



Check here for parts questions

Flexible Impeller Reference Guide Service Parts & Kits Service & Warranty Information

**Need the part
number for an impeller,
seal, gasket, or motor?
It's all here.**

Highlights:

- **Flexible Impeller information describing the materials, the sizes and shapes, and insert materials.**
- **Use the impeller silhouettes to determine what impeller your customer has just brought in without a part number**
- **If you have the pump part number, the service kits guide will give everything else**
- **Need factory service assistance, look on the service and warranty page**

Flexible Impeller Reference Guide

Flexible Impeller Compounds

JABSCO flexible impellers are available in the following materials:

1. NEOPRENE is the standard impeller material used in most flexible impeller pumps. It offers a wide range of chemical resistant properties.

Temperature range: 45°F to 180°F.

2. NITRILE impellers offer compatibility with oil products. It handles a wide range of oils, oil and water emulsions, diesel fuel, lower fraction hydrocarbons, kerosene, lubricating and machine cutting oil.

Temperature range: 50°F to 180°F.

Lower temperatures affect priming ability and performance characteristics. Generally, nitrile performance is 10% below that of neoprene.

3. VITON impellers are recommended when pumping hydrocarbons, solvents and severely corrosive chemicals.

Temperature range: 60°F to 180°F.

Viton is not recommended for low temperature or high pressure applications.

4. SANITARY NEOPRENE

impellers are used in the hygienic flexible impeller pumps for applications pumping food, beverage and pharmaceutical products.

Temperature range: 45°F to 165°F.

5. NATURAL RUBBER impellers are used in cold water applications.

Temperature range: 22°F to 120°F.

6. SANITARY EPDM impellers are used for elevated temperature hygienic applications to 185°F. EPDM is compatible with some ketone solvents.

Temperature range: 60°F to 185°F.

Flexible Impeller Silhouettes and Descriptions

1	SLOTTED SHAFT PIN DRIVE	
2	THROUGH HOLE PIN DRIVE	
3	KEY DRIVE	
4	SINGLE FLAT DRIVE	
5	DOUBLE FLAT DRIVE	
6	DING DRIVE KEYWAY	
7	SPLINE DRIVE	

Flexible Impeller Cross-Reference

ImpellerNo. Silhouette	ImpellerNo. Silhouette	ImpellerNo. Silhouette	ImpellerNo. Silhouette	ImpellerNo. Silhouette	ImpellerNo. Silhouette
331-0001 O	-0004 G	6303-0001 H	8980-0002 L	14281-0001 K	14874-0001 I
836-0001 O	4527-0001 G	-0003 H	-0003 L	-0003 K	-0003 I
-0003 O	-0003 G	6760-0003 O	-0004 L	-0004 K	-0004 I
-0008 O	4528-0001 D	7273-0001 G	-0005 L	14282-0001 M	17255-0003 D
920-0001 M	-0003 D	-0003 G	8981-0002 M	-0003 M	17370-0001 Q
-0003 M	4568-0001 K	-0004 G	-0005 M	-0004 M	17486-0001 H
-0008 M	-0003 K	7614-0002 K	8983-0002 P	14346-0002 Q	17935-0001 Q
964-0001 M	4598-0001 M	-0005 K	-0003 P	-0003 Q	17936-0001 Q
-0003 M	0003 K	8500-0005 AA	-0004 P	-0004 Q	17937-0001 Y
1133-0001 G	5606-0001 G	8600-0002 V	-0005 P	-0005 Q	17956-0001 Y
-0003 G	-0003 G	-0003 V	8984-0005 R	14609-0001 C	18018-0001 O
1210-0001 K	-0004 G	-0005 V	9200-0001 F	-0003 C	18673-0001 I
-0003 K	5616-0001 G	8713-0005 U	-0003 F	14750-0001 B	-0003 I
1414-0001 A	5915-0001 N	8840-0002 N	-0021 F	-0003 B	18786-0001 R
-0003 A	5929-0001 K	-0004 N	-0023 F	14787-0001 C	-0003 R
2999-0001 U	-0003 K	-0005 N	11979-0001 M	-0003 C	18815-0001 L
3085-0001 L	6056-0003 M	-0006 N	12104-0001 A	14792-0001 A	18838-0001 W
3398-0001 G	6174-0001 K	8963-0002 S	12326-0001 M	-0003 A	18948-0001 X
-0003 G	-0003 K	-0005 S	-0003 M	14868-0001 M	22120-0001 K

