

Western **Fluidyne**TM

High Torque, Low Speed Motors
H, S & 2000 Series



Interchangable with:

- Charlynn
- White
- Ross
- Parker



H SERIES



S SERIES



2000 SERIES

www.wfdyne.com

**OUR
PEOPLE
MAKE THE
DIFFERENCE**

Western *Fluidyne*TM



Western Fluidyne is an ISO 9001 certified supplier of new and remanufactured hydraulic components. Our high quality products interchange with most popular brands including Rexroth, Eaton, Vickers, Denison, Oil Gear and Charlynn. We maintain a massive inventory of units and parts, and our shop and testing facility allows us to build exactly what you need, when you need it.

Fluidyne provides:

- New Fluidyne and Remanufactured Products
- Outstanding Customer Service
- Custom Proprietary software allows immediate & accurate technical support, quoting, order entry & bill of material information
- Two Year Warranty
- Standard & Modified Products
- Extensive Michigan Inventory
- Twelve test stands that allow for quick 100% testing of all units shipped
- ISO Certified
- End Customer Protection
- Performance you have come to expect
- Blind Drop Shipments



Fluidyne 101 “H” Series 009 Design

Fluidyne			DISPLACEMENT cm ³ /r (in ³ /r)									
			36 cm ³ (2.2)	50 cm ³ (2.8)	80 cm ³ (4.9)	100 cm ³ (6.1)	125 cm ³ (7.7)	160 cm ³ (9.8)	200 cm ³ (12.2)	250 cm ³ (15.3)	315 cm ³ (19.2)	400 cm ³ (24.4)
Char-Lynn reference			36 cm ³ (3)	46 cm ³ (3)	74 cm ³ (4.5)	97 cm ³ (5.9)	120 cm ³ (7.3)	159 cm ³ (9.7)	185 cm ³ (11.3)	231 cm ³ (14.1)	293 cm ³ (17.9)	370 cm ³ (22.6)
MOUNTING	SHAFTS	PORTS										
2 BOLT FLANGE MOUNT	1" STRAIGHT W/KEY	7/8"-14 O-RING	WF1011700	WF1011033	WF1011034	WF1011035	WF1011702	WF1011036	WF1011037	WF1011038	WF1011039	WF1011040
		1/2" NPTF O-RING	WF1011704	WF1011025	WF1011026	WF1011027	WF1011706	WF1011028	WF1011029	WF1011030	WF1011031	WF1011032
		MANIFOLD	WF1011708	WF1011041	WF1011042	WF1011043	WF1011710	WF1011044	WF1011045	WF1011046	WF1011047	WF1011048
	1" SAE 6B SPLINED	7/8"-14 O-RING	WF1011721	WF1011081	WF1011082	WF1011083	WF1011723	WF1011084	WF1011085	WF1011086	WF1011087	WF1011088
		1/2" NPTF O-RING	WF1011725	WF1011073	WF1011074	WF1011075	WF1011727	WF1011076	WF1011077	WF1011078	WF1011079	WF1011080
		MANIFOLD	WF1011729	WF1011089	WF1011090	WF1011091	WF1011731	WF1011092	WF1011093	WF1011094	WF1011095	WF1011096
4 BOLT FLANGE MOUNT	1" STRAIGHT W/KEY	7/8"-14 O-RING	WF1011749	WF1011009	WF1011010	WF1011011	WF1011751	WF1011012	WF1011013	WF1011014	WF1011015	WF1011016
		1/2" NPTF O-RING	WF1011753	WF1011001	WF1011002	WF1011003	WF1011755	WF1011004	WF1011005	WF1011006	WF1011007	WF1011008
		MANIFOLD	WF1011757	WF1011017	WF1011018	WF1011019	WF1011759	WF1011020	WF1011021	WF1011022	WF1011023	WF1011024
	1" SAE 6B SPLINED	7/8"-14 O-RING	WF1011761	WF1011057	WF1011058	WF1011059	WF1011872	WF1011060	WF1011061	WF1011062	WF1011063	WF1011064
		1/2" NPTF O-RING	WF1011764	WF1011049	WF1011050	WF1011051	WF1011766	WF1011052	WF1011053	WF1011054	WF1011055	WF1011056
		MANIFOLD	WF1011768	WF1011065	WF1011066	WF1011067	WF1011770	WF1011068	WF1011069	WF1011070	WF1011071	WF1011072
Max Torque (in-lbs)	Continuous		504	717	1,142	1,425	1,788	1,806	2,292	2,877	3,054	3,850
	Intermittent		672	956	1,513	1,885	2,372	3,027	3,452	4,036	4,470	4,717
Max Pressure (PSI)	Continuous		1,840	1,813	1,813	1,813	1,813	1,813	1,596	1,596	1,596	1,451
	Intermittent		2,425	2,394	2,394	2,394	2,394	2,394	2,394	2,031	1,813	1,523
Max Flow (GPM)	Continuous		10	12	16	16	16	16	16	16	16	16
	Intermittent		12	13	20	20	20	20	20	20	20	20
Max RPM	Rated		1050	850	650	520	390	310	260	200	156	130
	Continuous		1270	879	740	589	475	370	296	237	189	149
Weight (LBS)	Weight		12	12	13	13	13	14	14	15	15	16

