

BLACKMER PARTS LIST

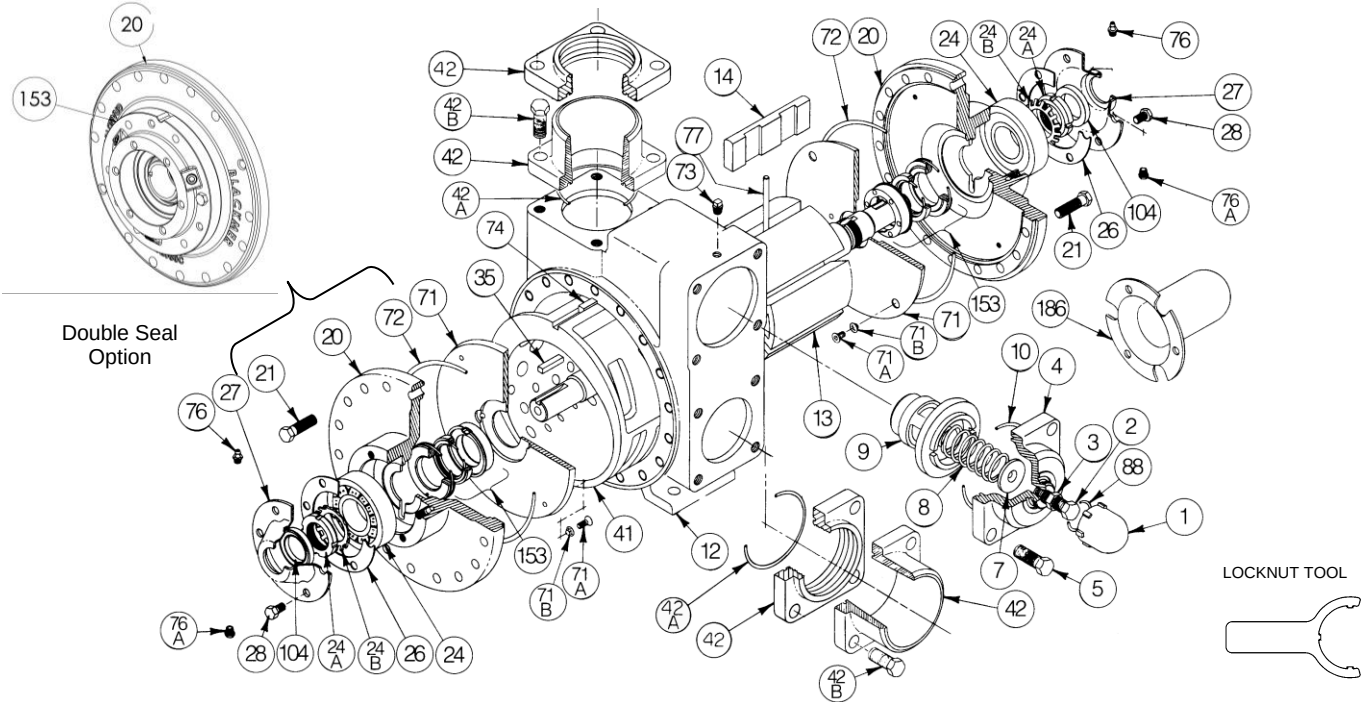
PUMP MODELS: SGLD4B, SGLWD4

962026
Page 1 of 3

PARTS LIST
801-B02

Section 801
Effective Jun 2024
Replaces Feb 2022

Keep with Instructions 801-B00 for Installation, Operation and Maintenance



Ref. No.	Description	Parts per Pump	Part No.	Ref. No.	Description	Parts per Pump	Part No.
1	Relief Valve (R/V) Cap	1	413957	42	NPT Flange – 3"	2	652012
2	R/V Adjusting Screw	1	436310		Weld Flange – 3"	1-2	652007
3	R/V Adjusting Screw Locknut	1	432039		Weld Flange – 4"		652005
4	R/V Cover	1	412001		O-Ring Flange (HNBR)(STD)		¹ 702313
5	R/V Cover Capscrews	4	920663	42A	O-Ring Flange (FKM)	2	701968
7	R/V Spring Guide	1	426355		O-Ring Flange (PTFE)		702101
	R/V Spring (51-75 psi) (STD)		472009		O-Ring Flange (Neoprene)		702011
8	R/V Spring (76-125 psi)	1	472039	42B	Capscrew – NPT Flange	8	920663
	R/V Spring (126-150 psi)		472039		Capscrew – Weld Flange		920640
9	R/V Valve	1	452001	71	Disc	2	² 062039
	O-Ring R/V Cover (HNBR) (STD)		¹ 702315	71A	Machine Screw – Disc	8	² 920015
10	O-Ring R/V Cover (FKM)	1	711909	71B	Lockwasher – Disc	8	² 909634
	O-Ring R/V Cover (PTFE)		702099		O-Ring Head (HNBR) (STD)		¹ 702321
	O-Ring R/V Cover (Neoprene)		702012	72	O-Ring Head (FKM)	2	702106
12	Casing	1	012019		O-Ring Head (PTFE)		702089
