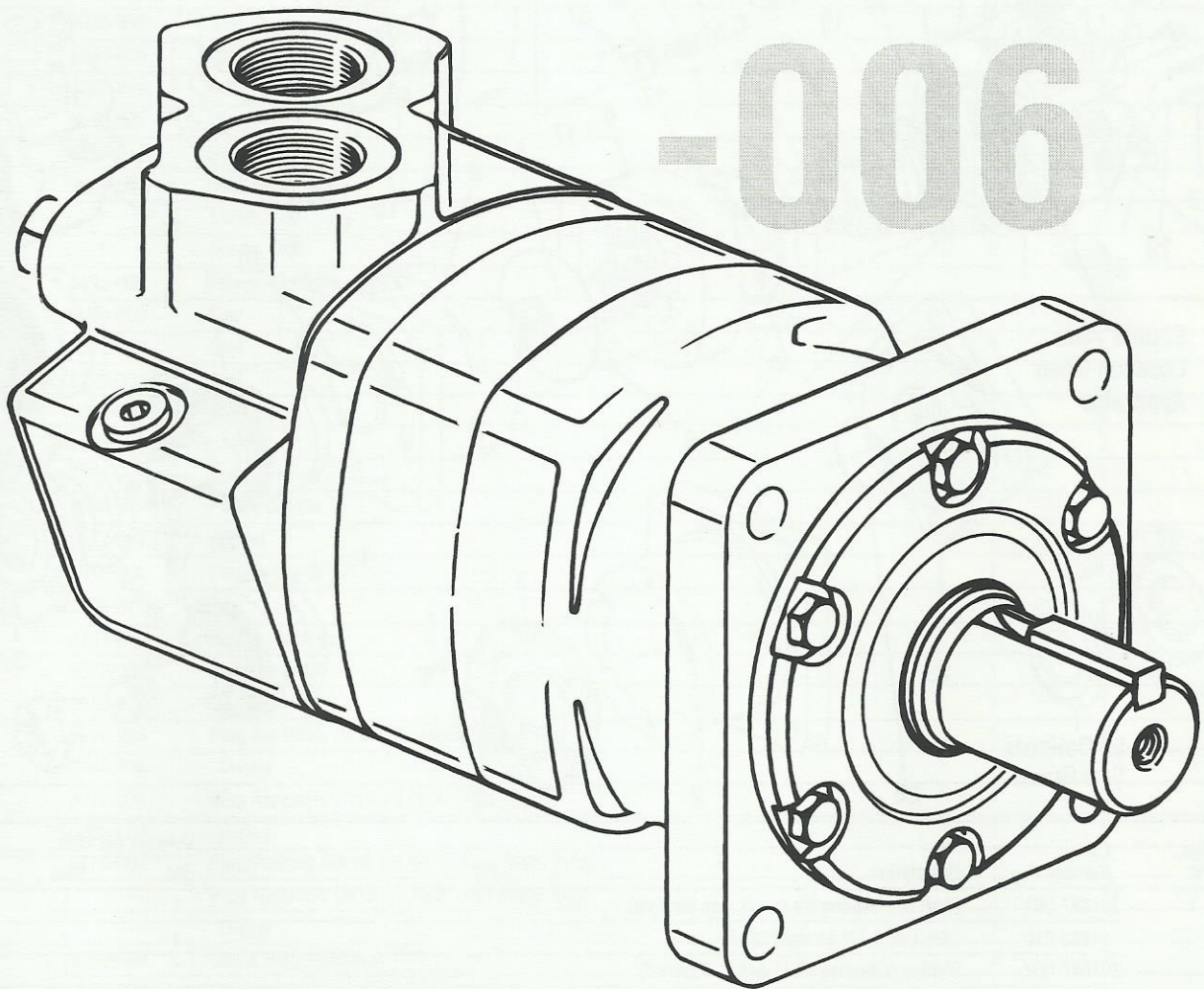


Char-Lynn®
Disc Valve Motors

No. 6-159
September, 1996

EAT•N

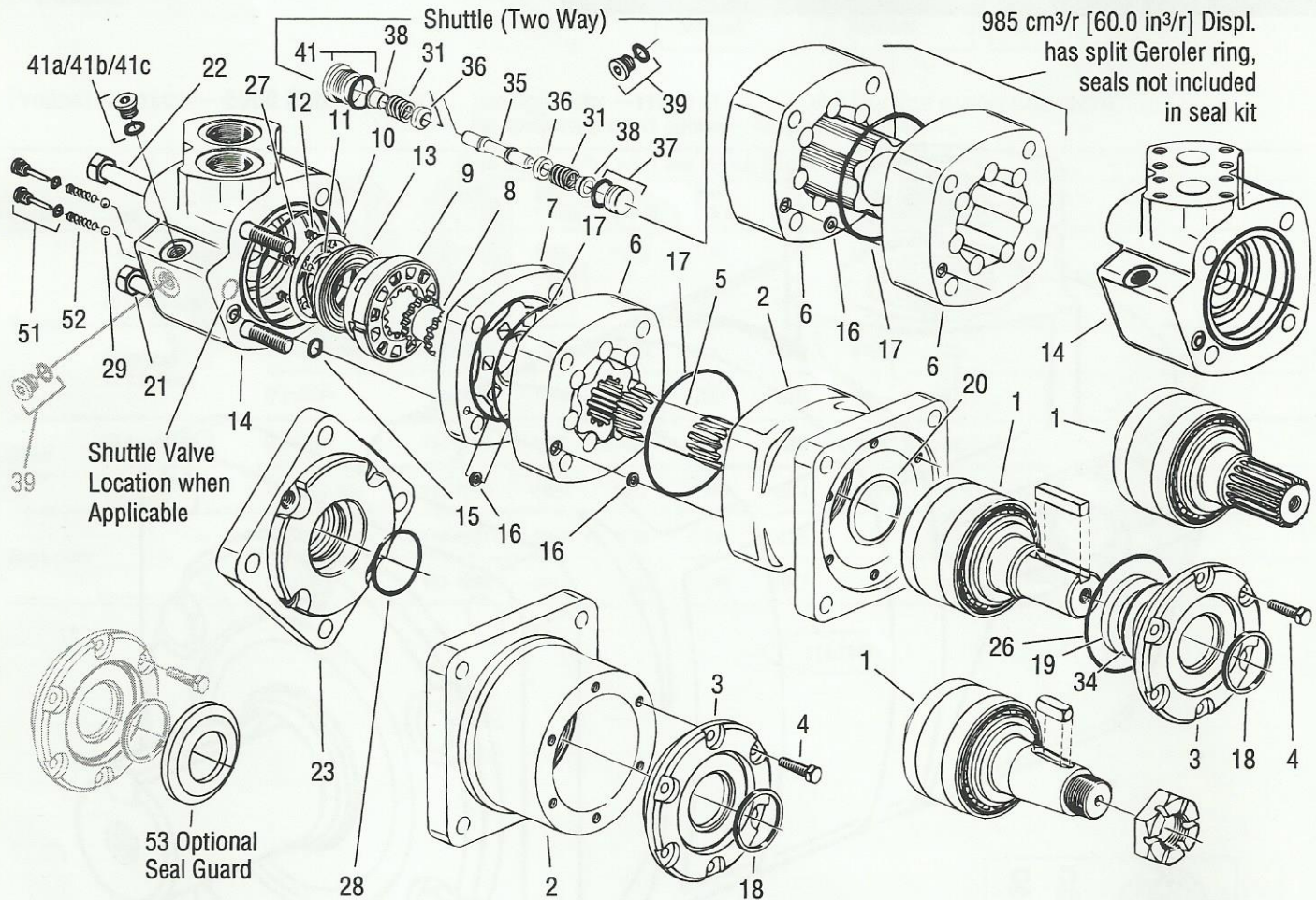
Parts Information



6000 Series
Geroler® Motors

006

Displacement cm ³ /r [in ³ /r]	Drive, Main Ref. No. 5 Part No./Length		Geroler® Ref. No. 6 Part No./Width		Screw, Cap Ref. No. 21 Part No./Length		Screw, Cap Ref. No. 22 Part No./Length	
	Part No.	mm [inch]	Part No.	mm [inch]	Part No.	mm [in.]	Part No.	mm [in.]
195 [11.9]	21373-001	105,1 [4.14]	8507-001	21,7 [.85]	14409-001	125,7 [4.95]	14409-005	159,7 [6.29]
245 [15.0]	21373-002	110,7 [4.36]	8507-002	27,3 [1.07]	14409-002	132,1 [5.20]	14409-006	166,1 [6.54]
310 [19.0]	21373-003	118,1 [4.65]	8507-003	34,6 [1.36]	14409-003	138,4 [5.45]	14409-007	172,4 [6.79]
390 [23.9]	21373-004	127,0 [5.00]	8507-004	43,4 [1.71]	14409-004	148,1 [5.83]	14409-008	181,8 [7.16]
490 [30.0]	21373-005	138,2 [5.44]	8507-005	54,4 [2.14]	14409-005	159,7 [6.29]	14409-010	193,3 [7.61]
625 [38.0]	21373-007	152,8 [6.02]	8507-007	69,1 [2.72]	16137-867	174,6 [6.88]	14409-014	208,5 [8.21]
985 [60.0]	21373-006	192,8 [7.59]	8507-006	108,9 [4.29]	14409-012	213,6 [8.41]	14409-013	245,4 [9.66]