Fluidyne high torque, low speed motors are a “form, fit and function” interchange with Eaton/Charlynn (and other brands) and provide superior performance with:

- Low-pressure start-up with advanced manufacturing techniques
- High-pressure shaft seals for series or parallel applications
- Low noise with propriety fluid distribution system
- Longer life with special driver-link design
- Easy installation with compact design



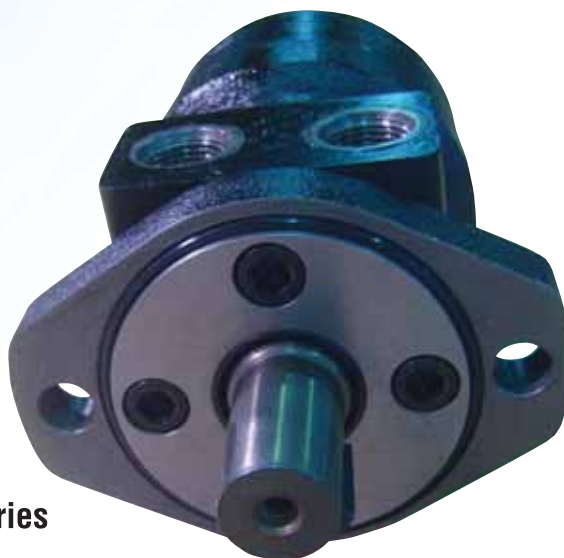
H Series

Fluidyne 103 - S Series

S SERIES

Fluidyne 103 "S" Series 010 Design

			DISPLACEMENT cm ³ /r (in ³ /r)								
Fluidyne			50 cm ³ (3.0)	80 cm ³ (4.9)	100 cm ³ (6.1)	125 cm ³ (7.6)	160 cm ³ (9.6)	200 cm ³ (12.2)	250 cm ³ (15.4)	315 cm ³ (19.2)	370 cm ³ (22.6)
Char-Lynn reference			59 cm ³ (3.6)	74 cm ³ (4.5)	97 cm ³ (5.9)	120 cm ³ (7.3)	159 cm ³ (9.7)	185 cm ³ (11.3)	231 cm ³ (14.1)	293 cm ³ (17.9)	370 cm ³ (22.6)
MOUNTING	SHAFTS	PORTS									
2 BOLT FLANGE MOUNT	1" STRAIGHT WOODRUFF KEY	7/8"-14 O-RING	WF1031537	WF1031034	WF1031035	WF1031538	WF1031036	WF1031037	WF1031038	WF1031039	WF1031040
		1/2" NPTF O-RING	WF1031540	WF1031026	WF1031027	WF1031541	WF1031028	WF1031029	WF1031030	WF1031031	WF1031032
		MANIFOLD	WF1031543	WF1031042	WF1031043	WF1031544	WF1031044	WF1031045	WF1031046	WF1031047	WF1031048
	1" SAE 6B SPLINED	7/8"-14 O-RING	WF1031552	WF1031082	WF1031083	WF1031553	WF1031084	WF1031085	WF1031086	WF1031087	WF1031088
		1/2" NPTF O-RING	WF1031555	WF1031074	WF1031075	WF1031556	WF1031076	WF1031077	WF1031078	WF1031079	WF1031080
4 BOLT FLANGE MOUNT	1" STRAIGHT WOODRUFF KEY	7/8"-14 O-RING	WF1031570	WF1031010	WF1031011	WF1031571	WF1031012	WF1031013	WF1031014	WF1031015	WF1031016
		1/2" NPTF O-RING	WF1031573	WF1031002	WF1031003	WF1031574	WF1031004	WF1031005	WF1031006	WF1031007	WF1031008
	1" SAE 6B SPLINED	7/8"-14 O-RING	WF1031579	WF1031058	WF1031059	WF1031580	WF1031060	WF1031061	WF1031062	WF1031063	WF1031064
		1/2" NPTF O-RING	WF1031582	WF1031050	WF1031051	WF1031583	WF1031052	WF1031053	WF1031054	WF1031055	WF1031056
4 BOLT MAGNETO MOUNT	1" STRAIGHT WOODRUFF KEY	7/8"-14 O-RING	-	WF1032725	WF1033195	WF1033196	WF1033197	WF1031665	WF1033198	WF1033199	-
	1" SAE 6B SPLINED	7/8"-14 O-RING	-	-	WF1032711	-	WF1033176	WF1032750	WF1031652	WF1031653	-
Max Torque (in-lbs)	Continous		884	1,680	2,123	2,582	3,210	3,166	3,113	3,184	3,714
	Intermitent		1,114	1,946	2,476	3,007	3,803	3,962	4,157	4,157	4,847
Max Pressure (PSI)	Continous		2,031	2,539	2,539	2,539	2,394	1,886	1,596	1,233	1,233
	Intermitent		2,539	2,901	2,901	2,901	2,901	2,539	2,031	1,668	1,668
Max Flow (GPM)	Continous		11	16	16	16	16	16	16	16	16
	Intermitent		13	20	20	20	20	20	20	20	20
Max RPM	Rated		755	750	600	475	375	300	240	190	160
	Continous		970	940	750	600	470	375	300	240	200
Weight (LBS)	Weight		15	15	15	16	17	18	19	20	21