					O-Ring Head (Neoprene)		702267
13	Rotor & Shaft (Includes 24A & 24B)	1	² 262041	73	Gage Plug (1/4" NPT)	2	908198
	Rotor & Shaft (Dual Seal, Plan 52) ³		² 262042	74	Key – Liner	1	² 182040
14	Duravane (STD)		¹ 092019	76	Grease Fitting	2	317815
	Vane – Laminate ^A	6	¹ 092029	76A	Grease Relief Fitting	2	701992
20	Head	2	032041	77	Push Rod - composite	3	122009
	Head (Dual Seal) ^{3,4}		032080	88	O-Ring R/V Cap (HNBR) (STD)	1	¹ 702303
21	Head Capscrews	28	920532		O-Ring R/V Cap (FKM)		702116
24*	Ball Bearing	2	^{1,7} 903172		O-Ring R/V Cap (PTFE)		702100
24A	Bearing Locknut	2	² 903541		O-Ring R/V Cap (Neoprene)		711986
24B	Bearing Lockwasher	2	¹ 903542	104	Grease Seal	2	¹ 331908
26	Bearing Cover Gasket	2	¹ 385125	186	Shaft Protector	1	341801
27	Bearing Cover	2	041815		Tool - Locknut	—	903092
28	Bearing Cover Capscrews	12	920285		Kit – Maintenance	—	898937
35	Shaft Key	1	¹ 909183		Kit – Rebuild	—	899037
41	Liner	1	² 182000				
	Liner (Hardened) ^A		182010				

¹ Included in Maintenance Kit and Rebuild Kit ² Included in Rebuild Kit ³ Required for Dual Seal, Plan 52 ⁴ Required for Dual Seal, Plan 53

^A Items are only available and standard SGLWD4 parts ⁷ Dual Seal uses 903166 Bearing

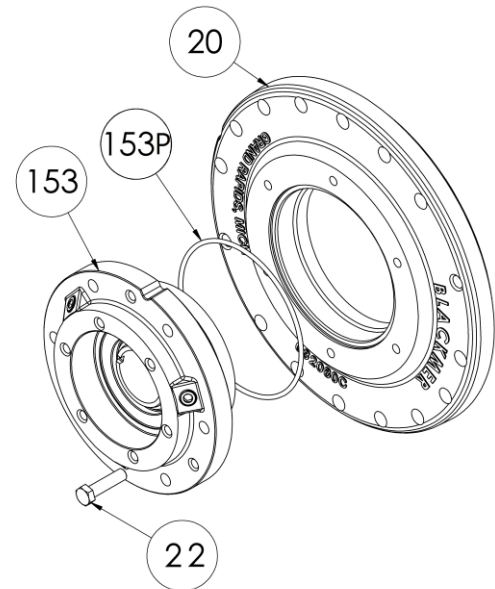
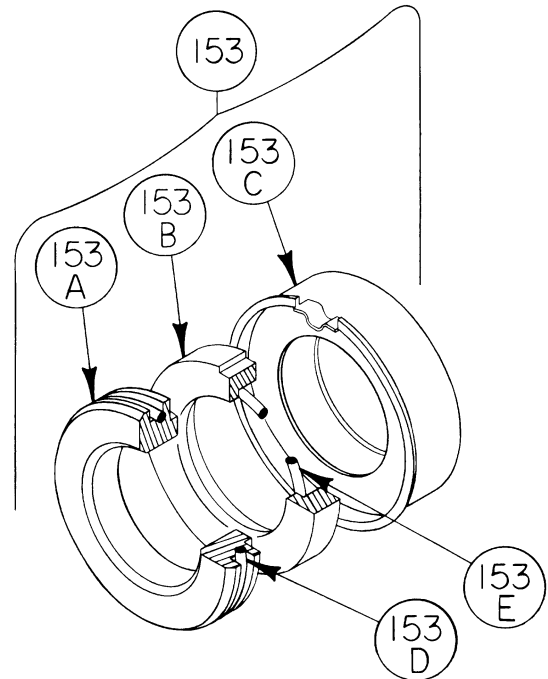
MECHANICAL SEAL

