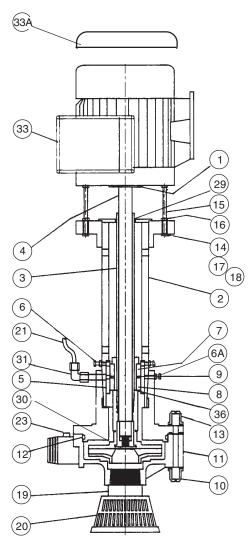
SERIES 'HB' ALL PLASTIC SUMP PUMP

¹ For pumps built before 12/1/87; order Carbon Graphite PN 44-1973 or glass filled TFE (Rulon) PN 44-1975 (2 req'd) instead of Items 7 & 8. Items 3 & 30 are both required for replacement of either impeller or shaft sleeve.

² For pumps built before 8/01, order drive shaft sleeve (Item 3), PN 43-0025-(pump length) and remove '1' from impeller assembly PN (Item 30).

Refer to Bulletin P-302, Operation and Service Guide O-891 and Master Price List F-800. Refer to Pump Serial No. or to your invoice for date of manufacture.

SINGLE BEARING PUMPS



* Recommended Spare Parts NOTE: Items 5 & 6 included in Item 2.

1725 & 3450 RPM								
Buil	t between 12/1/87 & 5/2003	PART NUMBERS						
		LENGTH OF PUMP						
ITEM	DESCRIPTION	2 FT.	3 FT.	4 FT. 1725 RPM				
1	Slinger washer - Neoprene	55-0140						
2	Column - complete (standard)							
	w/vapor seal mounting plate w/Hi temp pump end & vapor seal mtg. plate	43-00222 43-00242		43-0022 4A 43-0024 4A				
	NOTE: Items 5 & 6 included in item 2.	40 00Z4Z	40 00240	40 0024 4A				
1,23	Drive shaft sleeve, - CPVC (standard)		43-00303	43-00304A				
4	Drive shaft	43-00042	43-00043	43-00044				
5 6	Casing liner, ceramic Hex bolt, 1/4"-20 x 3/4" - titanium, standard (2 req'd)	44-1979 33-0044						
	1/4"-20 x 1" - Hastelloy C (3 req'd)	11-0459						
	Lock nut, 1/4" - titanium, standard (3 req'd)		11-0334					
6A	- Hastelloy C Hex bolt, ¼"-20 x 1" - titanium (std) (1 req'd)	11-0458 11-0335						
¹ 7*	Ring, helix groove RH (1 req'd) - carbon graphite	44-1974						
	- Rulon (glass filled TFE)		44-1976					
18*	Ring, helix groove LH (1 req'd) - carbon graphite		44-1973					
9	- Rulon (glass filled TFE) Bearing spacer - CPVC		44-1975 44-1977					
10	Cap nut - CPVC (6 reg'd)		44-2682					
	'O'-ring - EPDM, standard (18 req'd)		22-0569					
11	- Viton Suction casing - CPVC NPT		22-0568 43-0001					
''	BSP		43-0001					
12	Suction casing 'O'-ring -EPDM		22-0545					
	-Viton		22-0544					
13	Cap nut stud, - CPVC and stn. stl. (6 req'd) - for Hi temp pump end only		44-3197 44-1978					
14	Hex nut, 3/8"-16 - stainless steel (8 reg'd)		11-0105					
15	Stud 3/8"-16x 51/2" long - stainless steel (4 req'd)	11-0160						
16	Lock nut, 3/8"-16 - nylon insert (4 req'd)		11-0519					
17	Flat washer, 3/8" size - stainless steel (8 req'd) Lock washer, 3/8" size - stainless steel (4 req'd)		11-0126 11-0140					
19	Nipple 2" NPT x close - CPVC	33-1029						
20	Suction strainer - polyethylene		99-07441					
21	Tubing ¼" O.D polypropylene (per foot)	44-1612						
23	Plug ¼" NPT - CPVC		33-0856					
28	Hose connector, straight - polypropylene (not shown) Mounting plate, ¾" thick - PVC (optional, not shown)		33-1074					
20	20" square		43-0014					
	20" round		43-0015					
29	Vapor seal -TFE New style (w/"O"-ring) Old style		22-0848 55-0567					
^{1,2} 30	Impeller assembly - CPVC 3½" diameter		43-07351					
	3-7/8" "		43-07341					
	4-3/8" " 5" "		43-07331					
	5½" "	43-07321 43-07311						
31	Hose conn. elbow, ¼" NPT - polypropylene		44-1605					
33	Motor -TEFC, 230/460V/3/50-60 - 3450 RPM			_				
	1½ HP 66-1021 2 HP 66-1020	3450 c	or 1725	_				
	3 HP 66-1019		-	_				
	5 HP 66-1018	sel	ect	_				
	7½ HP 66-1017 - TEFC 230/460V/3/50-60 - 1725 RPM	a	S					
	3/4 HP 66-1030			1725				
	1 HP 66-1031 1½ HP 66-1032	required only		select				
	- TEFC 115/230V/1/60 -1725 RPM 1 HP 66-1043			as required				
33A	Motor drip cover ass'y. (optional)							
	- Motors with steel fan covers (1 & 1½ HP)		66.1100					
	(1 & 1½ HP) (2, 3, 5, 7½ HP)		66-1120 66-10181					
	- Motors with plastic fan covers							
	(2 HP) (3, 5, 7½ HP)		66-7005					
36	'O'-ring - EPDM (standard)		66-7006 22-0605					
	- Viton		22-0604					