Flexible Impeller Reference Guide

Impeller Number	Impeller Material	Type of drive	No. of blades	Dimensions		Shaft Dia.	Insert Material	Remarks
				A	B			
SILHOUETTE A								
1414-0001	Neoprene	4	6	1-1/4	15/32	5/16	BR	
-0003	Nitrile	4	6	1-1/4	15/32	5/16	BR	
12104-0001	Neoprene	2	6	1-1/4	15/32	5/16	BR	Onan (Use 6-32 x 5/8 Hdl's Screw)
14792-0001	Neoprene	4	6	1-1/4	15/32	5/16	SS	
-0003	Nitrile	4	6	1-1/4	15/32	5/16	BR	
SILHOUETTE B								
14750-0001	Neoprene	4	8	1-1/4	15/32	5/16	BR	
-0003	Nitrile	4	8	1-1/4	15/32	5/16	BR	
SILHOUETTE C								
14609-0001	Neoprene	4	6	1-1/4	15/32	5/16	BR	
-0003	Nitrile	4	6	1-1/4	15/32	5/16	BR	
14787-0001	Neoprene	4	6	1-1/4	15/32	5/16	PL	Was SS Insert
-0003	Nitrile	4	6	1-1/4	15/32	5/16	PL	Was SS Insert
SILHOUETTE D								
4528-0001	Neoprene	1 or 2	6	1-9/16	3/4	3/8	BR	Was AL - 24
-0003	Nitrile	1 or 2	6	1-9/16	3/4	3/8	BR	Was AL - 24 - 37
17255-0003	Nitrile	—	6	1-9/16	3/4	1/4		Impeller Molded on Shaft
SILHOUETTE F								
9200-0001	Neoprene	4	10	1-19/32	3/4	5/16	PL	Was Brass Insert
-0003	Nitrile	4	10	1-19/32	3/4	5/16	PL	Was Brass Insert
-0021	Neoprene	4	10	1-19/32	3/4	5/16	BR	Was Brass Insert
-0023	Nitrile	4	10	1-19/32	3/4	5/16	BR	Was Brass Inser
SILHOUETTE G								
1133-0001	Neoprene	1 or 2	6	2	7/8	1/2	SS	
-0003	Nitrile	1 or 2	6	2	7/8	1/2	SS	
3398-0001	Neoprene	2	6	2	7/8	1/2	None	
-0003	Nitrile	2	6	2	7/8	1/2	None	
-0004	Viton	2	6	2	7/8	1/2	None	
4257-0001	Neoprene	2	6	2	7/8	5/16	None	
-0003	Nitrile	2	6	2	7/8	5/16	None	
5606-0001	Neoprene	6	6	2	7/8	1/2	SS	SS Extended Drive Cup
-0003	Nitrile	6	6	2	7/8	1/2	SS	SS Extended Drive Cup
-0004	Viton	6	6	2	7/8	1/2	SS	SS Extended Drive Cup
5616-0001	Neoprene	6	6	2	7/8	1/2	BR	Brass Extended Drive Cup
7273-0001	Neoprene	4	6	2	7/8	5/16	PL	
-0003	Nitrile	4	6	2	7/8	5/16	PL	
-0004	Viton	4	6	2	7/8	5/16	PL	
SILHOUETTE H								
6303-0001	Neoprene	4	6	2	7/8	5/16	PL	
-0003	Nitrile	4	6	2	7/8	5/16	PL	
17486-0001	Neoprene	6	6	2	7/8	1/2	BR	Brass Extended Drive Cup
SILHOUETTE I								
14874-0001	Neoprene	5	10	2	7/8	5/8	PL	
-0003	Nitrile	1 or 2	10	2	7/8	1/2	BR	Replaces 673-0001
-0004	Viton	1 or 2	10	2	7/8	1/2	BR	Replaces 673-0003
18673-0001	Neoprene	5	10	2	7/8	5/8	PL	
-0003	Nitrile	5	10	2	7/8	5/8	PL	
SILHOUETTE K								
1210-0001	Neoprene	7	12	2-1/4	1-1/4	5/8	BR	
-0003	Nitrile	7	12	2-1/4	1-1/4	5/8	BR	
4568-0001	Neoprene	3	12	2-1/4	1-1/4	5/8	BR	
-0003	Nitrile	3	12	2-1/4	1-1/4	5/8	BR	
5929-0001	Neoprene	6	12	2-1/4	1-1/4	1/2	BR	SS Drive Cup
-0003	Nitrile	6	12	2-1/4	1-1/4	1/2	BR	SS Drive Cup
6174-0001	Neoprene	6	12	2-1/4	1-1/4	5/8	SS	SS Drive Cup
-0003	Nitrile	6	12	2-1/4	1-1/4	5/8	SS	SS Drive Cup

