PART LIST

Direct Drive Pumps

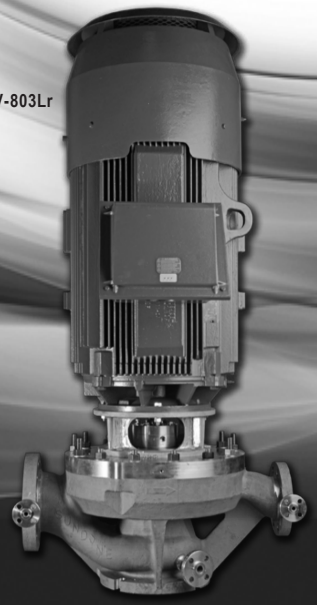
OH3 or OH5 Direct Drive
API 610 Centrifugal Pumps
Specify the ideal pump to optimize your most demanding process condition.

LMV-801S

LMV-801

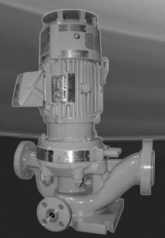
LMV-801CS

LMV-803Lr



LMV-806

LMV-802



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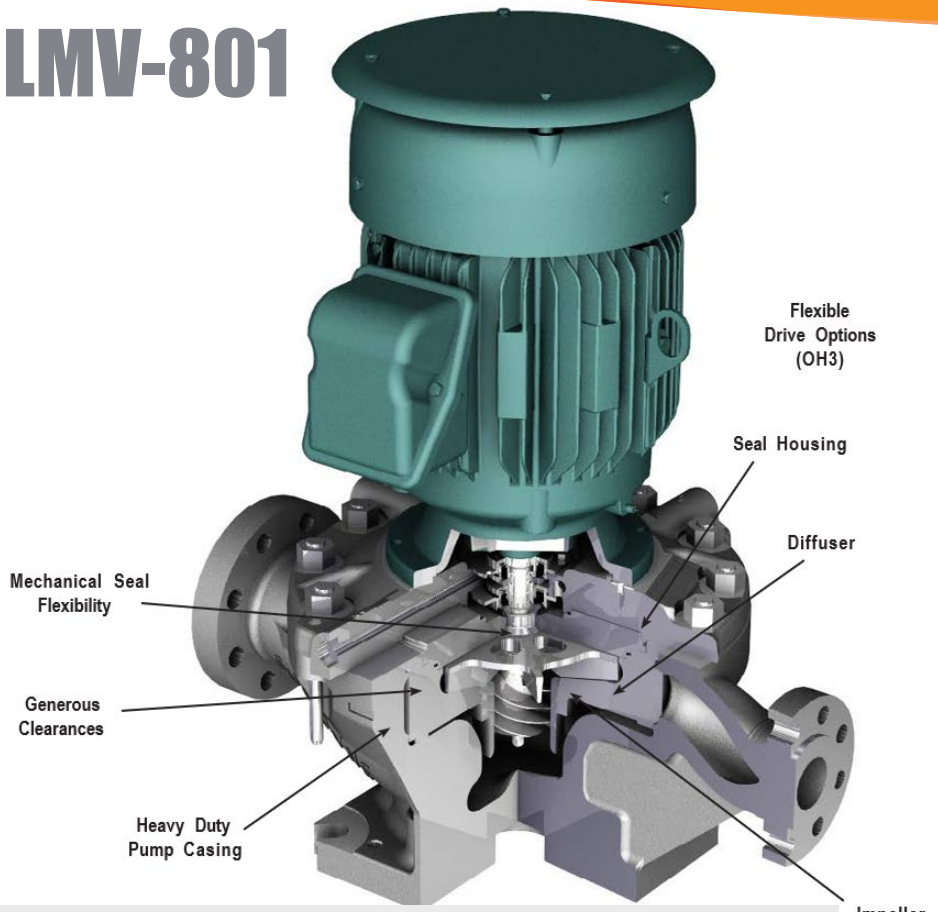
Remanunfacturing for life

