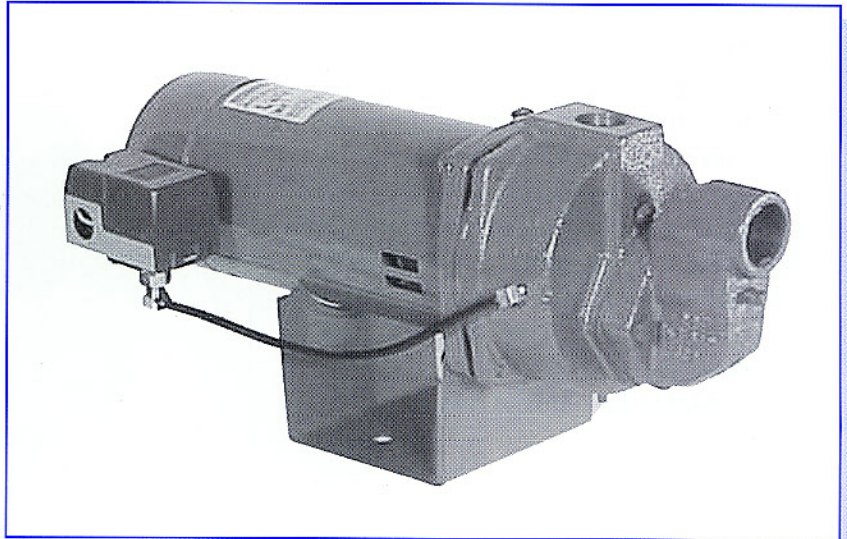


# Betta FLO

## SW SERIES: SHALLOW WELL JET PUMPS

The SW Series feature versatile design for continuous high capacity operation. Ratings are within the electrical motor capabilities. Rugged cast iron construction with bolt-on shallow well adaptors. All units are provided with clean out ports and are tapped for air volume control, and drains are bottom located. Molded closed impeller and high impact diffuser provided for greater efficiency. Pumps are close coupled to square flange motors. This series is intended for use in homes and farms.



### QUALITY FEATURES

#### ELECTRIC MOTORS:

NEMA Standard, single phase, 3500RPM, 60Hz, Capacitor Start, dual ball bearings, with automatic reset overload protection. Motors are dual voltage with voltage change switch. Square flange motors provide for simple back pull out for service without disturbing pipe connections.

#### IMPELLERS:

Closed impeller design molded of NORYL® GE.TM for peak efficiency. This design assures smooth performance.

#### MECHANICAL SEALS:

Carbon/Ceramic faces, Buna elastomers, and 300 series stainless steel. Optional seals are available.

#### GASKETS:

All pumps feature the proper gaskets for better sealing and simplified maintenance.