INSERT MATERIALS: BR = Bronze • SS = Stainless Steel • PL = Epoxy Plastic

Flexible Impeller Reference Guide

Impeller Number	Impeller Material	Type of drive	No. of blades	Dimensions A	Dimensions B	Shaft Dia.	Insert Material	Remarks
SILHOUETTE R								
8984-0005	Neoprene	5	9	4-5/8	3-1/2	1	PL	Sanitary
18786-0001	Neoprene	5	9	4-5/8	3-1/2	1	PL	
-0003	Nitrile	5	9	4-5/8	3-1/2	1	PL	
-0004	Viton	5	9	4-5/8	3-1/2	1	PL	
SILHOUETTE S								
8963-0002	EPDM	5	9	4-5/8	3-1/2	1	PL	Sanitary
-0005	Neoprene	5	9	4-5/8	3-1/2	1	PL	Sanitary
SILHOUETTE U								
2999-0001	Neoprene	7	13	5	4	1-1/2	BR	
8713-0005	Neoprene	5	13	5	5-1/4	1-1/2	PL	Sanitary
SILHOUETTE V								
8600-0003	Nitrile	5	12	4-5/8	3-1/2	1	SS	
-0005	Neoprene	5	12	4-5/8	3-1/2	1	SS	Sanitary
SILHOUETTE W								
18838-0001	Neoprene	3	12	2-7/16	1-1/4	5/8	BR	
SILHOUETTE X								
18948-0001	Neoprene	3	12	2-9/16	1-5/8	5/8	BR	
SILHOUETTE Y								
17937-0001	Neoprene	7	10	2-9/16	2	5/8	BR	
17956-0001	Neoprene	6	10	2-9/16	2	5/8	BR	SS Drive Cup, Replaces 6056-0001
17981-0005	Neoprene	5	10	2-9/16	2	5/8	BR	Sanitary
SILHOUETTE AA								
8500-0005	Neoprene	5	12	5	4	1-1/2	PL	Sanitary