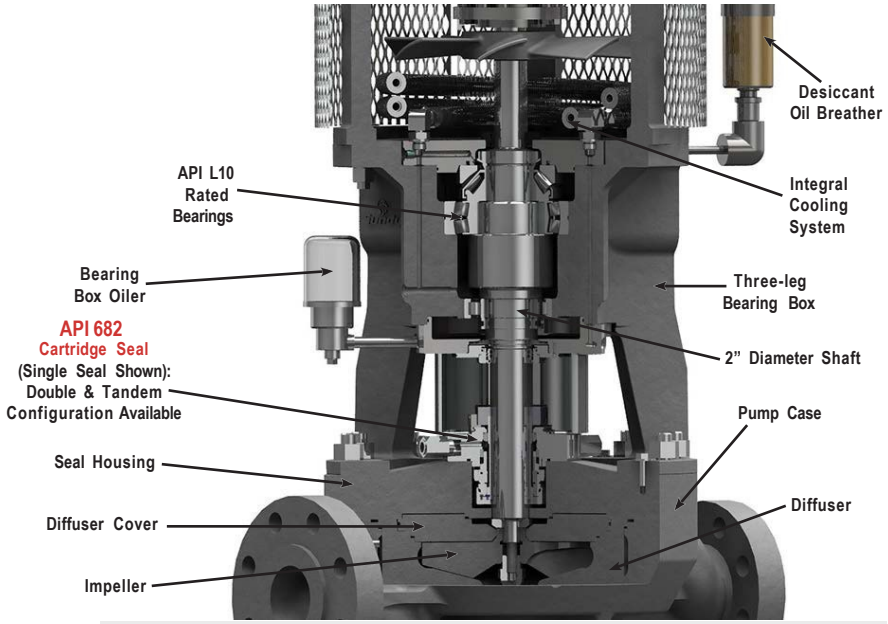
LMV-801



LMV 801 BUILD CODES	A	E	J	O (1)	W
API 610 BUILD (2)	S-5 (3)	A-7 (4)	S-8 (4)	N/A	S-9 (4)
Pump Case	C.S.	316 SS	C.S.	316 SS	Monel Clad C.S.
Case Studs	B-7	B-7	B-7	B-8M	K-Monel
Seal Housing	C.S.	316 SS	C.S.	316 SS	Monel
Separator	316 SS	316 SS	316 SS	316 SS	Monel
Diffuser Insert	C.S.	316 SS	316 SS	316 SS	Monel
Diffuser Cover	C.S.	316 SS	316 SS	316 SS	Monel
Impeller	316 SS	316 SS	316 SS	316 SS	Monel
Impeller Bolt	316 SS	316 SS	316 SS	316 SS	K-Monel
Inducer	316 SS	316 SS	316 SS	316 SS	Monel
Tab Washer	316 SS	316 SS	316 SS	316 SS	Monel
Shaft Sleeve	316 SS	316 SS	316 SS	17-4 PH	Monel
Throttle Bushing	316 SS	316 SS	316 SS	316 SS	Monel
Metal Seal Parts	316 SS	316 SS	316 SS	316 SS	Monel
Stationary Face	Binderless Carbon or Silicon Carbide				
Rotating Face	Tungsten Carbide with Cobalt or Nickel Binder				
Shaft (all)	4140 Steel to 0° F, 15-5 from 0° F to –240° F.				
O-rings	As Required				

1. "O" build temperature range 0 to -240°F (115°C) Pressure capability is reduced due to strain hardened pump case studs. Contact Application Engineering.

