



Seven Year Or 12,500 Hour KRT and Amarex N Pumps Warranty And

Ten Year Guide Cable Warranty For Permanent Municipal Installations

KSB, Inc. warrants to the Original End Purchaser that its Pump(s) will be free from defects in workmanship and materials covering parts and labor for a period of seven (7) years or twelve thousand five hundred (12,500) hours of operation, and that its Guide Cable will be free from defects in workmanship and materials covering parts and labor for a period of ten (10) years of operation when pumping abrasive-free, non-corrosive liquids used in Permanent Municipal Installations. This warranty commences on the date KSB, Inc ships the pump(s).

KSB Pump(s) are warranted for seven (7) years for use in Sewage Collection systems or intermittent duty cycle pumping. KSB Pump(s) are warranted for 12,500 hours of operation for use in Sewage Treatment Processing or for continuous duty cycle pumping. For the purpose of this clause, continuous duty cycle is defined as twelve (12) hours per day average operation time, or greater.

In the event that defects in workmanship or materials appear during the term of the warranty, the Purchaser shall deliver written claim of Warranty to the Company within ninety (90) days of discovery. The obligation of KSB, Inc. under the warranty shall be limited to replacement of defective part(s) and/or labor whichever KSB, Inc., in its sole discretion, chooses to elect. The Original End Purchaser shall be entitled to this warranty provided that the terms of payment have been complied with and the pump(s) with cable(s) attached or faulty part(s) thereof have been returned freight prepaid to KSB, Inc. or to an authorized KSB Service Facility and the defect has been acknowledged in writing by KSB, Inc. to be caused by faulty workmanship or defective material. Normal wear and tear is specifically excluded from warranty coverage.

This warranty does not apply to KSB Grinder Pumps. The warranty shall be void if the pump(s) or its part(s) have not been used and maintained in accordance with the printed instructions of KSB, Inc., or have been damaged wholly or in part by misuse, accident, neglect, faulty electrical system, or any other cause beyond the control of KSB, Inc.

Unless otherwise specified by KSB, Inc., the warranty period shall be computed from the original shipping date to the date the pump(s) and/or part(s) are returned to KSB, Inc. or, if repairs are made on site, the warranty period shall be computed to the date notice of defects is received by KSB, Inc.

Pump(s) or part(s) repaired or replaced will be returned at the cost of the Original End Purchaser. Repairs or replacement parts are warranted free from defects in workmanship and materials for the longer of the un-expired term of this warranty or ninety (90) days from the date KSB, Inc. ships such repaired or replaced items, and all other terms and conditions of this warranty shall apply. The extent of the Original End Purchaser's share in the repair or replacement cost detailed below shall be paid prior to shipment by KSB, Inc.

Electrical system schematics (including bills of material) may be required to support any warranty claims at the request of KSB, Inc. This documentation will normally be required in the case of pumps or 20 horsepower and larger.

KSB, Inc. will bear the cost for such repair or replacement as follows:

Item	Categories	I	II	III	IV
A. Pumps	Months after Shipment	0-18	19-39	40-59	60 - 84
	Hours of Operation	0-2,999	3,000-6,499	6,500 – 9,999	10,000 – 12,500
	KSB Share of Cost	100%	50%	25%	10%
B. Guide Cables	Months after Shipment	0-120	-	-	-
	KSB Share of Cost	100%	-	-	-

KSB, INC. WILL NOT BE RESPONSIBLE FOR TRAVEL EXPENSES, RENTED EQUIPMENT, OUTSIDE CONTRACTORS' FEES, UNAUTHORIZED REPAIR, SHOP EXPENSES OR FOR PUMPS PURCHASED OR USED WITHOUT KSB SUPPLIED POWER CABLE(S).

THE WARRANTIES MADE HEREIN BY KSB, INC. ARE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. KSB, INC. DISCLAIMS ANY AND ALL WARRANTIES FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. KSB, INC. ASSUMES NO LIABILITY FOR LOSS OF USE, LOSS OF PROFIT, OR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND.