INSERT MATERIALS: BR = Bronze • SS = Stainless Steel • PL = Epoxy Plastic

Jabsco Service Kits & Parts Reference Guide

MODEL NUMBER	SERVICE KIT	IMPELLER*	O-RING/GASKET*	SEAL*	MOTOR	PUMP HEAD ASSEMBLY
777-0001	90010-0001	920-0001	890-0000	92700-0060	—	—
777-0003	90010-0003	920-0003	890-0000	92700-0060	—	—
777-9001	90118-0001	920-0001	890-0000	96080-0080	—	—
777-9003	90118-0003	920-0003	890-0000	96080-0080	—	—
777-9051	90118-0001	920-0001	2432-0000	96080-0080	—	—
1673-1001	90015-0001	1210-0001	1835-0000	92700-0060	—	—
1673-1003	90015-0003	1210-0003	1835-0000	92700-0060	—	—
1673-2001	90119-0001	1210-0001	1835-0000	96080-0080	—	—
1673-2003	90119-0003	1210-0003	1835-0000	96080-0080	—	—
1673-2051	90119-0001	1210-0001	2436-0000	96080-0080	—	—
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2620-1001	90020-0001	18673-0001	2995-0000	92700-0050	—	—
2620-1003	90020-0003	18673-0003	2995-0000	92700-0050	—	—
2760-0001	90023-0001	4528-0001	1189-0000	92700-0110	—	—
2760-0003	90023-0003	4528-0003	1189-0000	92700-0110	—	—
3010-1011	90026-1011	3398-0001	92000-0590 †	93000-0010	—	—
3010-1013	90026-1013	3398-0003	92000-0590 †	92000-0210†	—	—
3010-1014	90026-1014	3398-0004	92000-0790 †	93000-0030, 92000-0800†	—	—
3010-1021	N/A	3398-0001	92000-0590 †	93000-0010	—	—
3010-1023	N/A	3398-0003	92000-0590 †	92000-0210†	—	—
3010-1024	90026-1024	3398-0004	92000-0790 †	93000-0030, 92000-0800†	—	—
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3200-0011	90029-0001	2999-0001	3209-0000	3222-0000	—	—
4530-0001	90001-0001	4528-0001	1126-0000	4539-0000	—	—
4530-0003	90001-0003	4528-0003	1126-0000	4539-0000	—	—
4540-0001	90002-0001	4527-0001	2995-0000	4549-0000	—	—
4540-0003	90002-0003	4527-0003	2995-0000	4549-0000	—	—
4560-0001	90003-0001	4568-0001	7083-0000	3791-0000	—	—
4560-0003	90003-0003	4568-0003	1835-0000	3791-0000	—	—
4590-0001	90003-0003	4598-0001	706-0000	3791-0000	—	—
4590-0003	90004-0001	4598-0003	706-0010	3791-0000	—	—
4620-0001	90004-0003	4598-0001	706-0000	3791-0000	—	—

* Indicates parts contained in service kit. † Indicates O-ring. Quantities required in parenthesis.



