

Series **SF/SBSF** | For Booster Hose

• **Inboard Mounted Motor**

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

- Inboard motor location high profile.
- Standard booster hose reel is steel, painted graphite. Aluminum or stainless steel construction is also available.
- Super Booster (SBSF) 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 9.
- Choose chain and sprocket rewind powered by either electric 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 -40° F to +400° F (-40° C to +204° C).
- Consult factory for other pressures and temperatures.

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

See chart for capacity on page 18, or consult factory.



Standard configuration shown with Manual Rewind

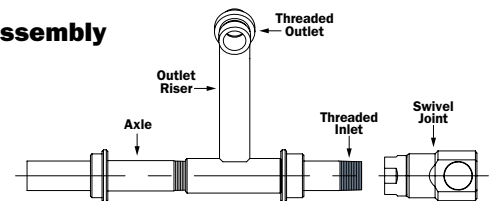
Hub Assembly Options

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.

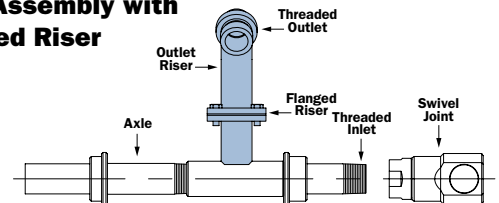
The outlet riser is engineered to conform to the contour of the drum so the hose lies smoothly against the drum without kinking. Smooth interior surfaces are flow-contoured for unrestricted flow and minimal pressure loss through the reel.

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.

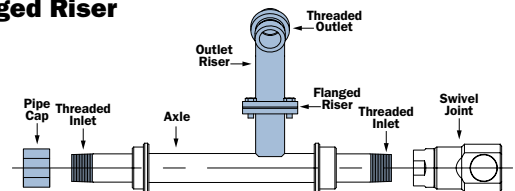
Standard Hub Assembly



Standard Hub Assembly with Optional Flanged Riser



Optional 2-Way Hub Assembly with Optional Flanged Riser



For Booster
Hose

Series SF/SBSF

• Inboard Mounted Motor

PARTS DRAWING – ISO 220

Model Number For power rewind see Note 5	Hose Capacity of Reel feet m			Approx. Weight Crank Rewind lb. kg see Note 4				Reel Dimensions*** in. mm								
	I.D. in. mm	3/4 19	1 25	STEEL		ALUMINUM see Note 6		A	B	D	E	F	G	H	X	Y
				NET	SHIP	NET	SHIP									
SF32-19-21	175	85		102	144	80	122	29	24	20.5	21.62	34	25.12	15.75	21.5	16.75
	53	26		46	65	36	55	737	610	521	549	864	638	400	546	425
SF24-23-24	150	125		92	134	75	117	20.5	15.5	23.5	23	25.5	29.25	17.88	13	19.75
	46	38		42	61	34	53	521	394	597	584	648	743	454	330	502
*SF30-23-24	225	200		105	147	82	124	27	22	23.5	23	32	29.25	17.88	19.5	19.75
	68	61		48	67	37	56	686	559	597	584	813	743	454	495	502
*SF28-25-26	275	175		113	155	87	129	25	20	25.5	24.75	30	30.88	18.5	17.5	21.75
	84	53		51	70	39	59	635	508	648	629	762	784	470	445	552
*SF34-25-26	350	250		126	168	93	135	31	26	25.5	24.75	36	30.88	18.5	23.5	21.75
	107	76		57	76	42	61	787	660	648	629	914	784	470	597	552
SF16.5-30-31	175	125		100	150	80	130	13	8	29	28.75	18	35.62	21.25	5.5	25.25
	53	38		45	68	36	59	330	203	737	730	457	905	540	140	641
SF20-30-31	250	150		107	157	83	133	16.5	11.5	29	28.75	21.5	35.62	21.25	9	25.25
	76	46		49	71	38	60	419	292	737	730	546	905	540	229	641
*SF24-30-31	350	250		113	163	87	137	20.5	15.5	29	28.75	25.5	35.62	21.25	13	25.25
	107	76		51	74	39	62	521	394	737	730	648	905	540	330	641
*SF28-30-31	-	300		121	171	90	140	25	20	29	28.75	30	35.62	21.25	17.5	25.25
	-	91		55	78	41	64	635	508	737	730	762	905	540	445	641
*SF34-30-31	-	350		134	184	97	147	31	26	29	28.75	36	35.62	21.25	23.5	25.25
	-	107		61	83	44	67	787	660	737	730	914	905	540	597	641
*SF20-33-34	300	200		117	167	90	140	16.5	11.5	31.5	31.75	21.12	38.12	22.25	9	27.88
	91	61		53	76	41	64	419	292	800	806	536	968	565	229	708

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 (does not apply to FedEx or UPS):

	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: SBESF32-19-21).
- All frames are rollformed channel, except Super Booster®, which is square tubing.
- 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.

* Reels handling 175' or more of 1" must use 1/2 HP motor.

*** X, Y indicate mounting holes.