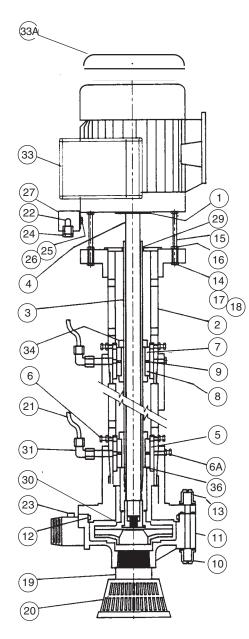
¹ For pumps built before 12/1/87; order Carbon Graphite PN 44-1973 or glass filled TFE (Rulon) PN 44-1975 (2 req'd) instead of Items 7 & 8. Items 3 & 30 are both required for replacement of either impeller or shaft sleeve.

² For pumps built before 8/01, order drive shaft sleeve (Item 3), PN 43-0025-(pump length) and remove '1' from impeller assembly PN (Item 30).

Refer to Bulletin P-302, Operation and Service Guide O-891 and Master Price List F-800.

Refer to Pump Serial No. or to your invoice for date of manufacture.

DOUBLE BEARING PUMPS



* Recommended Spare Parts NOTE: Items 5 & 6 included in Item 2. Item 34 included in Item 3.

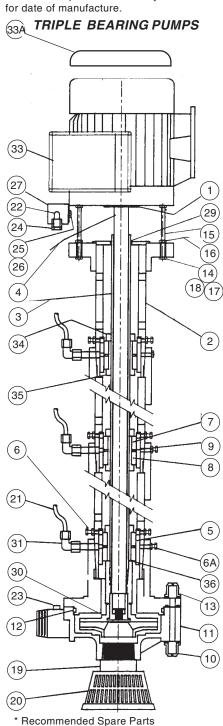
		PART NUMBERS			
ITEM	DESCRIPTION	4 FT.	LENGTH OF PUMP		
IIEW		3450 RPM	5 FT.	6 FT.	1725 RPM
1 2	Slinger washer - Neoprene		55-0	140	
2	Column - complete (standard) w/vapor seal mounting plate	43-00224	43-00225	43-00226	43-00227
	w/Hi temp pump end & vapor seal mtg. plate	43-0024 4	43-00245	43-00246	43-00247
^{1,2} 3	NOTE: Items 5 & 6 included in item 2.				
3	Drive shaft sleeve, - CPVC (standard) NOTE: Item 34 included in item 3.	43-00304	43-00305	43-00306	43-00307
4	Drive shaft	43-0004 4		43-00046	
5	Casing liner, ceramic (2 req'd)		44-19	979	'
6	Hex bolt, ¼"-20 x ¾"- titanium, standard (4 req'd) ¼"-20 x 1" - Hastelloy C (6 req'd)	33-0044			
	Lock nut, 1/4" - titanium, standard (6 reg'd)	11-0459 11-0334			
	- Hastelloy C	11-0458			
6A 17*	Hex bolt, ¼"-20 x 1" - titanium (std) (2 req'd)	11-0335			
/	Ring, helix groove RH (2 req'd) -carbon graphite - Rulon (glass filled	I 44-1974 TFE) 44-1976			
18*	Ring, helix groove LH (2 req'd) - carbon graphite	44-1973			
	- Rulon (glass filled	TFE)	44-19		
9	Bearing spacer - CPVC (2 req'd) Cap nut - CPVC (6 req'd)	44-1977 44-2682			
'0	'O'-ring - EPDM, standard (18 req'd)		22-05		
	- Viton		22-05	568	
11	Suction casing -CPVC NPT BSP		43-00 43-00		
12	Suction casing 'O'-ring -EPDM (standard)		22-05		
	-Viton		22-05	544	
13	Cap nut stud, - CPVC & stn. stl. (6 req'd)		44-3		
14	for Hi temp pump end only Hex nut, 3/8"-16 - stainless steel (8 req'd)		44-19 11-0		
15	Stud 3/8"-16 x 5½" - stainless steel (4 req'd)		11-0		