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MODEL NUMBER	SERVICE KIT	IMPELLER*	O-RING/GASKET*	SEAL*	MOTOR	PUMP HEAD ASSEMBLY
4620-0003	90004-0001	4598-0003	706-0010	3791-0000	—	—
4720-0003	90004-0003	6174-0003	2876-0000	92700-0520	18735-0000	4730-0003
6050-0003	90058-0003	6056-0003	890-0000	92700-0080	18736-0000	6056-0003
6360-1001	90061-0001	6303-0001	1985-0010	93000-0100	98012-0020	7440-1001
6400-0004	90062-0001	836-0001	816-0000	6407-0010	—	—
6400-0051	90062-0001	836-0001	816-0000	6407-0010	—	—
6850-0003	90058-0003	6056-0003	3101-0000	92700-0080	97030-0050	6853-0003
8860-0001	90092-0007	14750-0001	7828-0000	93000-0100	98012-0020	9040-0001
11810-0003	90105-0003	5929-0003	11816-0000	92700-0420	18739-0000	11818-0003
11860-0005	90118-0003	920-0003	890-0000	96080-0080	—	—
11870-0005	90062-0003	836-0003	816-0000	6407-0010	—	—
12290-0001	90126-0002	7273-0001	12558-0000	1040-0000	18740-0000	12590-0011
12290-0003	90126-0013	7273-0003	12558-0000	1040-0000	18740-0000	12590-0003
12290-0004	90126-0004	7273-0004	12558-0000	1040-0001	18740-0000	12590-0021
12290-0271	90126-0002	7273-0001	12558-0000	1040-0000	18742-0000	12590-0011
12290-0274	90126-0004	7273-0004	12558-0000	1040-0001	18742-0000	12590-0021
12310-0001	N/A	14792-0001	92000-0750 (1)†	1040-0000	9195-0004	12377-0001
12310-0003	90158-0033	14792-0003	92000-0750 (1)†	1040-0000	9195-0004	—
12460-0011	N/A	14750-0001	92000-0750 (1)†	1040-0000	98012-0020	12317-0000
12510-0001	90106-0001	9200-0001	9156-0010	1040-0000	18740-0000	9130-0001
12510-0003	90106-0013	9200-0003	9156-0010	1040-0000	18740-0000	9130-0003
12510-0271	90106-0001	9200-0001	9156-0010	1040-0000	18742-0000	9130-0003
12520-1001	90061-0002	7273-0001	1985-0011	93000-0100	18740-0000	9190-1001
12520-1003	90061-0023	7273-0003	1985-0011	93000-0100	18740-0000	9190-1003
12520-1004	90061-0004	7273-0004	1985-0011	93000-0130	18740-0000	—
12520-1271	90061-0002	7273-0001	1985-0011	93000-0100	18742-0000	9190-1001
12520-1273	90061-0023	7273-0003	1985-0011	93000-0100	18742-0000	9190-1003
12520-1274	90061-0004	7273-0004	1985-0011	93000-0130	18742-0000	—
12560-0001	90126-0001	6303-0001	12558-0000	1040-0000	98012-0020	12590-0001
16360-1003	90061-0003	6303-0003	1985-0000	93000-0100	18753-0050	7440-0003
16370-1003	90061-0003	6303-0003	1985-0000	93000-0100	18753-0052	7440-0003
16400-3270	NA	43990-0003	NA	NA	—	—
16400-3350	NA	43990-0003	NA	NA	—	—
16400-3470	NA	43990-0003	NA	NA	—	—
16410-3270	NA	43990-0004	NA	NA	—	—
16410-3350	NA	43990-0004	NA	NA	—	—
16410-3470	NA	43990-0004	NA	NA	—	—
16510-3270	NA	16405-1003	NA	NA	—	—
16510-3350	NA	16405-1003	NA	NA	—	—
16510-3470	NA	16405-1003	NA	NA	—	—
16520-3370	NA	16405-1004	NA	NA	—	—
16520-3350	NA	16405-1004	NA	NA	—	—
16520-3470	NA	16405-1004	NA	NA	—	—
17430-0003	NA	14281-0003	92000-0310 (2)†	96080-0280	93004-1850	17438-0003
17640-2001	NA	18702-2000	18732-0000 †	18247-1000	93004-2618	NA
17640-2007	NA	18703-2000	18732-0000 †	18247-1000	93004-2616	NA
17640-2013	NA	18704-2000	18732-0000 †	18247-1000	93004-2617	NA
18330-0000	90254-0003	6760-0003	816-0000	96080-0374	—	—
18370-0000	90254-0001	17936-0001	816-0000	96080-0374	—	—
18510-0000	NA	18515-0000	18516-0000	1040-0001	18517-0000	NA
18510-0010	NA	18526-0000	18516-0000	96080-0552	NA	NA
23540-1200	90388-0000	NA	18753-0399 †	18753-0400	18753-0402	NA
23540-1300	90388-0000	NA	18753-0399 †	18753-0400	18753-0403	NA
23550-1300	90397-0000	NA	18753-0416 †	18753-0417	18753-0420	NA
23650-0500	NA	18573-0304	NA	NA	—	—
23650-1000	NA	18753-0304	NA	NA	—	—
30510-SERIES	NA	14281-0001	18753-0261 (2)†	18753-0233	18753-0	30510-2XXX
		14281-0003	18753-0262 (2)†	18753-0234		30510-3XXX
		14281-0004	—	18753-0241		NA
		7614-0002	—	18753-0242		NA
		8980-0001	—	18753-0243		NA
		8980-0002	—	18753-0244		NA
		8980-0003	—	—		—
		8980-0004	—	—		—

* Indicates parts contained in service kit. † Indicates O-ring. Quantities required in parenthesis.



