

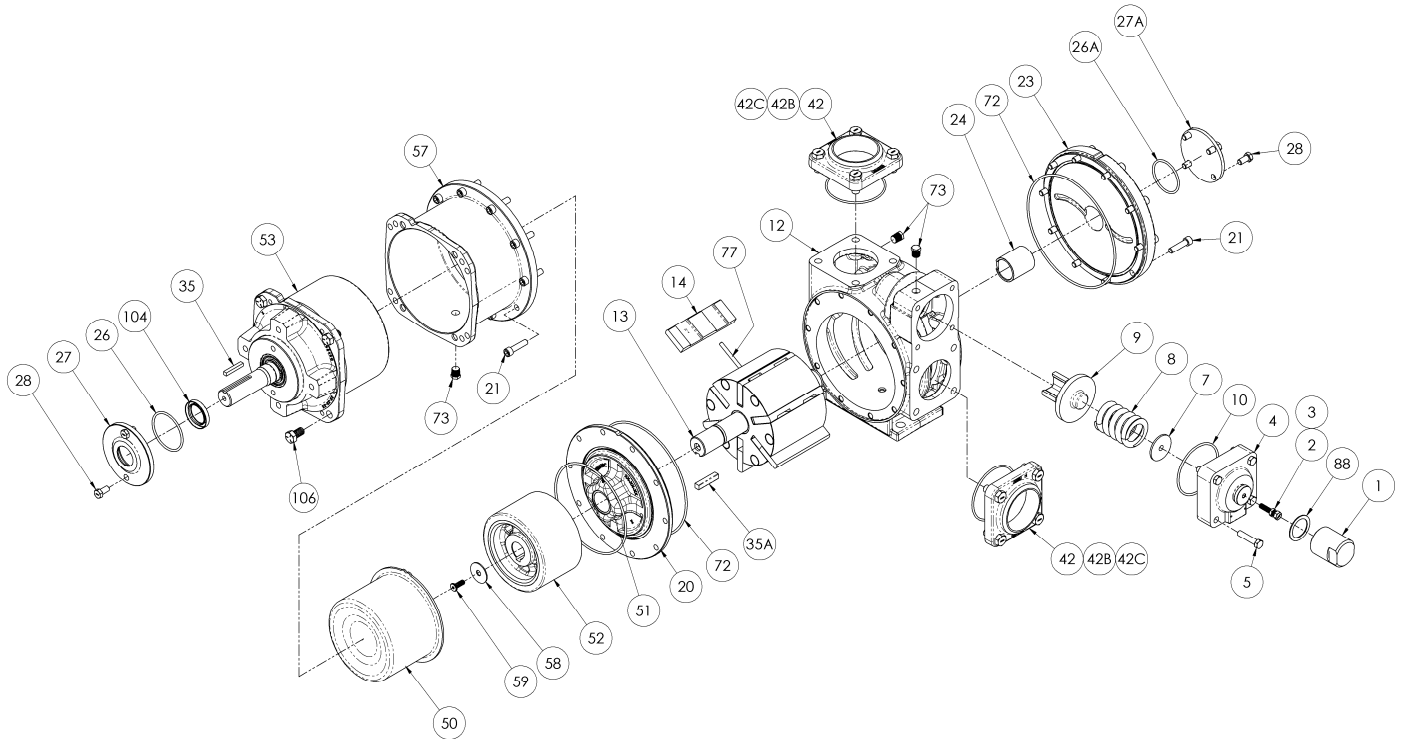
BLACKMER PARTS LIST

PUMP MODELS: MAGNES SERIES - MI3 MS3

961802 PARTS LIST
Page 1 of 2 110-A01

Section 110
Effective Apr 2020
Replaces New

Keep with Instructions 110-A00 for Installation, Operation, and Maintenance



Ref. No.	Description	Qty	MI3 Part No.	MS3 Part No.	Ref. No.	Description	Qty	MI3 Part No.	MS3 Part No.
1	Cap - Relief Valve (R/V)	1	413957	413958	27	Inboard Bearing Cover	1	041602	
2	Adjusting Screw - R/V	1	433905	433907	27A	Outboard Bearing Cover	1	041600	041601
3	Locknut - R/V	1	922923	922821	28	Capscrews - Bearing Cover	6	920291	920293
4	Cover - R/V	1	411868	416610	35	Key - Shaft ⁴	1	909156	
5	Capscrew - R/V Cover	4	920384	920382	35A	Key - Wet End ⁴	1	909157	
7	Spring Guide - R/V	1	421805	422201	42	See page 2 for Flange Options			
8	Spring - R/V (51-110 psi)	1	471807		50	Containment Shell	1	686660	
	Spring - R/V (111-150 psi)		471808		51	O-ring - Canister (FKM) ⁴	1	702185	
	Spring - R/V (151-200 psi)		471870			O-ring - Canister (PTFE)		702186	
9	Valve - R/V	1	451807	452201		O-ring - Canister (Buna-N)		711948	-
10	O-Ring - R/V Cover (FKM) ⁴	1	711931		52	Magnet Assembly - Driven	1	686700	686600
	O-Ring - R/V Cover (PTFE)		702080		53	Power End Assembly	1	686599	
	O-Ring - R/V Cover (Buna-N)		701936	-	57	Magnet Housing	1	686550	
12	Cylinder	1	021805	026500	58	Washer - Driven Magnet	1	906817	
	Cylinder (Horizontal Porting)		021815	-	59	Capscrew - Driven Magnet	1	922000	
13	Rotor & Shaft	1	266700	266600		O-Ring - Head (FKM) ⁴		702232	
14	Vane - Duravane ⁴	6	091819		72	O-Ring - Head (PTFE)	2	702233	
	Vane - EC Laminate		091829			O-Ring - Head (Buna-N)		702231	-
20	Head & Bushing Asy. - Inboard	1	036700	036600		73		Hex Head Pipe Plug - 1/4 NPT	3
21	Capscrews - Head	20	920371	920340	77	Push Rods ⁴	3	121807	126600
23	Head & Bushing Asy. - Outboard	1	031877	036660	88	Gasket - R/V Cap ⁴	1	533909	
24	Bushing (Sleeve Bearing) ⁴	2	161600		104	Seal	1	904202	
26	O-Ring - IB Bearing Cover (FKM)	1	702086		106	Capscrew - Bearing Housing	4	920826	
26A	O-Ring - OB Bearing Cover (FKM) ⁴	1	702038		-	Kit - Maintenance	-	899001	899002
	O-Ring - OB Bearing Cover (PTFE)		702234						
	O-Ring - OB Bearing Cover (Buna-N)		702037						

⁴ Included in Maintenance Kit, kit will include FKM o-rings, gaskets for NPT Flanges (MI3), or FKM O-rings for Weld Flanges (MS3)

FLANGE OPTIONS

Ref No.	Part Name	Parts Per Pump	MI3 P/N	MS3 P/N
42	Flange - 3" NPT	0-2	651803	-
	Flanngge - 3" Weld		655102	652201
	Flange - ANSI 3" 150 lb RF		651817	654500
42A	Gasket - NPT Flange (Comp.) ⁴	0-2	381816	-
42B	Capscrew - (NPT Flage ONLY)	0-8	920532	-
	Capscrew - Weld		920510	920489
42C	Capscrew - ANSI Flange		920510	920516
	O-ring - Flange (FKM) ⁴	0-2		701968
	O-ring - Flange (PTFE)			702101
O-ring - Flange (Buna-N)			701937	

