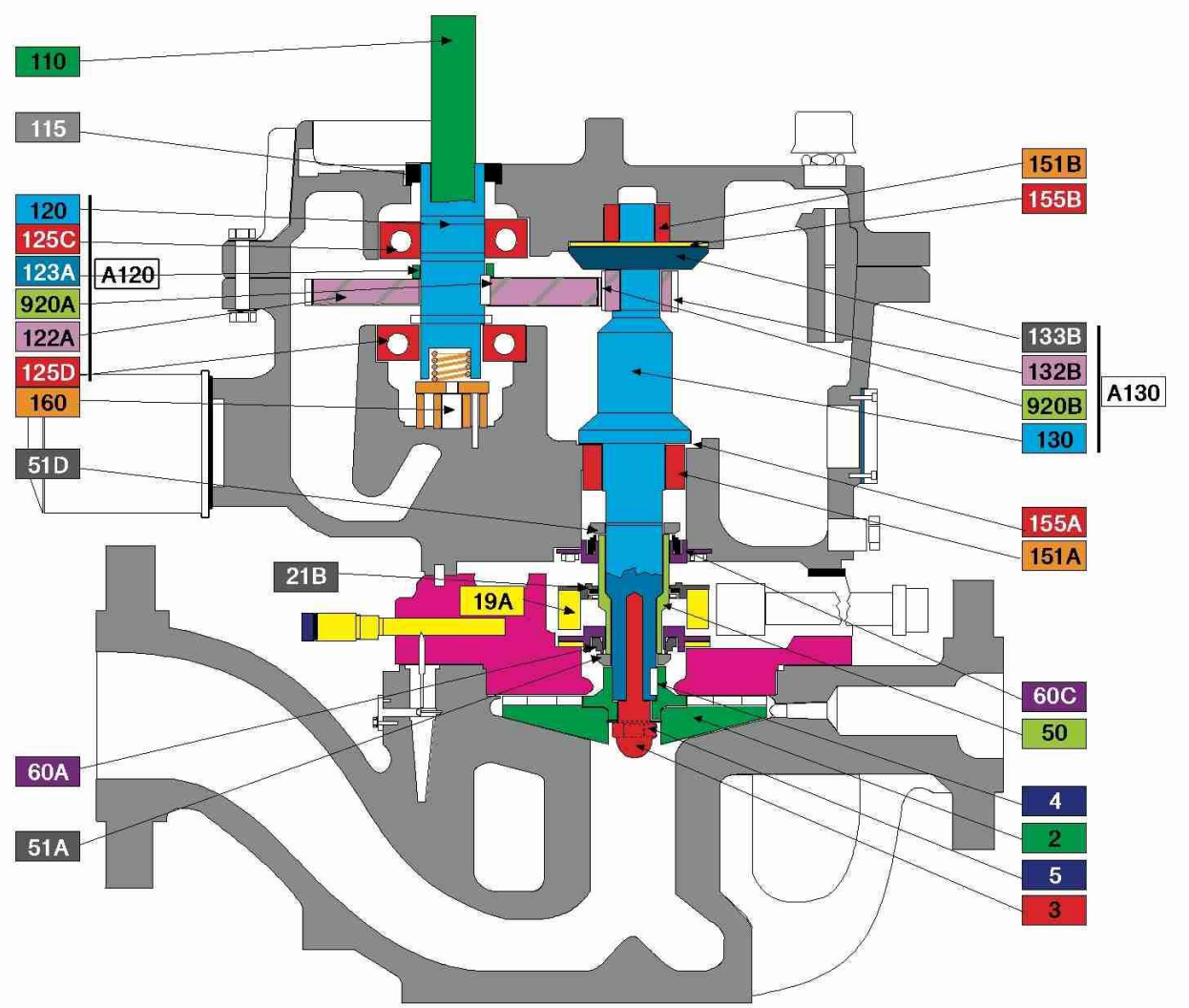
Typically installed Components for Model LMV-322 - Pump and Housing

Item	Description	Quantity	Item	Description	Quantity
1	Pump Casing	1	186	Fill and Vent Cap	1
30	Seal Housing	1	191	Sight Glas	1
87A	Thermal Barrier Gasket	1	924D	Pipe Plug	1
101A	Gearbox Housing, output	1	924B	Pipe Plug	2
101B	Gearbox Housing, input	1	943A	Cap	1
105	Housing Gasket	1	951W	Nipple	1
185	Oil Filter	1			