16	Lock nut, 3/8"-16 - nylon insert (4 req'd)		11-05		
17	Flat washer, 3/8" size - stainless steel (8 req'd)		11-0		
18 19	Lock washer, 3/8" size - stainless steel (4 req'd) Nipple 2" NPT x close - CPVC		11-0 ⁻ 33-10		
20	Suction strainer - polyethylene		99-07		
21	Tubing ¼" O.D polypropylene, per foot		44-16		
22	Hose connector, elbow - polypropylene		44-16		
23	Plug ¼" NPT - CPVC		33-0856		
25	Hose connector, straight - polypropylene (2 req'd) Hex bolt, 3/8"-16 x 3/4" long - stainless steel		33-10 11-03		
26	Bracket - steel		43-00		
27	Manifold - CPVC		43-00		
28	for use w/optional mounting plate Mounting plate, ¾" thick - PVC (opt not shown)		43-00)1 /	
20	20" square		43-00	014	
	20" round		43-00		
29	Vapor seal -TFE New style (w/"O"-ring) Old style		22-08 55-08		
^{1,2} 30	Impeller assembly - CPVC 3½" diameter		43-07		
	3-7/8" "		43-07		
	4-3/8" " 5" "		43-07 43-07		
	5½" "		43-07	731 1	
31	Hose conn. elbow, ¼" -polypropylene (2 req'd)		44-16	305	
33	Motor -TEFC, 230/460V/3/50-60 - 3450 RPM 1½ HP 66-1021	0.450	0.450	* 1705	
	2 HP 66-1020	3450 only	3450 d	r 1 / 25	
	3 HP 66-1019	select as	sel	ect	
	5 HP 66-1018 7½ HP 66-1017	required			
	- TEFC 230/460V/3/50-60 - 1725 RPM		a	S	1725
	3/4 HP 66-1030 1 HP 66-1031		requ	ired	only
	1 HP 66-1031 1½ HP 66-1032				select
	- TEFC 115/230V/1/60 -1725 RPM				asrequired
33A	1 HP 66-1043 Motor drip cover ass'y. (optional)				
JOA	- Motors with steel fan covers (1 & 1½)		66-1	120	
	(2,3,5,7½ HP)		66-1	0181	
	- Motors with plastic fan covers (2 HP) (3, 5, 7½ HP)		66-70 66-70		
34	Set collar - CPVC		44-10		
-	Set screw ¼"-20 x ¼" long - titanium, std (4 req'd)		11-0	476	
36	- Hastelloy C 'O'-ring - EPDM (standard)		11-0		
30	- Viton		22-0 22-0		
	**		22 0		

¹ For pumps built before 12/1/87; order Carbon Graphite PN 44-1973 or glass filled TFE (Rulon) PN 44-1975 (2 req'd) instead of Items 7 & 8. Items 3 & 30 are both required for replacement of either impeller or shaft sleeve.

² For pumps built before 8/01, order drive shaft sleeve (Item 3), PN 43-0025-(pump length) and remove '1' from impeller assembly PN (Item 30). Refer to Bulletin P-302, Operation and

Service Guide O-891 and Master Price List F-800.