Ref. No.	Part Name	Parts Per Pump	Part No.
153	Mechanical Seal Assembly (STD) Hardened Steel Stationary Seat, Custom Carbon Rotating Seal Face, HNBR O-Rings (SJCJ)	2	¹ 332064
	Mechanical Seal Assembly Hardened Steel Stationary Seat, Custom Carbon Rotating Seal Face, FKM O-Rings (SVCV)		332065
	Mechanical Seal Assembly Hardened Steel Stationary Seat, Custom Carbon Rotating Seal Face, PTFE and FFKM O-Rings (SACK)		332066
	Mechanical Seal Assembly Hardened Steel Stationary Seat, Custom Carbon Rotating Seal Face, Neoprene O-Rings (SPCP)		332068
	Mechanical Seal Assembly Silicon Carbide Stationary Seat, Custom Carbon Rotating Seal Face, HNBR O-Rings (LJCJ)		332074
	Dual Mechanical Seal Assembly, Plan 53 Custom Carbon Stationary Seats Hardened Steel Rotating Seal Face FKM O-Rings (CVSV)		332189
	Dual Mechanical Seal Assembly, Plan 52 Custom Carbon Stationary Seats Hardened Steel Rotating Seal Face FKM O-Rings (CVSV)		332188
153A	Stationary Seat	2	**
153B	Rotating Seal Face	2	**
153C	Jacket Assembly	2	**
153D	O-Ring Stationary (HNBR) (STD)	2	702310
	O-Ring Stationary (FKM)		701921
	O-Ring Stationary (PTFE)		702056
	O-Ring Stationary (Neoprene)		702009
153E	O-Ring Rotating (HNBR) (STD)	2	702305
	O-Ring Rotating (FKM)		701962
	O-Ring Rotating (FFKM)		702171
	O-Ring Rotating (Neoprene)		702007
153P	O-Ring – Seal Cartridge (FKM)	2	702059
22	Seal Cartridge Capscrew	12	920369
–	Kit – Rebuild, Plan 52 Seal	–	899052
–	Kit – Rebuild, Plan 53 Seal	–	899053

¹ Included in Maintenance Kit and Rebuild Kit. *See Page 3 for details

**Mechanical Seal Ref. No. 153 is only sold as a complete assembly.

Ref. Nos. 153A, 153B, 153C, 153D, 153E, 153F are not available as separate replacement parts.