Sectional Drawing of Sundyne® Pump LMV-322 - Interior Parts



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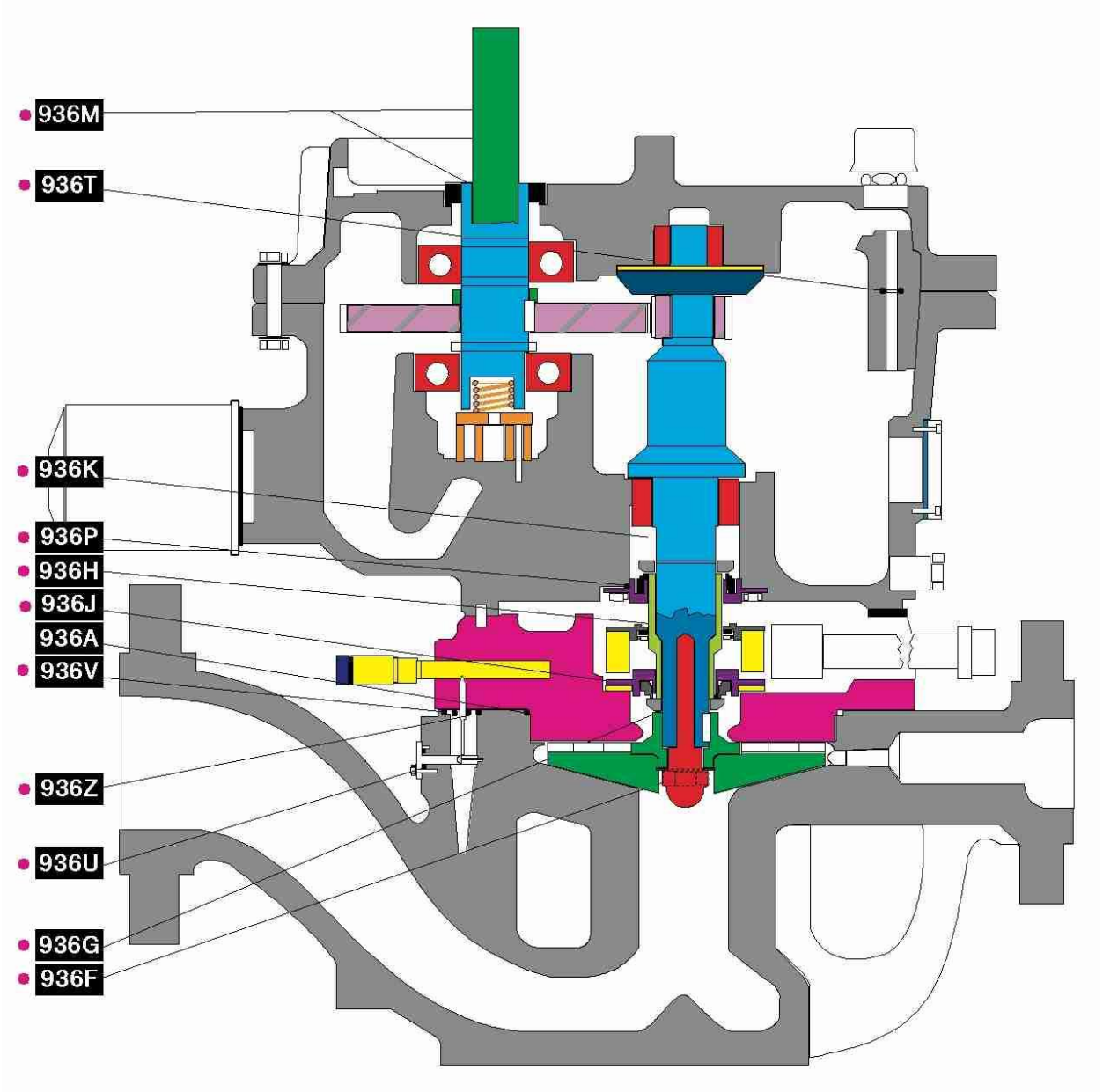
Typically installed Components for Model LMV-322 - Interior Parts

Item	Description	Quantity	Item	Description	Quantity
2	Impeller	1	122A	Spur Gear	1
3	Impeller Bolt	1	123A	Spur Gear	1
4	Impeller Key	1	125C	Ball Bearing	1
5	Impeller Tab Washer	1	125D	Ball Bearing	1
19A	Spacer Seal	1	130	High Speed Shaft	1
21B	Throttle Bushing	1	132B	Pinion Gear	1
50	Shaft Sleeve	1	133B	Thrust Runner	1
51A	Rotating Face	1	151A	Journal Bearing	1
51D	Rotating Face	1	151B	Journal Bearing	1
60A	Mechanical Seal	1	155A	Thrust Washer	1
60C	Mechanical Seal	1	155B	Thrust Washer	1
110	Interconnecting Shaft	1	160	Lube Pump	1
115	Shaft Seal	1	920A	Key	1
120	Low Speed Shaft	1	920B	Key	1

