



Distribution list

TSS Standard Industry/Export	X
Zonal Offices	X
Manufacturing	X
Quality Management	X
PMPS	X
Purchase	X
Supreme Serve- Service	X
Supreme Serve-IB sales	X
Controlling	X

PIC 117006 G2 Dt-07.02.2024

Sales Release: KN CPP 53-100, 53-150, 53-200 & conical casing covers

- Release for sale: 07th Feb, 2024
- Type series: KN CPP
- Region: India & Export (As per list)
- Type series number: 6440
- Cost object code: K63A0T/ P/ S
- Phantom code: INKN CPP
- Plant: IPD (7210)
- Market segment: Paper and Pulp industry
- Application: Paper & Pulp with up to 8% consistency.

1) Objective & Background:

- Our team has already released first 07 sizes for KN CPP in steel material variant.
- As communicated earlier, we plan to release different sizes in coming few years.
- Our team has successfully completed next phase development & thereby glad to release below sizes: -

Sr	Pump Size	Bearing bracket	Impeller	Casing Cover	Material
1	KN CPP 53-100	05	Open type	Cylindrical	CF8M-CF8M-410 H
2	KN CPP 53-150	05	Open type	Cylindrical	CF8M-CF8M-410 H
3	KN CPP 53-200	05	Open type	Cylindrical	CF8M-CF8M-410 H
4	Conical casing covers	All	All	Conical	Steel

2) Summary description of Type Series:

Sr	Description	KNCPP 53-100	KNCPP 53-150	KNCPP 53-200
1	Flow (Q)	Up to 400 m ³ /hr,	Up to 600 m ³ /hr,	up to 850 m ³ /hr,
2	Head (H)	Up to 90 m	Up to 90 m	up to 95 m
3	Design Pressure	PN 16 – Steel (All Sizes) & Cast Iron (<DN200) PN 10 – Cast iron (>=DN200)		
4	Speed	50 Hz- 1480 / 980 / 740 RPM 60 Hz- 1175/ 870 / 710 RPM		
5	Material variants	C/GC. Please refer Sr.No.4 for details		
6	Pump Discharge Nozzle	DN 100	DN 150	DN 200
7	Flange drilling	ANSI B 16.1/16.5 & DIN EN 1092-1/2		
8	Bearing bracket size	5	5	5
9	Impeller Design	Open		
10	Passage width	24 mm	40 mm	35 mm
11	Shaft sealing	Gland pack & Mechanical seal		
12	Lubrication type	Oil (standard)		

Sr	Shaft Seal	Cylindrical Casing Cover	Conical Casing Cover
1	Gland Packing	Yes	No
2	Mech Seals	Yes	No
3	4K, 4KD, 4KDC KSB Mech Seals	No	Yes

3) Hydrostatic Test Pressure:

Sr.	Sizes	For - C/C2/F/D/D1	For - GC/GC2/GF	Hold Time (Mins)
		Test Pressure (Bar)	Test Pressure (Bar)	
1	Below DN200	24	24	30
2	Above & equal to DN200	24	15	30

4) Material of construction (MOC):

Steel Version: -

Components	C2	F	C	C2	D	D1
Volute Casing	SS2324	CF8	CF8M	SS 2324	CD4MCuN	CD6MN
Wear Plate	SS2324	CF8	CF8M	SS 2324	CD4MCuN	CD6MN
Casing Cover	SS2324	CF8	CF8M	SS 2324	CD4MCuN	CD6MN
Shaft	Type 410	Type 410	Type 410	1.4462	1.4462	1.4462
Impeller	SS2324	CF8	CF8M	SS 2324	CD4MCuN	CD6MN
Shaft Protection Sleeve	1.4462	1.4462	1.4462	1.4462	1.4462	1.4462

Cast Iron Version: -

Components	GC2	GF	GC
Volute Casing	FG 260	FG 260	FG 260
Wear Plate	SS2324	CF8	CF8M
Casing Cover	FG 260	FG 260	FG 260
Shaft	Type 410	Type 410	Type 410
Impeller	SS2324	CF8	CF8M
Shaft Protection Sleeve	1.4462	1.4462	1.4462

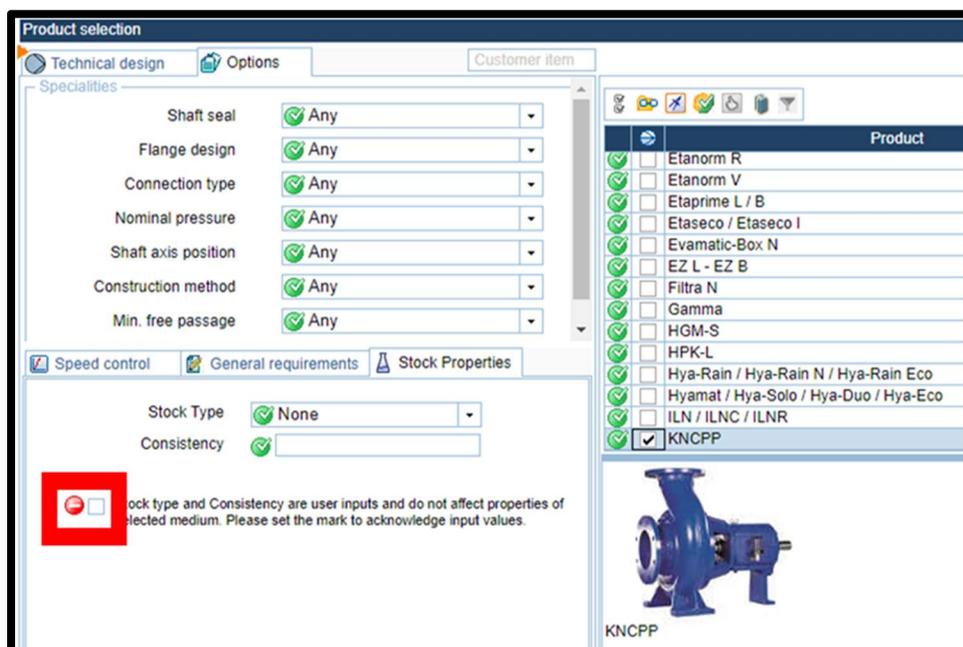
For more details about material grades, kindly refer the TSB (Type series booklet)

