

Series **F/SBF** | For Booster Hose

To handle 3/4" or 1" I.D. hose.

- Standard booster hose reel is steel, painted graphite. Aluminum or stainless steel construction is also available.
- Super Booster® (SBF) polished aluminum construction reel weighs up to 30% less than standard booster reel. Prefix complete model number with "SB" when ordering. See Note 6 on page 7.
- Gear-driven crank rewind is standard. Choose chain and sprocket drive powered by electric, hydraulic or compressed air motor.
- Pinion brake standard.
- Standard inlet: 1" 90° ball bearing swivel joint with 1" female NPT threads.
- Standard outlet: 1" male NST threads. (1.375" x 8 threads per inch.)
- Consult factory for other sizes and/or threads.
- Standard inlet, outlet riser, and hub assembly are steel (also available in stainless steel).
- Rollers and roller mounting brackets are accessory items. Specify roller position.
- Pressures to 1000 psi (69 bar).
- Temperatures from -25°F to +250°F (-32°C to +121°C).
- Consult factory for reels to operate at other pressures and temperatures.



Shown with optional red finish and optional roller and spool assembly



Twin Fire Reel Conversion Kit is also available. Refer to page 10.

CAUTION: When using Niedner hose, a special riser and/or larger drum diameter is required.

See chart for capacity on page 20, or consult factory.

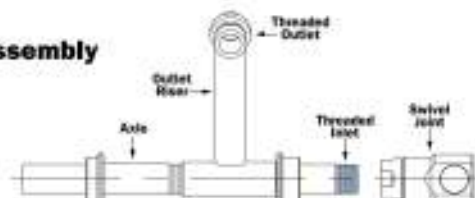
Hub Assembly Options

The hub assembly is the heart of the hose reel. It includes the outlet riser, the reel axle, and the threaded inlet to which the swivel joint is attached. The swivel joint permits the reel to rotate freely while connected to the fluid source.

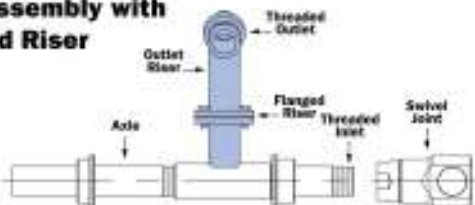
The outlet riser is engineered to conform to the contour of the drum so the hose lies smoothly against the drum without kinking. Smooth interior surfaces are flow-contoured for unrestricted flow and minimal pressure loss through the reel.

A 2-way flow hub assembly is available on certain models as an option. On this assembly, the reel axle is threaded on both ends so the swivel joint can be attached at either end to match piping. A pipe cap is supplied to seal the opposite end.