Sectional Drawing of Sundyne® Pump LMV-322 - O-Rings



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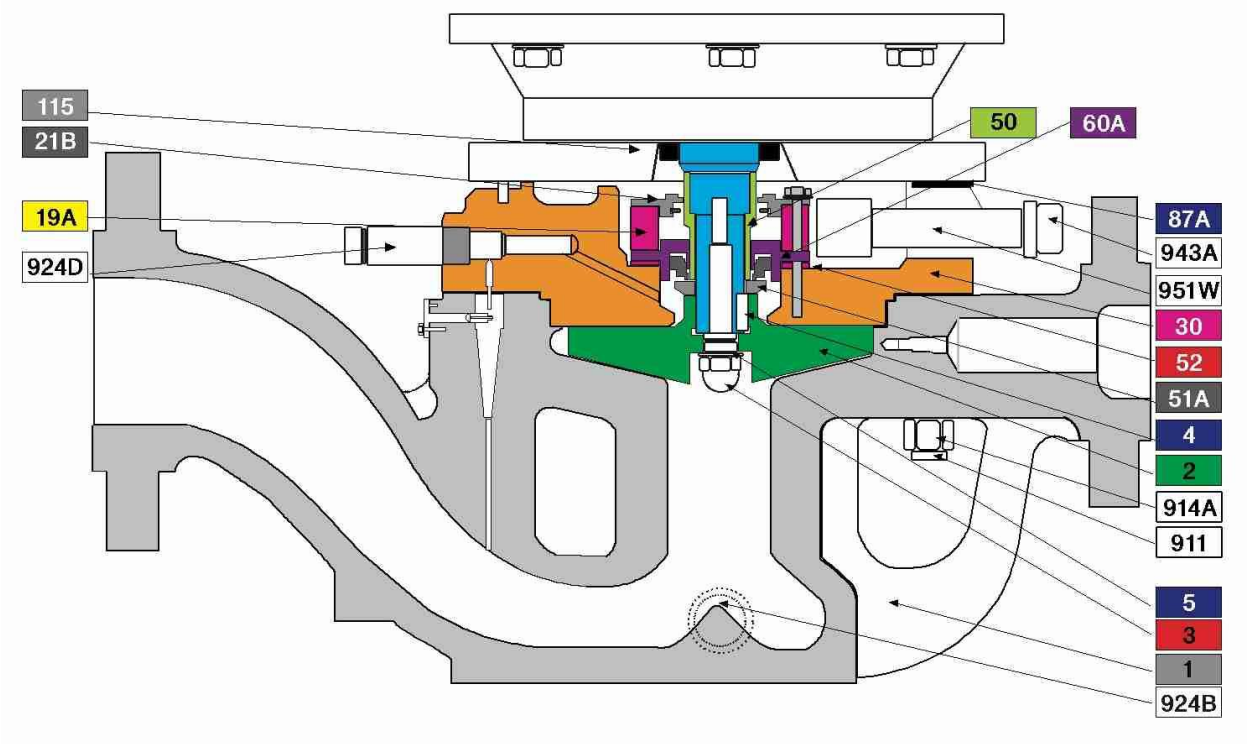
Typically installed Components for Model LMV-322 - O-Ring Basic Repair Kit

Item	Part Number	Quantity	Item	Part Number	Quantity
936F	14-045	1	936M	14-043	1
936F	14-052	1	936P	14-055	1
936G	14-054	1	936T	14-040	1
936H	14-055	3	936U	14-005	1
936J	14-009	3	936V	14-035	1
936K	14-053	1	936Z	14-052	1