5) Pattern availability:

- Patterns are developed currently for steel material variants. (i.e. C2, F, C, D & D1)
- For material variants GC2, GF, GC - Patterns for Volute casing & Casing cover will be developed on case to case basis & against orders as required kindly consult PMPS.
- Please consult TSS/PMPS for pattern development, time & cost for cast parts other than above.
- For 53-100, 53-150, 53-200 & conical casing covers, Sample cast parts will be procured with material testing as per QN1100016/ ZN57773
- Prototype Pumps for above 03 pump sizes will be assembled & tested at IPD till Q2-2024

6) Pump selection, Quotations, Order processing & booking:

- KNCPP pump has been released in easy select selector (BT2).
- Above newly released 03 sizes will be available for selection on easy select.
- Order booking will be done manually for newly released 03 sizes till further notice.
- Phantom code to be used for order booking is "INKNCPST" for non-standard orders.
- Prior to the KNCPP pump selection, the consistency of all data must be checked on the technical page. Otherwise, a red conflict will be visible (refer to below screenshot):



7) Delivery time:

- Delivery time for C variant will be as per standard DSC release by MRP.
- For GC variant, delivery of these pumps will be confirmed on case to case by TSS, PMPS, MRP & Purchase jointly.

8) Product literature:

- All documents required for KNCPP are available on below link.
- A request to please save the documents at the earliest as the documents will be deleted from the link after 05 working days.
- All below documents are subject to change as an when new sizes are released or any other updates are made without any prior intimation. PMPS will intimate the changes/updates to respective TSS.
- TSS will be responsible to share the updated documents with all the Sales/Branch offices.
- Refer below table for total list of documents.
- Link - \\10.9.30.20\All transfer\Akshay Patil - PMPS\KNCPP Documents

Sr	Document type	Document Number	Document Mat. No.	Remarks
1	2 Page Leaflet- 50 Hz	6440.021/02-EN	IN158094	Documents available with TSS General Industry
2	Curves Booklet- 50 Hz	6440.450/03-EN	IN158084	
3	Curves Booklet- 60 Hz	6440.460/02-EN	IN160569	
4	Type Series Booklet (TSB)	6440.5/03-EN	IN158093	
5	General arrangement drawing (GAD)	6440.5/03-EN	IN158093	
6	Operating Instruction Manual (OIM)	6440.8/02-EN	IN157624	

- QAP: Quality assurance plan (available in QDDS)
 1. QN2270041 – KNCPP GC
 2. QN2270042 – KNCPP C

9) Material codes & bill of material:

- Creation of all required material codes and BOMs for 03 prototype sizes have been completed by PMPS.
- Material codes and BOMs for other undeveloped sizes will be created against orders on case to case basis.

10) Bare pump cost:

- Pump cost for above 03 sizes with 09 material variants have been provided by PMPS to TSS- General Industry.

11)Product responsibilities:

Sr	Department	Name	Email
1	Product Manager	Mr. Akshay Patil	akshay.patil@ksb.com
2	Product Support	Mr. Abhijeet Aragu	abhijeet.aragu@ksb.com
3	TSS Offer Support (LAC India)	Mr. Yashodhan Shenolikar	yashodhan.shenolikar@ksb.com
4	TSS Offer Support (Export)	Mrs. Meena Kumari	meena.kumari@ksb.com
5	Mech. Seal – TSS	Mr. Vishwajit Raskar	vishwajit.raskar@ksb.com
6	Contract Management	Mr. Vikas Mahale	vikas.mahale@ksb.com
7	Technical order processing	Mr. Sharad Kadam	sharad.kadam@ksb.com
8	Material resource planning	Mr. Ajay Joshi	ajay.joshi@ksb.com
9	Warranty & claim management	Mr. Pravin Deshpande	pravin.deshpande@ksb.com
10	Field service	Mr. Abdulgani Golandaj	abdulgani.golandaj@ksb.com
11	Spares	Mr. Vishnu Gawas	vishnu.gawas@ksb.com
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14	Quality	Mr. S. Vithal	vithal.s@ksb.com
15	Assembly	Mr. Samir Hajare	samir.hajare@ksb.com
16	Test field	Mr. Sachin Gadekar	sachin.gadekar@ksb.com

Sd/-

Signed: Mr. Akshay Patil
PMPS

KSB Limited

Sd/-

Signed: Mr. Seshadri Kollengode
Head-PMPS

KSB Limited