S Series

Same Day Shipments

Fluidyne 104 - 2000 Series



2000 Series

2000 SERIES

Fluidyne 104 - 2000 Series

DISPLACEMENT cm³/r (in³/r)

Fluidyne			80 cm ³ (4.9)	100 cm ³ (6.2)	125 cm ³ (7.2)	160 cm ³ (9.6)	200 cm ³ (12.2)	250 cm ³ (15.3)	315 cm ³ (19.2)	394 cm ³ (24.0)	475 cm ³ (29.0)
Char Lynn reference			80 cm ³ (4.9)	100 cm ³ (6.2)	130 cm ³ (8.0)	160 cm ³ (9.6)	195 cm ³ (11.9)	245 cm ³ (14.9)	305 cm ³ (18.7)	395 cm ³ (24.0)	490 cm ³ (29.8)
MOUNTING	SHAFTS	PORTS									
2-BOLT SAE "A" FLANGE MOUNT	1" STRAIGHT W/KEY	7/8"-14 O-RING STAGGARD	WF1041001	WF1041002	WF1041003	WF1041004	WF1041005	WF1041006	WF1041007	WF1041143	-
		1-1/16"-12 O-RING 180° APART	WF1041037	WF1041038	WF1041039	WF1041040	WF1041041	WF1041042	WF1041043	WF1041044	-
	1-1/4" STRAIGHT W/KEY	7/8"-14 O-RING STAGGARD	WF1041022	WF1041023	WF1041024	WF1041025	WF1041026	WF1041027	WF1041028	WF1041228	WF1041420
		1-1/16"-12 O-RING 180° APART	WF1041061	WF1041062	WF1041063	WF1041064	WF1041065	WF1041066	WF1041067	WF1041068	WF1041421
	1-1/4" 14 TOOTH SPLINED	7/8"-14 O-RING STAGGARD	WF1041029	WF1041030	WF1041031	WF1041032	WF1041033	WF1041034	WF1041035	WF1041229	WF1041422
		1-1/16"-12 O-RING 180° APART	WF1041087	WF1041088	WF1041089	WF1041090	WF1041091	WF1041092	WF1041093	WF1041094	WF1041423
4-BOLT SQUARE FLANGE	1-1/4" 14 TOOTH SPLINED	G 1/2 (BSP)	WF1041376	WF1041377	WF1041378	WF1041379	WF1041380	WF1041381	WF1041382	WF1041383	WF1041660
2-BOLT SAE "B" MOUNT	1" SAE 6B SPLINE	7/8" O-RING STAGGARD	WF1041193	WF1041194	WF1041195	WF1041196	WF1041197	WF1041198	WF1041199	WF1041797	-
	7/8" 13 TOOTH		WF1041216	WF1041217	WF1041218	WF1041219	WF1041220	WF1041455	WF1043205	-	WF1043052
4-BOLT MAGNETO MOUNT	1-1/4" STRAIGHT W/KEY	7/8" O-RING STAGGARD	WF1041855	WF1041343	WF1041837	WF1041626	WF1041346	WF1041627	WF1041401	WF1041445	WF1041397
	1-1/4" 14 TOOTH SPLINED		WF1041700	WF1041449	WF1041374	WF1041701	WF1041415	WF1041491	WF1041406	WF1041769	WF1041901
BEARINGLESS		7/8" O-RING STAGGARD	WF1061008	WF1061009	WF1041010	WF1061011	WF1061012	WF1061013	WF1061014	WF1061015	WF1061047
Max Torque (in-lbs)	Continuous		1,990	2,565	3,228	4,292	5,185	6,262	7,783	7,783	8,048
	Intermittent		2,211	2,830	3,538	4,776	5,704	7,128	8,490	8,490	8,490
Max Pressuer (PSI)	Continuous		2,576	2,576	2,576	3,045	3,045	2,900	2,900	2,320	2,030
	Intermittent		3,091	3,091	2,576	3,265	3,265	3,265	3,265	2,563	2,175
Max Flow	Continuous		18	20	20	20	20	20	20	20	20
	Intermittent		21	24	24	24	24	24	24	24	24
Max RPM	Rated		800	748	600	470	375	300	240	185	155
	Continuous		990	900	720	560	450	360	280	225	185
Weight	Weight		22	22	23	24	24	26	27	29	32