Ref. No.	Part Number	Description	Quantity per Unit		
			Std.	Whl.	Brgl.
1	201837-001	Shaft and Bearing Kit (1-1/2 inch Straight)	1	1	
	14393-010	Key (for 1-1/2 Straight Shaft)	1	1	
	201837-002	Shaft and Bearing Kit (1-3/4 in. Tapered)	1	1	
	14230-000	Nut, Hex (1-3/4 in. Tapered Shaft)	1	1	
	14394-007	Key (for 1-3/4 in. Tapered Shaft)	1	1	
	201837-003	Shaft and Bearing Kit (1-1/2 in. Splined 17T)	1	1	
	201837-010	Shaft and Bearing Kit (40 mm Straight)	1	1	
	14458-006	Key (for 40mm Straight Shaft)	1	1	
2	201839-001	Housing, Bearing (SAE CC)(Standard)	1		
	201839-002	Housing, Bearing (Wheel Mount)		1	
3	201840-001	Retainer, Front	1	1	
4	14253-000	Screw, Cap	6	6	

Disc Valve Motors — 6000 Series -006



Ref. No.	Part Number	Description	Quantity per Unit		
			Std.	Whl.	Brgl.
5	*	Drive, Main	1	1	1
6	*	Geroler®	1	1	1
7	21666-000	Plate, Valve	1	1	1
8	8508-000	Drive, Valve	1	1	1
9	8497-000	Valve	1	1	1
OX 10	6992-000	Seal, Face, Outer	1	1	1
OX 11	6993-000	Seal, Face, Inner	1	1	1
12	6203-000	Spring, Compression	3	3	3
13	21317-000	Balance Ring w/ Pins	1	1	1
14	8502-004	Housing, Valve (1-5/16 Str. Thrd. O-ring Ports — 7/16-20 Case Drain Port)	1	1	1
	8502-002	Housing, Valve (3/4 in. Split Flange — 7/16-20 Case Drain Port)	1	1	1
	8502-006	Housing, Valve (G 1 (BSP) Ports — G 1/4 (BSP) Case Drain Port)	1	1	1
	23980-001	Housing, Valve - Shuttle Valve Type (1-5/16 Str. Thrd. O-ring Ports — 9/16-18 Case Drain Port)	1	1	1
	—	Housing, Valve - Shuttle Valve Type (G 1 (BSP) Ports — M12 Case Drain Port)	1	1	1
OX 15	15006-000	Seal	1	1	1
OX 16	8765-010	Seal	2	2	2
X† 17	250052-044	Seal	2	2	2
† 18	9039-001	Seal, Dust	1	1	
† 19	9057-013	Seal, Shaft	1	1	
† 20	9080-001	Seal, Shaft Face	1	1	
21	*	Screw, Cap	2	2	2
22	*	Screw, Cap	2	2	2
23	8492-000	Flange, Mounting, SAE C			1
OX 26	15039-000	Seal	1	1	
OX 27	15062-000	Seal	1	1	1
28	15128-000	Seal			1
29	18026-000	Ball, Steel	2	2	2
31	230079-000	Spring	2	2	2
† 34	6991-000	Ring, Back-up	1	1	
35	8566-000	Piston Shuttle	1	1	1
36	8567-000	Poppet	2	2	2
37	201868-002	Plug/O-ring S/A	1	1	1
	14502-012	Seal	1	1	1
38	8755-000	Sleeve, Dash Pot	1	1	1
39	9072-002	Plug Assembly	1	1	1
	250003-903	O-ring	1	1	1
41	9266-006	Plug Assembly (9/16-18 Shuttle Valve End)	1	1	1
	250003-906	O-ring	1	1	1
41a	9072-003	Plug Assembly (7/16-20 Case Drain Plug)	1	1	1
OX	250003-904	O-ring	1	1	1
41b	9170-002	Plug/Packing S/A (G 1/4 (BSP) Case Drain Plug)	1	1	1
41c	—	Plug Assembly (M12 x 1,5-6H Case Drain Plug)	1	1	1
	—	O-ring	1	1	1
51	8350-000	Check Plug Assembly	2	2	2
OX	250003-903	O-ring	2	2	2
52	6464-000	Spring, Compression	2	2	2
53	14628-007	Guard, Seal	1	1	
	61238-000	Seal Kit, Rear (Std. and Whl. Motors)—Contains Parts Indicated by X			
	61237-000	Seal Kit, Shaft (Std. and Whl. Motors)—Contains Parts Indicated by †			
	61285-000	Seal Kit, Complete Buna N with Viton Shaft Seal (Std. and Whl. Motors) — Contains Parts Indicated by X and †			
	61239-000	Seal Kit, (Bearingless Motor Only)—Contains Parts Indicated by O			
	61250-000	Seal Kit, Viton®** (Bearingless Motor Only)—Contains Parts Indicated by O			
	61246-000	Seal Kit, Viton** (Std. and Whl. Motors)—Contains Parts Indicated by † and X			
	61293-000	Seal Kit, Shaft (Std. and Whl. Motors with)—Seal Guard Ref. No. 53			

