

Parts Manual
PL71-21MF-900
04/08/2011



Cleco[®]

21MF-900 Series
Non-Reversible Rotary Vane Power Motors

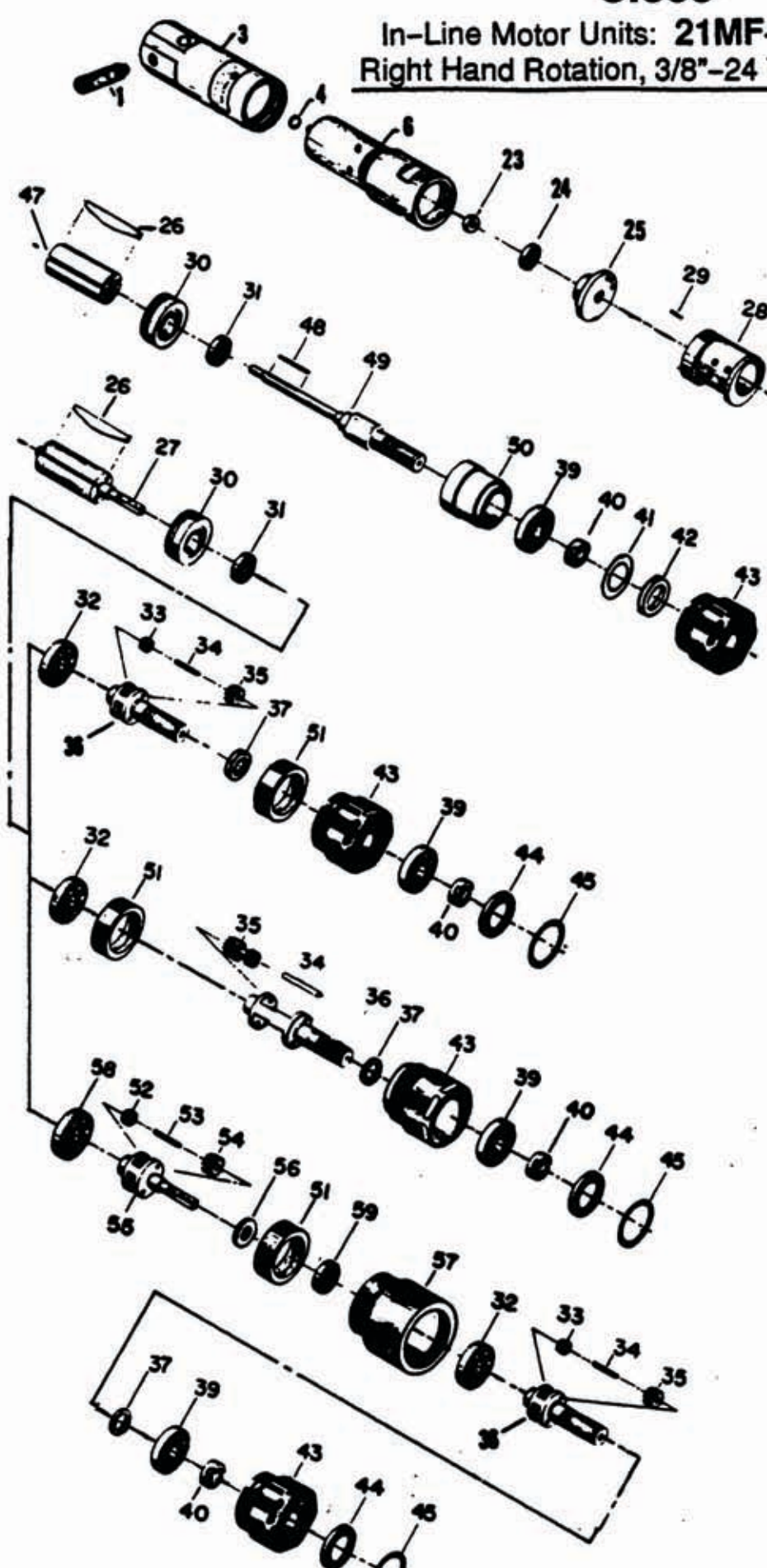


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Cleco®

In-Line Motor Units: 21MF-900 Series
Right Hand Rotation, 3/8"-24 Threaded Shaft

21MFN900M
 21MFN901M
 21MFN902M
 21MFN903M
 21MFN904M
 21MFN905M
 21MFN906M
 21MFN907M



REF. NO.	PART NO.	DESCRIPTION
1	1015869	Muffler
3	1015624	Rear Seal
4	1008680	O-Ring
6	1015648	Motor Housing
23	1012215	Nut
24	1009679	Ball Bearing
25	1017780	Rear Plate
26	1008914	(5) Rotor Blade (21MF-900)
27	1008914	(4) Rotor Blade (All Others)
28	1015872	Rotor-PT (21MF-901,5)
29	1017518	Rotor-7T (21MF-902,6)
30	1017517	Rotor-6T (21MF-903,7)
31	1017516	Rotor-5T (21MF-904)
32	1017517	Cylinder (Incl: Ref. 129)
33	1008265	Pin
34	1008916	Front Plate
35	1007537	Ball Bearing
36	1005062	Ball Bearing (21MF-901,2,3,4,5,6,7)
37	1008924	(24) Needle Roller (21MF-901,2,3,4,5,6,7)
38	1008920	(2) Planet Pin (21MF-901,2,3,4,5,6,7)
39	1008977	(2) Planet Pin (21MF-904)
40	1008973	(2) Planet Gear-14T (21MF-901,5,6,7)
41	1008968	(2) Planet Gear-17T (21MF-902)
42	1008919	(2) Planet Gear-19T (21MF-903)
43	1008978	(2) Planet Gear (21MF-904)
44	1008974	Planet Cage (21MF-901,5,6,7)
45	1008917	Planet Cage (21MF-902)
46	1008979	Planet Cage (21MF-903)
47	1008972	Planet Cage Washer (21MF-901,5,6,7)
48	1008964	Planet Cage Washer (21MF-902,4)
49	1008918	Planet Cage Washer (21MF-903)
50	1005062	Ball Bearing (21MF-900)
51	1009087	Ball Bearing (21MF-901,2,3,4,5,6,7)
52	1005071	Spindle Nut
53	1005051	Steel Washer (21MF-900)
54	1003046	Felt Washer (21MF-900)
55	1009079	Wash (21MF-900)
56	1019149	Wash & Internal Gear (21MF-901,5,6,7)
57	1019156	Wash & Internal Gear (21MF-902)
58	1019154	Wash & Internal Gear (21MF-903)
59	1019151	Wash & Internal Gear (21MF-904)
60	1019157	Washer (21MF-901,2,3,4,5,6,7)
61	1008959	Retaining Ring (21MF-901,2,3,4,5,6,7)
62	1008941	Rotor (21MF-900)
63	1008983	Pin (21MF-900)
64	1008982	Work Spindle (21MF-900)
65	1008984	Spacer (21MF-900)
66	1008924	Bearing Adapter (21MF-903,4,7)
67	1008924	(24) Planet Roller (21MF-905,6,7)
68	1008920	(2) Planet Pin (21MF-905,6,7)
69	1008973	(2) Planet Gear-14T (21MF-905)