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- ▲ ■ 2520, 2521, 3520, 3525, 4520, 4525, 4535 (V/VQ)
- ▲ ■ Cart Kits available for all sizes

*Caterpillar part numbered pumps also available

Round Pumps

- V104/5, V108/9, V110/1, V124/5, V128/9, V134/5
- V144/5, V148/9, V350/3/6, V360/1/2, V368/9/70
- VC108, 138, 148 Combination Pumps

Motors

- MHT 32, 50, 70, 90, 150, 250, 330, 440, 500, 660, 750, 1000
- ▲ ■ 25M, 26M, 35M, 36M, 45M, 46M, 50M

Square Pumps

- ▲ ■ V10 N/F, V20 N/F
- ▲ ■ V10, V20, V2010, V2020

Piston Pumps

- ▲ ■ PVH 57, 74, 98, 131, 141
- ▲ ■ PVE 12, 19, 21, 27, 35, 47, 62
- MVE 12, 15, 19, 21
- MFE 15, 19
- ▲ ■ (M) PVB / (M) FB 5, 6, 10, 15, 20, 29, 45, 90

Transmissions

- TA, 15, 19, 1919, 19V

RACINE

- ▲ ■ PSV 10, 15, 20, 25, 40
- ▲ ■ PSV 80, 100
- ■ PVF, PVQ, PVR
- ■ PVK, PVT, PVS

CHAR-LYNN

- ▲ H Series
- ▲ S Series
- ▲ 1000, 2000 Series
- 4000, 6000 Series

DENISON

- T6
- M4C, M4D, M4E
- PV 6, 10, 15, 20, 29

REXROTH

- ▲ ■ A10V (S) 018
- ▲ ■ A10V 28, 45, 71, 100, 140

OILGEAR

- PVW (W) (H) 06, 10, 15, 20, 34, 45, 60

VELJAN

- ◆ VT6C, VT6D, VT6E, T7
- ◆ VT6CC, VT6DC, VT6EC, VT6ED
- ◆ VM4C, VM4D

VALVES

Pressure Controls

- X (C) G or T 03, 06, 10
- ▲ ■ DGM STAK

Check Valves

- CG5
- 4CT, 4CG
- DT8P1
- ▲ ■ Sandwich, flow, pressure and Check Modules for D03 & D05

*We also carry remanufactured Relief, Racine & Double "A" valves

Directional Valves

- ▲ ■ D03-DG4V3, D05
- ▲ ■ D08-DG5S4, DG5S8
- ▲ ■ DG17S/V 03, 06

Needle Valves

- ▲ ■ 1/8, 1/4, 3/4, 1 1/2

Relief Valves

- CT / CG / CS / CF 03, 06, 10

FILTERS

WFD has a full range of replacement filter elements and filter housings for:

- Pall
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- Hycon
- Hydac
- Vickers
- Parker

*Manufacturers names and numbers are for reference only

Western
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