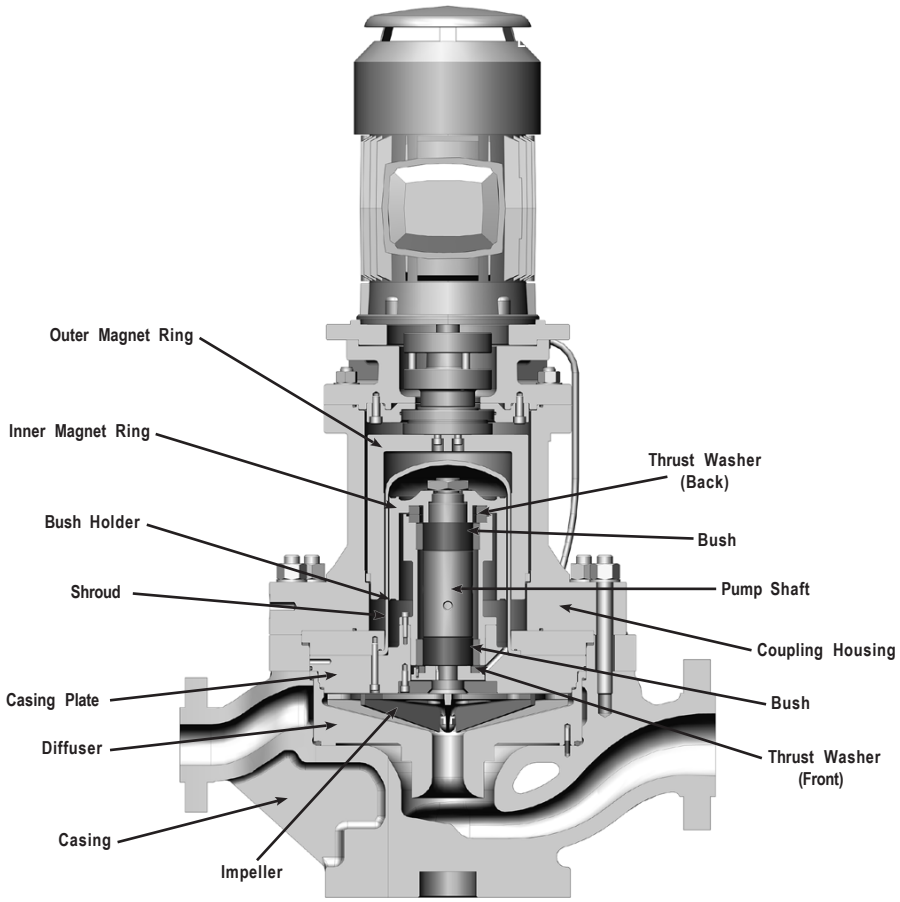
LMV-801CS



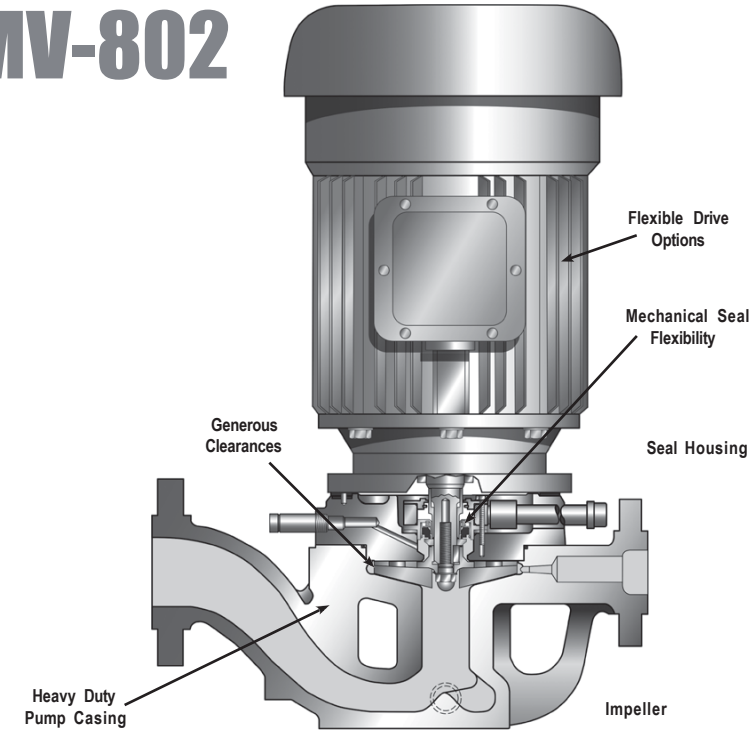
LMV 801CS BUILD CODES	A	E	J	O (1)	W
API 610 BUILD (2)	S-5 (3)	A-7 (4)	S-8 (4)	N/A	S-9 (4)
Pump Case	C.S.	316 SS	C.S.	316 SS	Monel Clad C.S.
Case Studs	B-7	B-7	B-7	B-8M	K-Monel
Seal Housing	C.S.	316 SS	C.S.	316 SS	Monel
Separator	316 SS	316 SS	316 SS	316 SS	Monel
Diffuser Insert	C.S.	316 SS	316 SS	316 SS	Monel
Diffuser Cover	C.S.	316 SS	316 SS	316 SS	Monel
Impeller	316 SS	316 SS	316 SS	316 SS	Monel
Impeller Bolt	316 SS	316 SS	316 SS	316 SS	K-Monel
Inducer	316 SS	316 SS	316 SS	316 SS	Monel
Tab Washer	316 SS	316 SS	316 SS	316 SS	Monel
Shaft Sleeve	316 SS	316 SS	316 SS	17-4 PH	Monel
Throttle Bushing	316 SS	316 SS	316 SS	316 SS	Monel
Metal Seal Parts	316 SS	316 SS	316 SS	316 SS	Monel
Stationary Face	Binderless Carbon or Silicon Carbide				
Rotating Face	Tungsten Carbide with Cobalt or Nickel Binder				
Shaft (all)	4140 Steel to 0° F, 15-5 from 0° F to –240° F.				
O-rings	As Required				

1. "O" build temperature range 0 to -240°F (115°C) Pressure capability is reduced due to strain hardened pump case studs. Contact Application Engineering.
2. See Sundyne Corporation exceptions/clarifications to API 610, 11th Edition for material requirements of pump parts.
3. Impeller is upgraded to 316SS. A seal gland is not required because the seals mount in the seal housing. O-rings are used instead of a case gasket.
4. A seal gland is not required because the seals mount in the seal housing. The pump shaft is AISI 4140 because it is not exposed to the fluid. O-rings are used instead of a case gasket.
5. Diffuser Inserts and Diffuser Covers apply to model LMV-801 only.

