

About us

We FanAir India Pvt Ltd as one of the leading and Pioneer Manufacturers, Engineers and Equipment & Service Providers of Air Management Equipments in the field of HVAC Industry & as a group, company was incorporated in the year April 2003 as manufacturers of Complete Air Management Solution Products - to carry forward the Ancestral tradition to stick to the technical trade/business/profession in one form or the other Since then it has never looked back and has become a name to reck on with in the manufacturing of comprehensive range of Air Management Solution Products mainly pertaining to HVAC industry.

We are manufacturing Pre-Fabricated Ducts, Axial Flow Fans, Forward Curved Blowers, and Centrifugal blowers, Backward Curved Blowers, Plug Fan, Jet Fans, Smoke Exhaust, Kitchen Exhaust Unit, Wet Scrubber, Dry Scrubber, Air Washers & Air Curtains etc...

Keeping in view our dedication, sincerity, hard work and over and above our aim to create a quality product, enabled us to overcast the market. We firmly believe that the best quality products can only be developed through technical advancement; updated machinery; skilled workforce and professional approach including stringent initial raw material inspection, stage wise inspection and the final checks prior to dispatch of each and every product.

We have a team of highly experience engineers who have vast experienced, integration of technology, expertise, business trust, quality of product, integrity, team work, customer oriented & accountability, unrelenting efforts carve a niche of excellence for customers.

We are pleased to work with you for your project and get associated for a mutually beneficial relationship.

Our Aim

To rank and stay within top Indian companies engaged in our sector by delivering quality products.





Research & Development

Ensuring proper feedback from every nook & corner is we aim for. Everyone in all segments,in the chain provides input which is very vital for research and development. This participation helps us to iron out every unaddressed issue.

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	High	grade	raw	mate	rial.	
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☐ Leadership in product innovation.

□ Continous R & D of products

□ Optimum	functional	ity
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☐ Highly efficient, Low- Cost manufacturing.

□ Energy saving features

Our Vision

We would like to be the most reliable & innovative manufacturer of blowers & HVAC products as regarded by our customers globally.

Our Mission

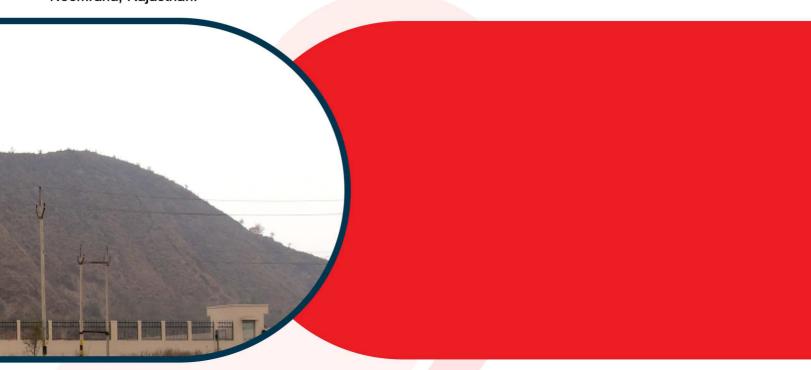
We will work as a team with full dedication towards acheiving operational excellence and thus strive for value creation for our customers.

Our Quality Policy

The right way is to use experts is every step of the way - to research rigorously, in - depth and apply punctilious detail to tried and trusted methods, examining the special technical characteristics of every single project and to anticipate problems, whether apparent or unseen. Due to our tight quality control specialists, we have received the ISO 9001: 2015 certification and assure the quality of our products.

New Facility

Our new state-of-art manufacturing setup spreads over 110000 sqft at Ghiloth Industrial area, RIICO, Neemrana, Rajasthan.



Air Movement & Control Association International, Inc.

The International Authority on Air System Components Since 1917



Fanair India PVT LTD

January 2015

Member Since

Executive Director

Certificates



Certificate of Registration

This is to Certify that

Quality Management System of

FANAIR INDIA PVT. LTD.

A-9,RIICO INDUSTRIAL AREA, GHILOT, DIST. ALWAR - 301401, RAJASTHAN, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope:

MANUFACTURER OF FORWARD CURVED BLOWERS (AMCA CERTIFIED),
BACKWARD CURVED BLOWERS, AXIAL FANS, CABINET INLINE FAN, PLUG FANS,
JET FAN, KITCHEN EXHAUST FAN, AIR HANDLING UNIT, AIR WASHER,
FAN COIL UNIT, DRY & WET SCRUBBER, TREATED FRESHAIR UNIT,
FAN SECTION, CIRCULAR INLINE FAN, CABINET INLINE FAN, PRE FABRICATED DUCT,
AIR DISTRIBUTION PRODUCTS, HVLS FANS, TURBO VENTILATION FANS,
FILTERS - PRE/FINE/ HEPA.