## PERFORMANCE RATINGS

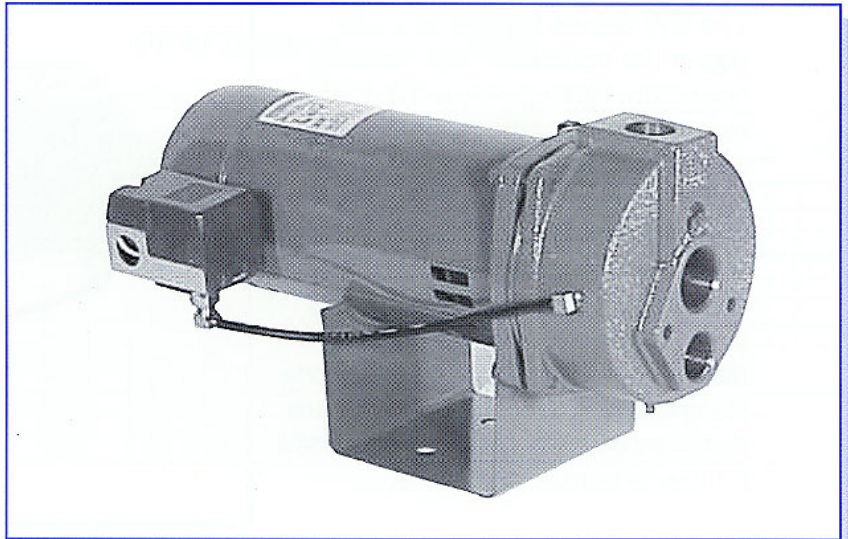
MODEL	ORDER No.	HP	SINGLE PHASE Volts.	NPT INCH		DEPTH TO WATER Feet	TUBE & NOZZLE NUMBER	DISCHARGE PRESSURE PSI					SHUT OFF PSI	WEIGHT Lbs.
				Suct.	Disc.			10	20	30	40	50		
SW50	1450	1/2	115/230	1 1/4	3/4	5	309/80145	756	756	642	390	180	58	40
						10		708	708	606	360	114	55	
						15		612	606	540	276	30	51	
						20		474	474	462	222		47	
						25		378	366	360	150		43	
SW75	1451	3/4	230/115	1 1/4	3/4	5	309/10190	1344	1388	1020	660	288	57	45
						10		1224	1224	960	576	192	54	
						15		1080	1074	846	468	72	51	
						20		834	828	744	372		48	
						25		630	624	624	282		45	
SW100	1452	1	230/115	1 1/4	3/4	5	309/10200	1524	1518	1170	792	414	58	50
						10		1428	1422	1134	744	348	55	
						15		1212	1206	1020	648	210	53	
						20		948	972	942	522	30	50	
						25		744	744	732	468		46	

Specifications are subject to change without notice.

# Betta FLO

## SF SERIES: DEEP WELL JET PUMPS

The economical SF Series deep well jet pumps are available in 1/2 thru 1HP. This series features cast iron pump housing directly coupled to square flanged motors. Molded closed impeller design provide for greater efficiencies. Drain plugs are bottom located. This series can be used on 2", 3", 4" or larger diameter deep wells. Bolt-on ejectors are also available for shallow well or booster application.



### QUALITY FEATURES

#### ELECTRIC MOTORS:

NEMA Standard, single phase, 3500RPM, 60Hz, Capacitor Start, dual ball bearings, with automatic reset overload protection. Motors are dual voltage with voltage change switch. Square flange motors provide for simple back pull out for service without disturbing pipe connections.

#### IMPELLERS:

Closed impeller design molded of NORYL® GE.TM for peak efficiency. This design assures smooth performance.

#### MECHANICAL SEALS:

Carbon/Ceramic faces, Buna elastomers, and 300 series stainless steel. Optional seals are available.

#### GASKETS:

All pumps feature the proper gaskets for better sealing and simplified maintenance.