LMV-801S


Outer Magnet Ring
Inner Magnet Ring
Bush Holder
Shroud
Casing Plate
Diffuser
Casing
Impeller
Thrust Washer (Back)
Bush
Pump Shaft
Coupling Housing
Bush
Thrust Washer (Front)

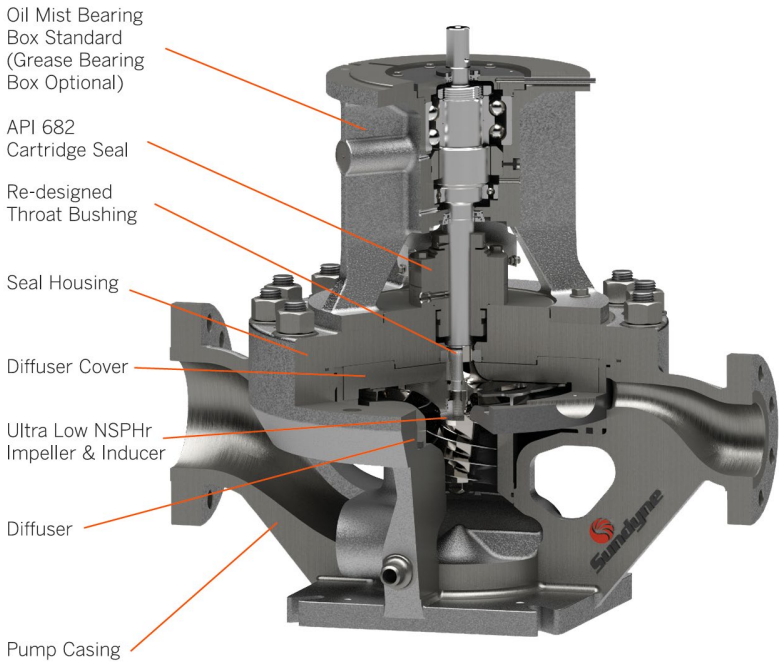
LMV-802



LMV 802 BUILD CODES	A	E	O (1)
API 610 BUILD (2)	S-5 (3)	A-7 (4)	N/A
Pump Case	C.S.	316 SS	316 SS
Case Studs	B-7	B-7	B-8M
Seal Housing	C.S.	316 SS	316 SS
Separator	316 SS	316 SS	316 SS
Diffuser Insert	C.S.	316 SS	316 SS
Diffuser Cover	C.S.	316 SS	316 SS
Impeller	316 SS	316 SS	316 SS
Impeller Bolt	316 SS	316 SS	316 SS
Inducer	316 SS	316 SS	316 SS
Tab Washer	316 SS	316 SS	316 SS
Shaft Sleeve	316 SS	316 SS	17-4 PH
Throttle Bushing	316 SS	316 SS	316 SS
Metal Seal Parts	316 SS	316 SS	316 SS
Stationary Face	Binderless Carbon or Silicon Carbide		
Rotating Face	Tungsten Carbide with Cobalt or Nickel Binder		
Shaft (all)	4140 Steel to 0° F, 15-5 from 0° F to –240° F.		
O-rings	As Required		