Certificate No : 20IQFV22

Initial Registration Date : 19/08/2020 Issuance Date : 19/08/2020

Date of Expiry : 18/08/2023

1st Surve. Due : 19/07/2021 2nd Surve. Due : 19/07/2022



Director









AQC MIDDLE EAST FZE.

Head Office: E1-1401 E Amber Gem Tower, Sheikh Khalifa Bin Zayed Road, 2, Ajman, UAE. e-mail: info@aqcworld.com, Key Location: 403, Madhuban Building, 55, Nehru Place, New Delhi-110019, India.

Walldity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal).

Certificate Verification: Plaue Re-check the validity of certificate at http://www.ageworld.com/activeclients.asyx or www.ageworld.com at Active Clients Certificate is the property of AQC Middle East FZE and shall be returned immediately when demanded



Product Overview





FABI SERIES

Double Inlet Double Width Backward Curved Fan













Introduction

FABC Series is a Double Inlet Double Width (DIDW) centrifugal blower with Backward Inclined wheel. These fans are suitable for Supply & exhaust application in commercial & industrial (HVAC) systems Maximum operating speed and power of each fan type is due to its mechanical design The operating limit of different fan types of FABC series is set according to the requirement of Class I, II & III limit as defined in **AMCA Standard** 99-16.

TECHNICAL SPECIFICATION

Wheel

The wheel of FABI series is made of Mild Steel backward inclined blades. To obtain maximum efficiency & low noise level, these wheel are specifically profiled. A die cast aluminum hub a precisely machined bore key is fitted to the wheel plates. The wheel is statistically & dynamically balanced.



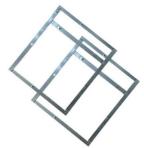
Housing

The housing is manufactured in galvanized sheet steel with the housing fixed to the side plates by using pittsburg lock for sizes.



Frame

For the "L" leg is made of GI sheet which is manufactured by processing of punching and bending in the way that ensures correct dimensions and also maximum rigidity in its class. For type "F" frames are of GI sheet angle at which GI sheet is sheared, bent and spot welded to form a rigid frame to provide strength and stability to the fan.



Shaft

Shafts are manufactured from EN8 carbon with key ways at both ends and at the center for hub wheel. All the dimension tolerance of the shaft are fully checked to ensure a precision fit. All the shafts are coated with anti-corrosion varnish after assembly



Bearings

All the bearings used are deep groove wall ball bearings type sealed at both side. The bearings are self-aligning with an eccentric collar for clamping onto the shaft and each bearing shaft and each bearing sits in the side of moulded rubber housing. All the bearings are lubricated forlife maintenance free under a normal operating conditions





FABIF Series

Double Inlet Double Width Belt Driven Backward Inclined Fan

Intrduction

FABI F series has a frame fitted on both sides of the fan which gives better strength and rigidity. It allows mounting in four different orientations.

Specification

Size :- 180 mm to 710mm

Capacity:- upto 20000 CFM







FABI P Series

Double Inlet Double Width Belt Driven Backward Inclined Fan

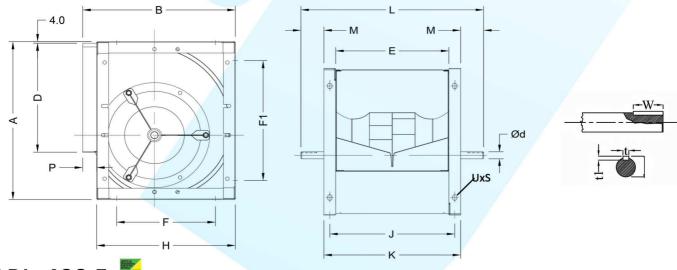
Intrduction

FABI P series has a welded frame, giving increased stiffness and rigidity required for higher operating performance.