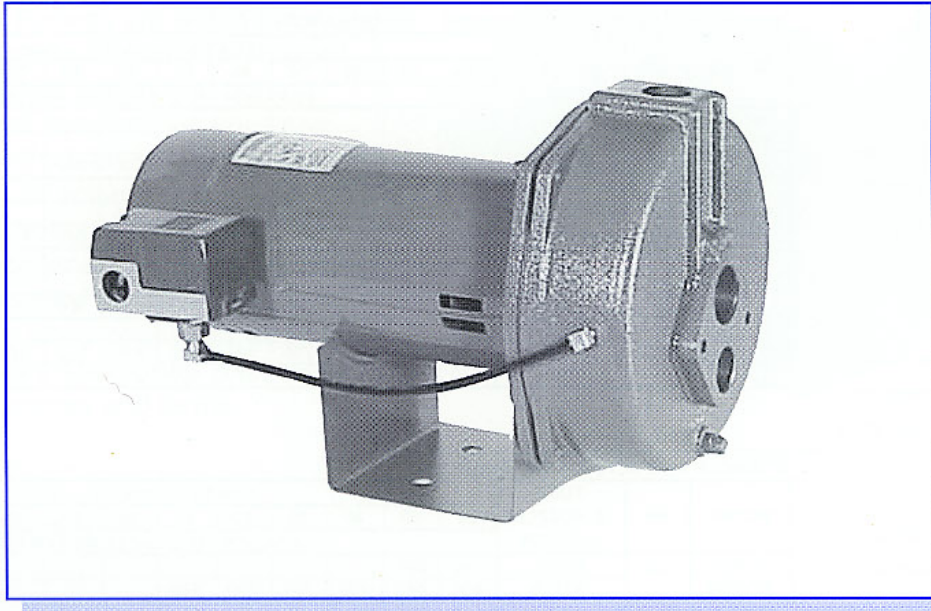
### PERFORMANCE RATINGS

MODEL	ORDER No.	HP	SINGLE PHASE Volts.	NPT INCH		SUCTION LIFT FEET	TUBE & NOZZLE NUMBER	DISCHARGE PRESSURE PSI					SHUT OFF PSI	WEIGHT Lbs.
				Suct.	Disc.			10	20	30	40	50		
								CAPACITY - U.S.GALLONS PER HOUR						
SF50	15011	1/2	115/230	1 1/4	3/4	5	SW80145	690	672	672	582	366	64	40
						10		635	624	612	534	330	62	
						15		552	540	534	510	264	60	
						20		432	426	426	414	186	58	
						25		306	306	306	306	114	56	
SF75	15014	3/4	230/115	1 1/4	3/4	5	SW80160	876	870	870	738	438	60	45
						10		876	870	870	738	384	58	
						15		804	804	804	720	294	56	
						20		642	642	636	606	156	54	
						25		444	444	432	420	72	50	
SF100	15016	1	230/115	1 1/4	3/4	5	SW80170	942	936	930	912	576	60	50
						10		942	936	930	912	552	58	
						15		903	894	894	858	408	56	
						20		702	696	696	690	216	53	
						25		504	516	510	504	72	51	

Specifications are subject to change without notice.

# Betta FLO

## SFH SERIES: CONVERTIBLE JET PUMPS FOR SHALLOW WELL OR DEEP WELL WATER SYSTEM



SFH Series convertible jet pumps feature a versatile “bolt-on” jet for a wide range of applications providing optimum performance on 2”, 3” and 4” wells. Self-priming on shallow well applications and convertible for deep wells. This series offers a rugged cast iron construction. Closed impeller designed for efficiency. Impellers are available in Brass or glass filled NORYL. Pumps are close coupled to heavy-duty square flange NEMA motors.

### PERFORMANCE RATINGS

MODEL	ORDER No.	HP	SINGLE PHASE Volts.	NPT INCH		TUBE & NOZZLE NUMBER	DISCHARGE PRESSURE PSI	DEPTH TO WATER Feet					WEIGHT Lbs.
				Suct.	Disc.			5	10	15	20	25	
								CAPACITY - U.S. GALLONS PER MINUTE					
SFH50 SFH50B	1626	1/2	115/230	1 1/4	1	SW80145	20	15	13	11	9	7.5	51
	30						15	13	11	9	7.5		
	40						14	11	9.5	8.5	7		
	50						8	6.5	6	4.5	3.5		
SFH75 SFH75B	1627	3/4	230/115	1 1/4	1	SW80170	20	22.5	20.5	18	15	11	52
	30						22.5	20.5	18	15	11		
	40						22	20.5	18	15	11		
	50						15	14.5	13	10.5	9		
SFH100 SFH100B	1628	1	230/115	1 1/4	1	SW80190	20	27.5	25	21	17.5	13	55
	30						27.5	25	32	17.5	13		
	40						27	24	21	17.5	13		
	50						19	17.5	16.5	15	10		
SFH150 SFH150B	1629	1 1/2	230/115	1 1/4	1	SW80210	30	32	32	28	23	18	61
	40						32	32	28	23	18		
	50						22.5	22.5	20	17.5	16		

B" Models are equipped with brass impeller.