Service & Parts Reference Guide

Jabsco Service Kits & Parts Reference Guide

MODEL NUMBER	SERVICE KIT	IMPELLER*	O-RING/ GASKET*	SEAL*	MOTOR	PUMP HEAD ASSEMBLY
30520-SERIES	NA	14282-0001	18753-0265 (2)†	18753-0235	18753-0339	30530-2XXX
		14282-0003	18753-0266 (2)†	18753-0236		
		14282-0004	—	18753-0245		
		8981-0002	—	18753-0246		
		8840-0002	—	18753-0247		
		8840-0004	—	18753-0248		
		8840-0005	—	—		
		8840-0006	—	—		
30530-SERIES	NA	14346-0002	18753-0267 (2)†	18753-0237	18753-0220	
		14346-0003	18753-0268 (2)†	18753-0238		
		14346-0004	—	18753-0239		
		14346-0005	—	18753-0240		
		8983-0002	—	18753-0249		
		8983-0003	—	18753-0250		
		8983-0004	—	18753-0251		
		8983-0005	—	18753-0252		
		—	—	—		
30540-SERIES	NA	18786-0001	18753-0267 (2)†	18753-0237		
		18786-0003	18753-0268 (2)†	18753-0238		
		8963-0002	—	18753-0239		
		8600-0005	—	18753-0253		
		8600-0002	—	18753-0254		
		—	—	18753-0255		
		—	—	18753-0256		
		—	—	—		
30550-SERIES	NA	7614-0002	18753-0261 (2)†	18753-0357	18753-0219	30550-2XXX
		7614-0005	—	18753-0358		30550-3XXX
		8980-0002	—	—		
		8980-0005	—	—		
30560-SERIES	NA	8981-0002	18753-0263 (2)†	18753-0235	18753-0339	30560-2XXX
		8981-0005	—	18753-0245		30560-3XXX
30570-SERIES	NA	14346-0002	18753-0265 (2)†	18753-0249	18753-0220	30570-2XXX
		14346-0005	—	18753-0371		30570-3XXX
		8983-0002	—	—		
		8983-0005	—	—		
30580-SERIES	NA	8963-0002	18753-0267 (2)†	18753-0253		
		8984-0005	—	18753-0376		
		8600-0005	—	—		
		8600-0002	—	—		
45710-0000	90200-0000	NA	18753-0071	93000-0100	18753-0050	NA
45710-1000	90200-0000	NA	18753-0071	93000-0100	18753-0077	NA
45700-0000	90200-0000	NA	18753-0071	93000-0100	18753-0082	NA

* Indicates parts contained in service kit. † Indicates O-ring. Quantities required in parenthesis.

The undernoted trademarks are listed variously throughout this catalog:

- Viton** is a registered trademark of E. I. Du Pont de Nemours and Company.
- Hastelloy** is a registered trademark of Union Carbide Corporation.
- Santoprene** is a registered trademark of Monsanto Corporation.
- QUEST** is a registered trademark of U. S. Brass Corporation.
- Kynar** is a registered trademark of Pennwalt Corporation.
- Carpenter 20** is a registered trademark of Carpenter Technology.
- Vectra** is a registered trademark of Celanese Corporation.
- Ryton** is a registered trademark of Philips Petroleum Company.
- Nordel** is a registered trademark of E. I. Du Pont de Nemours and Company.
- Teflon** is a registered trademark of E. I. Du Pont de Nemours and Company.