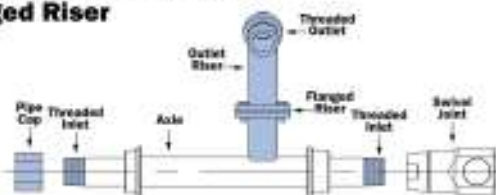
Standard Hub Assembly



Standard Hub Assembly with Optional Flanged Riser



Optional 2-Way Hub Assembly with Optional Flanged Riser



PARTS DRAWING: SERIES F – ISO 84; SERIES SBF SUPER BOOSTER® – ISO 122

Model Number <small>For power rewind see Note 5</small>	Hose Capacity of Reel feet (m)			Approx. Weight Crank Rewind lb. kg <small>see Note 4</small>				Reel Dimensions*** in. mm									
	I.D. in. mm	1/8 19	1 25	STEEL		ALUMINUM <small>see Note 6</small>		A	B	D	E	F CRANK	F POWER	G	H	X	Y
	O.D. in. mm	1-9/32 33	1-1/2 38	NET	SHIP	NET	SHIP										
*F32-19-21	175	85	102	144	80	122		29.5	24	20.5	21.62	34.25	34.38	21.5	12.12	21.5	16.75
	53	26	46	65	36	55		749	610	521	549	870	873	546	308	546	425
*F24-23-24	150	125	92	134	75	117		21	15.5	20.5	23	25.75	25.88	23.5	12.12	13	16.75
	46	38	42	61	34	53		533	394	521	584	654	657	597	308	330	425
*F30-23-24	225	200	105	147	82	124		27.5	22	20.5	23	32.25	32.38	23.5	12.12	19.5	16.75
	68	61	48	67	37	56		699	559	521	584	819	822	597	308	495	425
F38-23-24	300	250	120	162	92	134		35	29.5	20.5	23	39.75	41.75	23.5	12.12	27	16.75
	91	76	54	73	42	61		889	749	521	584	1010	1060	597	308	686	425
F28-25-26	275	175	113	155	87	129		25.5	20	25.5	24.75	30.25	32.25	27.88	15.5	17.5	21.75
	84	53	51	70	39	59		648	508	648	629	768	819	708	394	445	552
F34-25-26	350	250	126	168	93	135		31.5	26	25.5	24.75	36.25	38.25	27.88	15.5	23.5	21.75
	107	76	57	76	42	61		800	660	648	629	921	972	708	394	597	552
*F16.5-30-31	175	125	100	150	80	130		13.5	8	25.5	28.75	18.25	18.38	29.88	15.5	5.5	21.75
	53	38	45	68	36	59		343	203	648	730	464	467	759	394	140	552
*F20-30-31	250	150	107	157	83	133		17	11.5	25.5	28.75	21.75	21.88	29.88	15.5	9	21.75
	76	46	49	71	38	60		432	292	648	730	552	556	759	394	229	552
F24-30-31	350	250	113	163	87	137		21	15.5	25.5	28.75	25.75	27.75	29.88	15.5	13	21.75
	107	76	51	74	39	62		533	394	648	730	654	705	759	394	330	552
F28-30-31	-	300	121	171	90	140		25.5	20	25.5	28.75	30.25	32.25	29.88	15.5	17.5	21.75
	-	91	55	78	41	64		648	508	648	730	768	819	759	394	445	552
F34-30-31	-	350	134	184	97	147		31.5	26	25.5	28.75	36.25	38.25	29.88	15.5	23.5	21.75
	-	107	61	83	44	67		800	660	648	730	921	972	759	394	597	552
F20-33-34	300	200	107	157	83	133		16.5	11.5	31.5	31.75	21.12	23.25	33.62	17.75	9	27.75
	91	61	49	71	38	60		419	292	800	806	536	591	854	451	229	705

Notes:

- Specifications subject to change.
- A 2-way flow hub is available and must be specified. Assembly is threaded on both ends so swivel joint can be attached at either end of the reel. A pipe cap seals the opposite end. (See Ordering & Accessory Guide.)
- Upon request, reels can be supplied with drum lengths other than shown and with disc sizes in other diameters.
- Weights shown in chart are for crank rewind models. ADD these amounts for power rewind models:

	Net lbs./kg	Ship lbs./kg
Electric	40/18.1	40/18.1
Hydraulic	20/9.1	20/9.1
Air	20/9.1	20/9.1
- When ordering power rewind models, prefix model number with:
 - A** = Air Rewind – supplied with control valve and 18" air hose.
 - E** = Electric Rewind (1/3 HP)
 - EP** = Electric Rewind (1/2 HP) – 12v and 24v DC rewind reels supplied with switch and solenoid. 115v AC rewind reels are not supplied with switch, but can be ordered separately.
 - HD** = Hydraulic Rewind – not supplied with control valve.
- For polished aluminum reels, prefix complete model number with "SB" (for example: SBF 32-19-21).
- When installing RH-3 rollers, add 4-1/2" to the "D" dimension.
- Be sure to check dimensions and weights prior to ordering.**

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint.
 *The "T" dimension for these models is shown for 1/3 HP motors. Add 2" to "T" dimension for 1/2 HP motors. The "F" dimension for all other reels is shown for 1/2 HP. Reels handling 175' or more must use 1/2 HP motor. (Use prefix EP when ordering.)

*** X, Y indicate mounting holes.