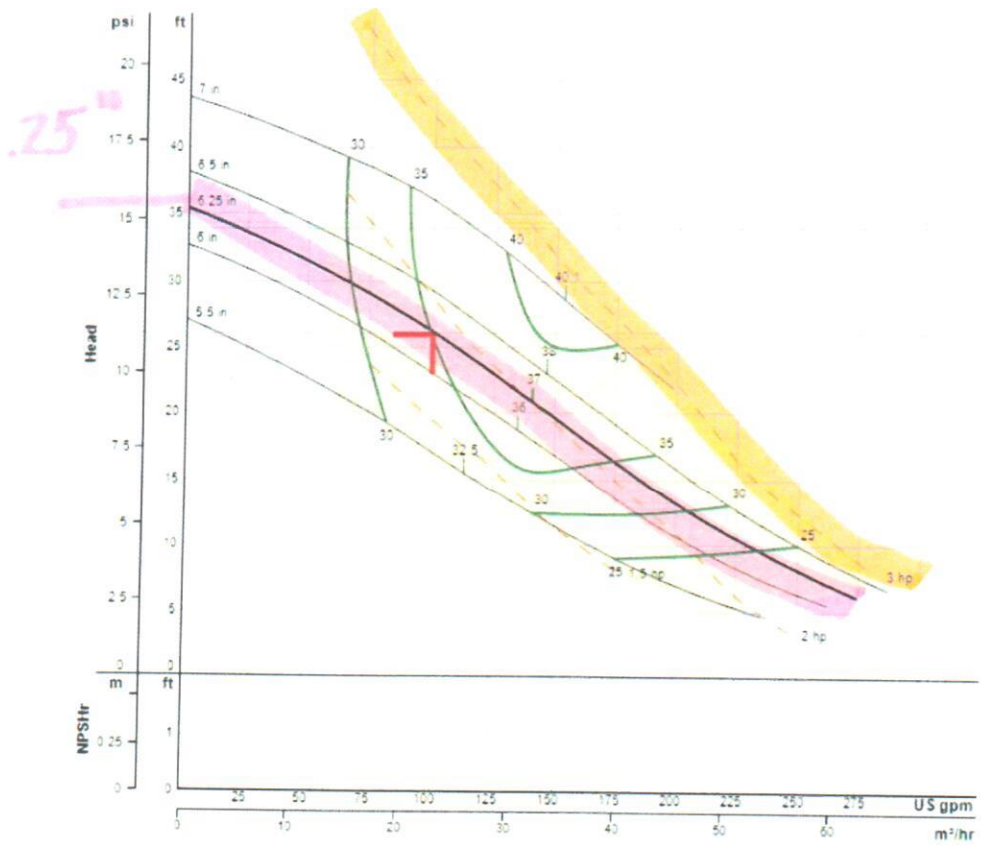
No sales agent or sales representative or any other person is authorized to modify, extend, or enlarge this Warranty. Any modification, extension, or enlargement of this Warranty shall not bind KSB, Inc.

SFEV3A-X Submersible Pump



Suction	3" (80 mm)
Discharge	3" (80 mm)
Solids Handling	3" (76 mm)
Casing	Cast Iron
Impeller/Rotor	Ductile Iron
Seal Material	Silicon Carbide
Flange	ANSI
Drive Type	Electric Motor
Unit Weight	N/A

3 H.P.



Curve Info

Type	SF-SERIES_208V_3PH
Curve	SFEV3A-2
Impeller	---
Speed	1750 rpm
Diameter	6.25 in

Data Point

Flow	100	US gpm
Head	26.2	ft
NPSHr	---	ft
Efficiency	35	%
Power	1.89	hp

This curve is provided for preliminary selection only. Please consult factory before making final pump or motor selections.