Sectional Drawing for Sundyne® Pump LMV-802/806



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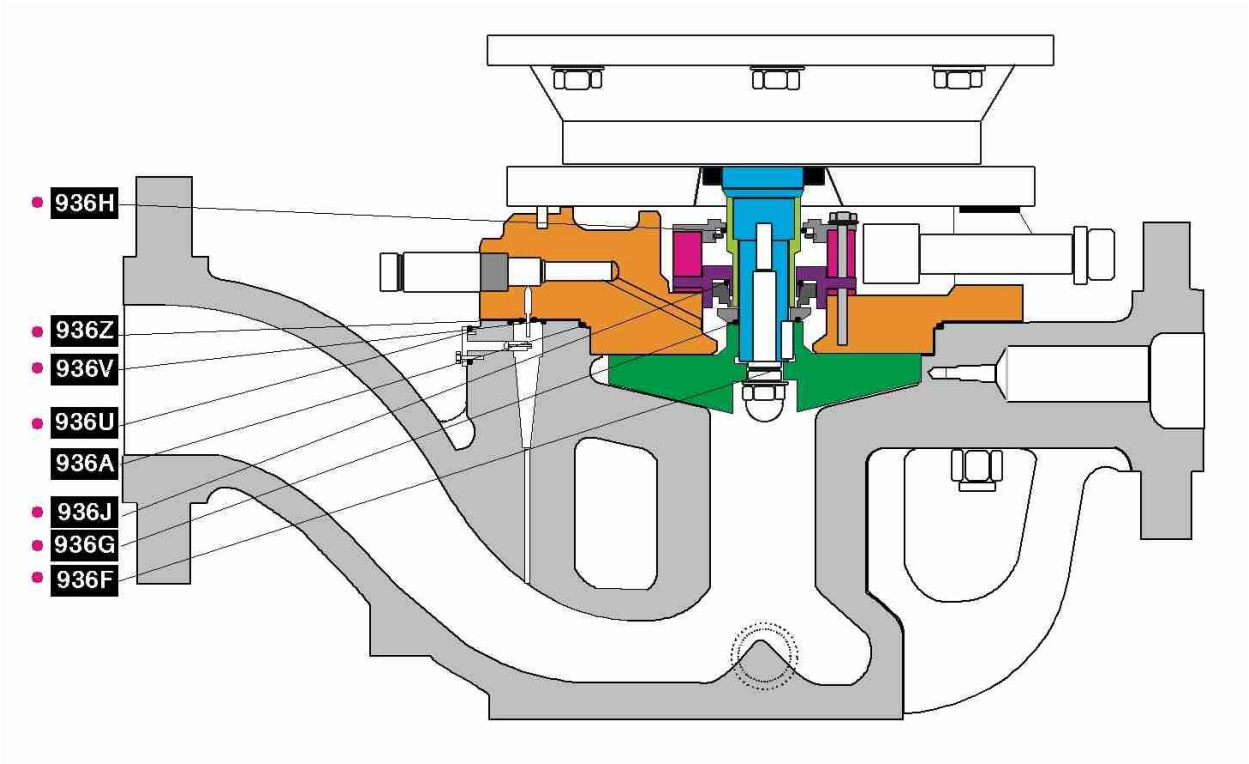
Typically installed Components for Model LMV-802/806

Item	Description	Quantity	Item	Description	Quantity
1	Housing	1	52	Seal Spacer	1
2	Impeller	1	60A	Mechanical Seal	1
3	Impeller Bolt	1	87A	Housing Gasket	1
4	Impeller Key	1	115	Shaft Seal	1
5	Impeller Tab Washer	1	911	Casing Stud	6
19A	Spacer Seal	1	914	Hex. Nut	6
21B	Throttle Bushing	1	924D	Pipe Plug	1
30	Seal Housing	1	943A	Cap	1
50	Shaft Sleeve	1	951W	Tube Nipple	1
51A	Rotating Face	1			

Sectional Drawing for Sundyne® Pump LMV-802/806 – O-Rings



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Typically installed Components for Model LMV-802/806 – O-Ring Basic Repair Kit

Item	Part Number	Quantity	Item	Part Number	Quantity
936H	14-055	4	936J	14-009	3
936Z	14-052	1	936G	14-054	1
936V	14-035	1	936F	14-052	1
936U	14-005	1			

About HOVA – Your Alternative Source, Supplier, Partner and Solution

HOVA GmbH was founded in 1980 and has been a leading spare and replacement parts supplier and service provider for the petrochemical, chemical, power plant, pipelines, fertilizer and related industries ever since. Our customers and partners are located around the globe and so far have trusted us for almost 40 years.

Our Key Competencies:

- **Compressor Parts**
- **Pump Parts**
- **Mechanical Seals and Parts**
- **Dry Gas Seal Repair**
- **Engineering / Reverse Engineering**
- **Complete Compressor Units**
- **Complete Pump Units**
- **Overhaul / Reconditioning / Refurbishment**
- **Installation / Commissioning / Training**

HOVA is a fully independent manufacturer and supplier of high quality OEM style aftermarket parts, not associated with any Original Equipment Manufacturer (OEM). All parts are a direct replacement, QM tested and guaranteed. Third party inspections are welcome.
In addition, HOVA provides a wide range of engineering, reverse engineering and technical services for your demand, as well as refurbishment of major parts and overhaul of complete units.

Mission Statement: To provide the petrochemical, chemical and other related industries with an economical choice of spare parts and services, delivered consistently in a timely manner, to the highest quality standards, and with outstanding customer service.

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