*Specifications are subject to change without notice.*

# Betta FLO

## SFH SERIES: CONVERTIBLE JET PUMPS FOR SHALLOW WELL OR DEEP WELL WATER SYSTEM

### PERFORMANCE RATINGS

#### QUALITY FEATURES:

##### PRESSURE SWITCHES:

Heavy-duty pressure switch has been selected to conform to rigid specifications for precision, no-drift operation. Standard features include straight through wiring, rustproof cover and simple adjustment.

##### DIFFUSERS:

The unique diffuser is cast iron accurately-engineered, smooth water passage for peak efficiency and economy in operation.

##### IMPELLERS:

Closed impellers design for peak efficiency. This design assures smooth performance.

##### ELECTRIC MOTORS:

NEMA standard single phase, dual voltage, 3500RPM, 60Hz, capacitor start, dual ball bearings, built in overload with automatic reset. Square flanged motors provide for simple back pull out for servicing without disturbing pipe connections.

##### GASKETS:

All pumps feature the proper gaskets for better sealing and simplified maintenance.

#### 4" DUAL PIPE JETS - 1 1/4" SUCTION - 1" DISCHARGE

MODEL	HP	TUBE & NOZZLE NUMBER	DEPTH TO WATER - Feet															
			20	30	40	50	60	70	80	90	100	110	120	130	140			
			CAPACITY - U.S. GALLONS PER HOUR															
SFH50	1/2	80145	860	655														
SFH50B		80130	600	600	600	460	300											
		80110	480	480	480	380	300	260	200	180								
SFH75	3/4	80160	1020	900	885													
SFH75B		80130	660	660	660	600	510	415	325									
		80110	480	480	480	480	460	440	400	372	860	210	180					
SFH100	1	80170	1100	890	720													
SFH100B		80140	860	860	860	720	610	510	400									
		80120	570	570	570	570	500	460	428	400	372	360	330					
SFH150	1 1/2	80170	1200	930	740	490												
SFH150B		80140	860	860	860	750	620	525	440	330	240	150						
		80120	570	570	570	570	570	500	460	440	420	410	400	225	170			

#### 2" SINGLE PIPE JETS - 1 1/4" SUCTION

MODEL	HP	TUBE & NOZZLE NUMBER	DEPTH TO WATER - Feet															
			20	30	40	50	60	70	80	90	100	110	120	130	140			
			CAPACITY - U.S. GALLONS PER HOUR															
SFH50	1/2	80130	790	699														
SFH50B		80110	460	460	400	360	290	180										
SFH75	3/4	80130	600	600	600	540	480	400										
SFH75B		80110	460	460	460	460	440	400	380	360	280	180						
SFH100	1	80140	800	800	800	700	580	500	360									
SFH100B		80120	560	560	560	560	480	440	400	380	360	300	280					
SFH150	1 1/2	80140	820	820	730	600	520	420	300	200								
SFH150B		80120	570	570	570	570	500	440	420	400	380	340	300					

#### 3" SINGLE PIPE JETS - 1 1/2" SUCTION

MODEL	HP	TUBE & NOZZLE NUMBER	DEPTH TO WATER - Feet															
			20	30	40	50	60	70	80	90	100	110	120	130	140			
			CAPACITY - U.S. GALLONS PER HOUR															
SFH50	1/2	80145	860	655														
SFH50B		80130	600	600	600	460	300											
		80110	480	480	480	380	300	260	200	180								
SFH75	3/4	80160	1020	900	885													
SFH75B		80130	660	660	660	600	510	415	325									
		80110	480	480	480	480	460	440	400	372	860	210	180					
SFH100	1	80170	1100	890	720													
SFH100B		80140	860	860	860	720	610	510	400									
		80120	570	570	570	570	500	460	428	400	372	360	330					
SFH150	1 1/2	80170	1200	930	740	490												
SFH150B		80140	860	860	860	750	620	525	440	330	240	150						
		80120	570	570	570	570	570	500	460	440	420	410	400	225	170			



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