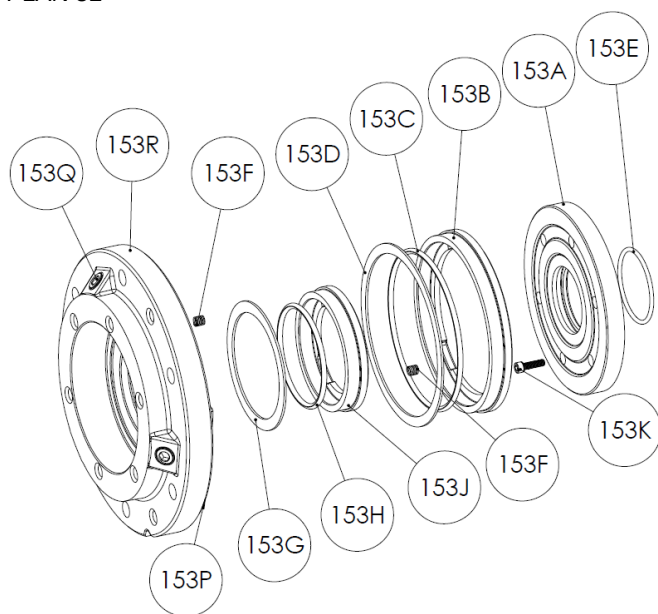


MECHANICAL SEAL – DUAL SEAL

DUAL SEAL - PLAN 52

Ref. No.	Description	Parts per Seal	Part No.
153A	Rotating Seal ¹	1	332093
153B	Carbon, Outer ¹	1	332187
153C	O-ring, FKM ¹	1	701991
153D	Backer Ring, Outer	1	332085
153E	O-ring, FKM ¹	1	701962
153F	Spring ¹	27	332199
153G	Backer Ring, Inner	1	332088
153H	O-ring, FKM ¹	1	711929
153J	Carbon, Inner ¹	1	332086
153K	Sealing Capscrew ¹	6	920140
153P	O-ring, FKM ¹	1	702059
153Q	Plug	3	908192
153R	Cartridge, Seal Insert	1	332181

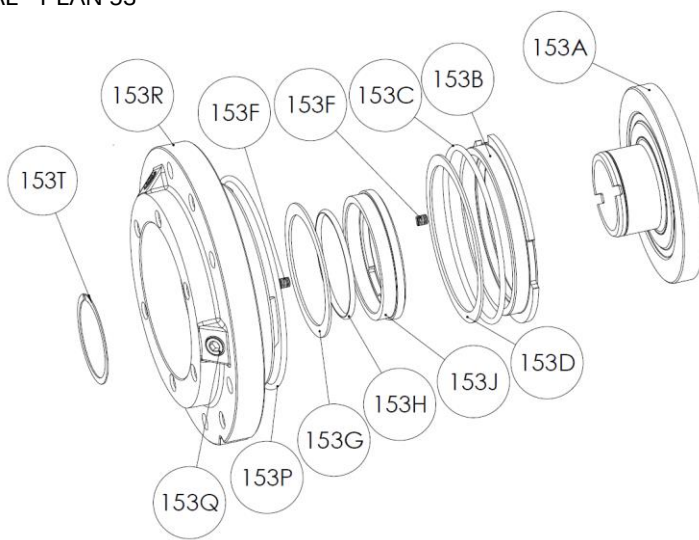
¹ Included in Rebuild Kit 899052



DUAL SEAL - PLAN 53

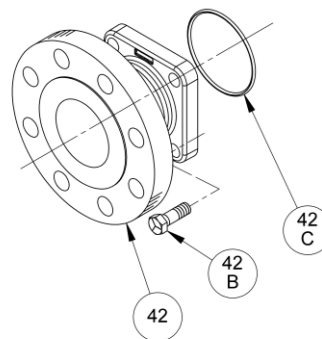
Ref. No.	Description	Parts per Seal	Part No.
153A	Rotating Seal Sub-Assembly ¹	1	332282
153B	Carbon, Outer ¹	1	332087
153C	O-ring, FKM ¹	1	702357
153D	Backer Ring, Outer	1	332089
153F	Spring ¹	21	332199
153G	Backer Ring, Inner	1	332088
153H	O-ring, FKM ¹	1	711929
153J	Carbon, Inner ¹	1	332086
153P	O-ring, FKM ¹	1	702059
153Q	Plug	3	908192
153R	Cartridge, Seal Insert	1	332081
153T	Snap Ring ¹	1	903590

¹ Included in Rebuild Kit 899053



ADDITIONAL FLANGE OPTIONS (Bolt on Companion Flanges)

Ref. No.	Description	Parts per Seal	Part No.
42	Flange ANSI 4" 300 lb. R.F.	2	651925
42C	O-Ring, Flange – (HNBR) (STD)	2	702313
	O-Ring, Flange – FKM		701968
	O-Ring, Flange – PTFE		702101
	O-Ring, Flange – Neoprene		702011
42B	Capscrew ANSI Flange	8	920640



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Parts List 801-B02
 Page 3 of 3