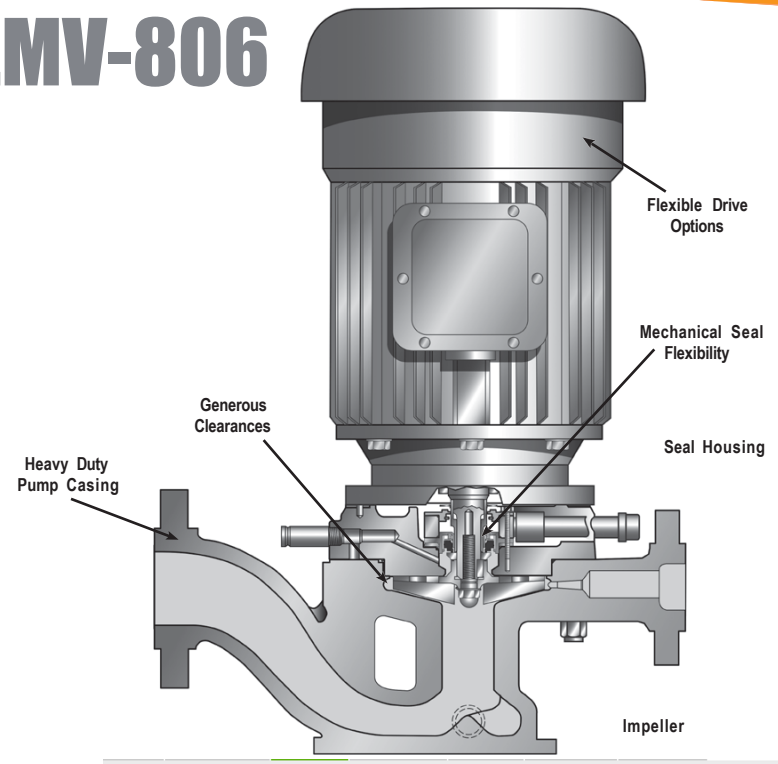
1. "O" build temperature range 0 to -240°F (115°C) Pressure capability is reduced due to strain hardened pump case studs. Contact Application Engineering.
2. See Sundyne Corporation exceptions/clarifications to API 610, 11th Edition for material requirements of pump parts.
3. Impeller is upgraded to 316SS. A seal gland is not required because the seals mount in the seal housing. O-rings are used instead of a case gasket.
4. A seal gland is not required because the seals mount in the seal housing. The pump shaft is AISI 4140 because it is not exposed to the fluid. O-rings are used instead of a case gasket.

LMV-803Lr



Part Name	Standard Build	Material Name
Pump Case	DH	316L Stainless Steel
Seal Housing	DB	316 Stainless Steel
Diffuser	DB	316 Stainless Steel
Diffuser Cover	DB	316 Stainless Steel
Impeller	DB	316 Stainless Steel
Inducer	DB	316 Stainless Steel
Inducer Stud	BB	4140 Steel
Tab Washer	DB	316 Stainless Steel
Shims	DJ	300 Series Austenitic SS
Shaft	DD	17-4 PH Stainless Steel
Pump Case Studs	BB	4140 Steel
Throttle Bushing	RA	Carbon
Cartridge Seal	DB	316 Stainless Steel
Seal Guard	GL	Aluminum Alloy
Bearing Box Housing	AA	Low/Medium Carbon Steel
Bearing Box Cover	AA	Low/Medium Carbon Steel
Coupling Housing	GC	Aluminum Alloy
Coupling Guard	GC	Aluminum Alloy

LMV-806



LMV 806 BUILD CODES	A	E	O (1)
API 610 BUILD (2)	S-5 (3)	A-7 (4)	N/A
Pump Case	C.S.	316 SS	316 SS
Case Studs	B-7	B-7	B-8M
Seal Housing	C.S.	316 SS	316 SS
Separator	316 SS	316 SS	316 SS
Diffuser Insert	C.S.	316 SS	316 SS
Diffuser Cover	C.S.	316 SS	316 SS
Impeller	316 SS	316 SS	316 SS
Impeller Bolt	316 SS	316 SS	316 SS
Inducer	316 SS	316 SS	316 SS
Tab Washer	316 SS	316 SS	316 SS
Shaft Sleeve	316 SS	316 SS	17-4 PH
Throttle Bushing	316 SS	316 SS	316 SS
Metal Seal Parts	316 SS	316 SS	316 SS
Stationary Face	Binderless Carbon or Silicon Carbide		
Rotating Face	Tungsten Carbide with Cobalt or Nickel Binder		
Shaft (all)	4140 Steel to 0° F, 15-5 from 0° F to –240° F.		
O-rings	As Required		

1. "O" build temperature range 0 to -240°F (115°C) Pressure capability is reduced due to strain hardened pump case studs. Contact Application Engineering.
2. See Sundyne Corporation exceptions/clarifications to API 610, 11th Edition for material requirements of pump parts.
3. Impeller is upgraded to 316SS. A seal gland is not required because the seals mount in the seal housing. O-rings are used instead of a case gasket.
4. A seal gland is not required because the seals mount in the seal housing. The pump shaft is AISI 4140 because it is not exposed to the fluid. O-rings are used instead of a case gasket.