Refer to Pump Serial No. or to your invoice for date of manufacture



IIEW	DESCRIPTION	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.
1	Slinger washer - Neoprene			55-0140		
2	Column - complete (standard)					
	w/vapor seal mounting plate		43-0022 9		43-0022 11	43-0022 12
	w/Hi temp pump end & vapor seal mtg. plate	43-0024 8	43-0024 9	43-0024 10	43-0024 11	43-0024 12
	NOTE: Items 5 & 6 included in item 2.					
^{1,2} 3	Drive shaft sleeve, - CPVC (standard)	43-0030 8	43-0030 9	43-0030 10	43-0030 11	43-0030 12
	NOTE: Items 34 & 35 included in item 3.					
4	Drive shaft	43-0004 8	43-0004 9	43-0004 10	43-0004 11	43-0004 12
5	Casing liner, ceramic (3 req'd)			44-1979		
6	Hex bolt, 1/4"-20 x 3/4" - titanium, std. (6 req'd)	33-0044			- 1	
	1/4"-20 x 1" - Hastelloy C (9 req'd)			11-0459		- 1
	Lock nut, 1/4" - titanium, std. (9 req'd) - Hastelloy C			11-0334 11-0458		- 1
6.4	Hex bolt, ¼"-20 x 1" - titanium (std) (3 req'd)			11-0436		
6A 1 7*						
. /	Ring, helix groove RH (3 req'd) - carbon graphite - Rulon (glass fill				- 1	
18*	Ring, helix groove LH (3 req'd) - carbon graphite					
. 0	- Rulon (glass fill			44-1975		- 1
9	Bearing spacer - CPVC (3 reg'd)			44-1977		
10	Cap nut - CPVC (6 reg'd)			44-2682		
10	'O'-ring - EPDM, standard (18 req'd)			22-0569		- 1
	- Viton			22-0568		- 1
11	Suction casing -CPVC NPT			43-0001		
''	BSP			43-0001 1		- 1
12	Suction casing 'O'-ring -EPDM, standard			22-0545		
12	-Viton			22-0544		- 1
13	Cap nut stud, - CPVC & stn. steel (6 reg'd)			44-3197		
	for Hi temp pump end only			44-1978		- 1
14	Hex nut, 3/8"-16 - stn.steel (8 reg'd)			11-0105		
15	Stud 3/8"-16 x 51/2" long - stn. steel (4 req'd)			11-0160		
16	Lock nut, 3/8"-16 - nylon insert (4 req'd)	11-0519				
17	Flat washer, 3/8" size - stainless steel (8 reg'd)			11-0126		
18	Lock washer, 3/8" size - stainless steel(4 reg'd)			11-0140		
19	Nipple 2" NPT x close - CPVC			33-1029		
20	Suction strainer - polyethylene			99-0744 1		
21				44-1612		
22	Tubing ¼" O.D polypropylene, per foot			44-1605		
	Hose connector, elbow - polypropylene (2 req'd) Plua 14" NPT - CPVC					
23		1)		33-0856		
24	Hose connector, straight - polypropylene (2 req'o	1)		33-1074		
25	Hex bolt, 3/8"-16 x 3/4" long - stainless steel			11-0371		
26	Bracket - steel			43-0019		
27	Manifold - CPVC			43-0018		- 1
00	For use w/optional mounting plate	\		43-0018 1		
28	Mounting plate, 3/4" thick - PVC (optional, not sh 20" square	own)		43-0014		- 1
	20" round			43-0014		- 1
29	Vapor seal -TFE New style (w/"O"-ring)			22-0848		
20	Old style			55-0567		- 1
^{1,2} 30	Impeller assembly - CPVC 3½" diameter			43-0735 1		
00	3-7/8"			43-0734 1		- 1
	4-3/8" "			43-0733 1		- 1
	5" "			43-0732 1		- 1
	5½" "			43-0731 1		
31	Hose conn. elbow, 1/4" NPT - polypropylene (3 rec	ı'd)		44-1605		
33	Motor- TEFC, 230/460/3/50-60 - 1725 RPM					- 1
	¾" HP 66-1030					- 1
	1 HP 66-1031		se	lect as req	uired	- 1
	1½ HP 66-1032 - TEFC, 115/230/1/60 - 1725 RPM					- 1
	1 HP 66-1043					- 1
33A	Motor drip cover ass'y. (optional)					
	- Motors with steel fan covers (1 & 1½ HP)			66-1120		
	(2, 3, 5, 7½ HI	P)		66-1018 1		
	- Motors with plastic fan covers (2 HP)	· 		66-7005		[
	(3, 5, 7½ HP)			66-7006		
34	Set collar - CPVC (2 req'd)			44-1621		
	Set screw ¼"-20 x ¼" long - titanium, std. (8 red	q'd)		11-0476		
0.5	- Hastelloy C			11-0681		
35	Bushing - CPVC	 - -		44-1013B		[
	Set screw, ¼"-20 x ¼" long - titanium, std. (4 rec - Hastelloy C	4 u)		11-0476 11-0681		[
36	'O'-ring - EPDM (standard)			22-0605		
	- Viton			22-0603 22-0604		

DESCRIPTION

PART NUMBERS

LENGTH OF PUMP

SERFILCO, LTD.

Items 34 & 35 included in Item 3.

NOTE: Items 5 & 6 included in Item 2.

F.O.B. Northbrook, Illinois

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