70	1008968	(2) Planet Gear-17T (21MF-906)
71	1008919	(2) Planet Gear-19T (21MF-907)
72	1008985	Planet Cage (21MF-905)
73	1009679	Planet Cage (21MF-906)
74	1009681	Planet Cage (21MF-907)
75	1008986	Planet Cage Washer (21MF-905)
76	1009680	Planet Cage Washer (21MF-906)
77	1009682	Planet Cage Washer (21MF-907)
78	1019146	Gear Housing (21MF-905)
79	1019147	Gear Housing (21MF-906)
80	1019148	Gear Housing (21MF-907)
81	1005062	Ball Bearing (21MF-905,6,7)
82	1007537	Ball Bearing (21MF-905,6,7)

SERVICE NOTES

<u>MODEL NO.</u>	<u>FREE SPEED</u> (RPM)	<u>OUTPUT SPINDLE</u>
21MFN900M	24,000	3/8" - 24 R.H.
21MFN901M	4,750	3/8" - 24 R.H.
21MFN902M	3,500	3/8" - 24 R.H.
21MFN903M	2,800	3/8" - 24 R.H.
21MFN904M	2,100	3/8" - 24 R.H.
21MFN905M	900	3/8" - 24 R.H.
21MFN906M	650	3/8" - 24 R.H.
21MFN907M	500	3/8" - 24 R.H.

FEATURES

Right Hand Spindle Rotation
1" - 20 Left Hand Threaded Nose

POWER SOURCE

Requirements: 90 - 100 PSI Air Pressure, 1/4" I.D. Hose
Air Inlet Thread Size: 1/4" NPT

Sales & Service Centers

Note: All locations may not service all products. Please contact the nearest Sales & Service Center for the appropriate facility to handle your service requirements.

Dallas, TX
**Apex Tool Group
Sales & Service Center**
1470 Post & Paddock
Grand Prairie, TX 75050
Tel: 972-641-9563
Fax: 972-641-9674

Detroit, MI
**Apex Tool Group
Sales & Service Center**
2630 Superior Court
Auburn Hills, MI 48326
Tel: 248-391-3700
Fax: 248-391-7824

Houston, TX
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6550 West Sam Houston
Parkway North, Suite 200
Houston, TX 77041
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Fax: 713-849-2047

Lexington, SC
Apex Tool Group
670 Industrial Drive
Lexington, SC 29072
Tel: 800-845-5629
Tel: 803-951-7544
Fax: 803-358-7681

Los Angeles, CA
**Apex Tool Group
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15503 Blackburn Avenue
Norwalk, CA 90650
Tel: 562-623-4457
Fax: 562-802-1718

Seattle, WA
**Apex Tool Group
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2865 152nd Avenue N.E.
Redmond, WA 98052
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3990 East Market Street
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