*—See Chart on Opposite Page. Viton® is a Registered Trade Name of Dupont Corporation.

—Viton Seal Part Numbers Differ from Part Numbers Shown above. **Note: Backup Ring (Ref. No. 34) is not used with Viton Shaft Seal (Ref No. 19).

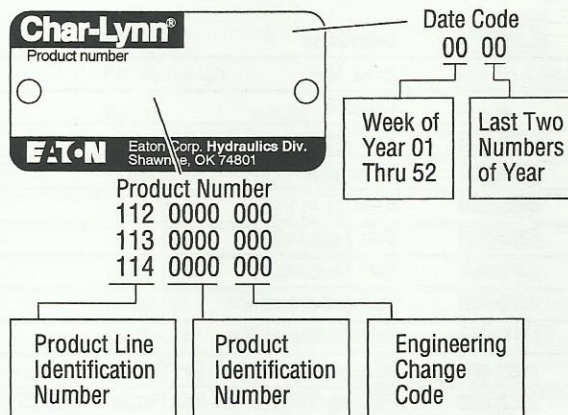
How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts

For More Detailed Information Contact Eaton Corp. Hydraulics Division 15151 Highway 5 Eden Prairie, MN 55344.

- Specifications and performance Data, Catalog No. 11-878
- When servicing 6000 Series Motors refer to Repair Information No. 7-119. This repair manual lists tools required, and step by step disassembly and reassembly procedures.



Product Numbers—6000 Series Motors

Use digit prefix —112-, 113-, or 114- plus four digit number from charts for complete product number—Example 114-1047.

			Displacement cm ³ /r [in ³ /r] and Product Number						
Mounting	Shaft	Ports	195 [11.9]	245 [15.0]	310 [19.0]	390 [23.9]	490 [30.0]	625 [38.0]	985 [60.0]
Standard	1-1/2 inch Straight	1-5/16 O-ring	112-1064	-1065	-1066	-1067	-1068	-1107	-1069
	40 mm Straight	G 1 (BSP)	112-1094	-1095	-1096	-1097	-1098	—	-1099
	1-1/2 Inch 17 T Splined	1-5/16 O-ring	112-1058	-1059	-1060	-1061	-1062	-1109	-1063
		G 1 (BSP)	112-1088	-1089	-1090	-1091	-1092	—	-1093
Wheel Motor	40 mm Straight	G 1 (BSP)	113-1082	-1083	-1084	-1085	-1086	-1100	-1087
	1-3/4 Inch Tapered	1-5/16 O-ring	113-1070	-1071	-1072	-1073	-1074	-1093	-1075
Bearingless		1-5/16 O-ring	114-1031	-1032	-1033	-1034	-1035	-1055	-1036
		G 1 (BSP)	114-1043	-1044	-1045	-1046	-1047	—	-1048

114-1047

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Quality System Certified
Products in this catalog are manufactured
in an ISO-9001-certified site.