

SHERWOOD®

The Original Engine Cooling Pump Since 1921

www.sherwoodpumps.com

09959K Impeller Kit Technical Guide

Engine Specified

Identification



Impeller kit 09959K includes 09959 impeller and the associated o-rings and gaskets.

09959 Impeller Specification

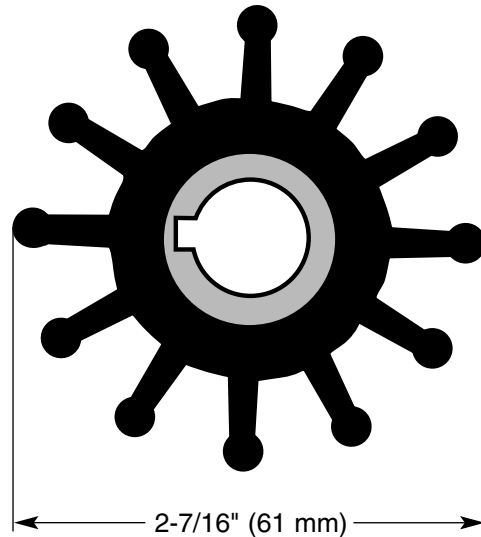
Dimensions

- Diameter: 2-7/16" (61 mm)
- Width: 1-1/4" (31.7 mm)
- Keyway: 3/16"
- Shaft: 5/8"

Material

- Rubber Impeller: Neoprene
- Insert: Stainless steel or bronze

Number of Blades: 12



Application

The 09959K is used in the following genuine Sherwood pumps:

A03	G1	G95-1	K75B	M10280G	P10650G	R10920G
A16	G15	G9901	L9920G	N10390G**	P10700G	R10925G
B06	G2	G9902	L9930G	N10410G	P10710G**	R10930G
D55*	G20	G9903	M10065G	N10460	Q10755G	R10935G**
D60**	G21	H10	M10180G	N10470	Q10765G	R10955G
D65**	G22	H5	M10210G	N10510G	Q10770G	R50G
D75**	G30-2	J70	M10263G	P10550G*	Q10855G**	R991
F15	G30-2B	J90	M10264G	P10560G**	R10870G	RPGC
F85	G65	K75	M10270G	P10610G	R10870G	

* Pump uses (1) 09959K and (1) 10615K impeller kits.

** Pump uses (2) 09959K impeller kits.

Preventative Maintenance and Inspection

The #1 reason for premature engine wear is overheating. To maintain engine performance, insist upon genuine Sherwood impellers and service kits.

Maintenance Schedule	Pleasure Boating (Low Hours)		Commercial/Fishing Use (High Hours)	
	Light Duty	Severe Duty (High RPM, Silt or Sand)	Heavy Duty	Severe Duty (High RPM, Silt or Sand)
Impeller Kit	Every year	6 months	6 months	3 months
Minor Kit	2 years	Every year	Every year	6 months
Major Kit	4 years	2 years	2 years	Every year

Sherwood Pump	Minor Repair Kit	Major Repair Kit
D60	10656	12300
D65	10656	12300
D75	10656	12793
F85		12221
G1	23979	12665
G15	23979	12665
G2	23979	12665
G20	23979	12665
G21	23979	12665

Sherwood Pump	Minor Repair Kit	Major Repair Kit
G22	23979	12665
G30-2	23979	12665
G30-2B	23979	12665
G65		12221
G95-1	23979	12665
G9901	23979	12665
G9902	23979	12665
G9903	23979	12665
H10	23979	12665

Sherwood Pump	Minor Repair Kit	Major Repair Kit
H5	12981	12980
J70	23979	12665
K75	23979	12665
K75B	23979	12665
R10870G	10997	12937
R10930G	10997	
R50G	10997	12937
R991		18655

Notes:

Minor kits in bold contain: impeller, o-ring, gasket, seal, snap rings, key and washer.

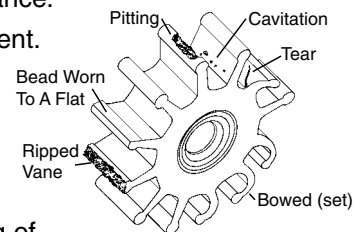
For the contents of the other minor kits, see repair kit section in the Sherwood marine catalog.

Major kits in bold contain: impeller, o-ring, gasket, seal, snap rings, key, washer, bearings, wearplate, cam and cam screw.

For the contents of the other major kits, see repair kit section in the Sherwood marine catalog.

Recommended inspection to be performed at any service interval:

- Impeller Inspect for cracks or tears. Also, inspect for excessive abrasion of vane ends. Replace annually, or if any of the conditions exist, as in the picture below.*
- Wear Plate Inspect for wear, flatness, and pin for fatigue. Replace at major pump rebuild or if wear is evident to maintain pump flow and suction performance.
- Cam Replace at minor or major pump rebuild or if pitting/wear is evident.
- Cover Replace at major pump rebuild or if wear exists to maintain pump flow and suction performance.
- Mechanical Seal Replace at minor and major pump rebuild or if leaking.
- Lip Seal Replace at major pump rebuild or if leaking.
- Shaft Inspect for wear in area of lip seal and rubber impeller. Grooving of lip seal area or heavy fretting of the impeller end shaft will require shaft replacement.
- Bearing Inspect for loss of grease, corrosion or rough rotation. Replace at major pump rebuild as the entire shaft and bearing assembly (see page 3 for proper assembly number).



SHERWOOD®

HYPRO®
A WICOR COMPANY

MARINE PRODUCTS GROUP

375 Fifth Avenue NW • New Brighton, MN 55112-3288

Phone: (651) 766-6300 • 800-471-0460 • Fax: 800-672-7023

www.hypropumps.com www.sherwoodpumps.com