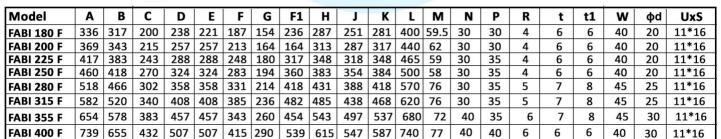
Specification

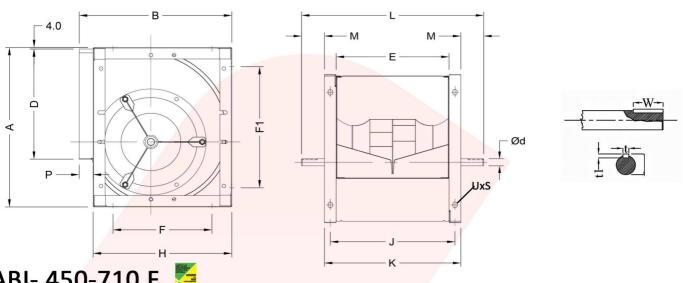
Size :- 800 mm to 1250 mm

Capacity:- upto 60000 CFM



FABI- 400 F

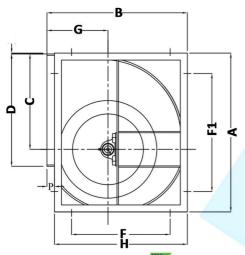


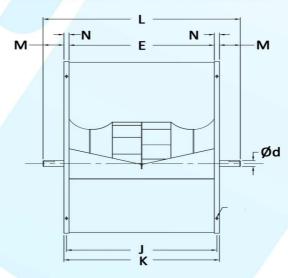


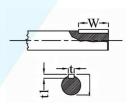
FABI- 450-710 F

Model	Α	В	С	D	E	F	G	F1	Н	J	К	L	М	N	Р	R	t	t1	W	фd	UxS
FABI 450 F	832	728	487	574	574	488	322	632	688	614	654	820	83	40	40	7	10	8	50	35	11*16
FABI 500 F	920	801	534	645	645	551	351	720	751	685	725	924	100	40	50	7	10	8	50	35	11*16
FABI 560 F	1030	900	603	720	720	650	397	830	850	770	820	1000	90	50	50	7	12	8	70	40	24*17
FABI 630 F	1156	1000	676	808	808	645	434	856	945	858	908	1100	96	50	55	8	14	9	70	45	24*17
FABI 710 F	1311	1127	770	908	908	767	488	1011	1067	958	1008	1235	114	50	60	8	14	9	90	50	24*17

- * All dimensions are in mm and it may vary at the time of production
- * Except FABI 180 F, all models are AMCA Certified.



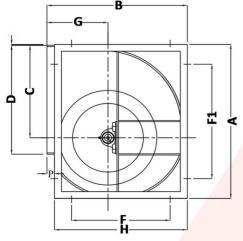


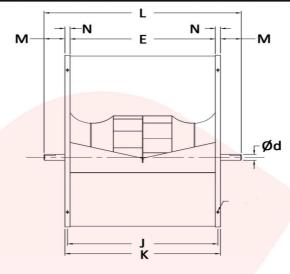


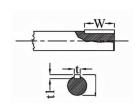
FABI- 400 P



Model	Α	В	С	D	E	F	G	F1	Н	J	K	L	М	N	Р	R	t	t1	W	фd	UxS
FABI 180 P	336	317	200	238	221	187	154	236	287	251	281	400	59.5	30	30	4	6	6	40	20	11*16
FABI 200 P	369	343	215	257	257	213	164	164	313	287	317	440	62	30	30	4	6	6	40	20	11*16
FABI 225 P	417	383	243	288	288	248	180	317	348	318	348	465	59	30	35	4	6	6	40	20	11*16
FABI 250 P	460	418	270	324	324	283	194	360	383	354	384	500	58	30	35	4	6	6	40	20	11*16
FABI 280 P	518	466	302	358	358	331	214	418	431	388	418	570	76	30	35	5	7	8	45	25	11*16
FABI 315 P	582	520	340	408	408	385	236	482	485	438	468	620	76	30	35	5	7	8	45	25	11*16
FABI 355 P	654	578	383	457	457	343	260	454	543	497	537	680	72	40	35	6	7	8	45	30	11*16
FABI 400 P	739	655	432	507	507	415	290	539	615	547	587	740	77	40	40	6	6	6	40	30	11*16







FABI- 450-1120 P 🌉



Model	Α	В	C	D	E	F	G	F1	Н	J	K	L	М	N	P	R	t	t1	W	фd	UxS
FABI 450 P	832	728	487	574	574	488	322	632	688	614	654	820	83	40	40	7	10	8	50	35	11*16
FABI 500 P	920	801	534	645	645	551	351	720	751	685	725	924	100	40	50	7	10	8	50	35	11*16
FABI 560 P	1030	900	603	720	720	650	397	830	850	770	820	1000	90	50	50	7	12	8	70	40	24*17
FABI 630 P	1156	1000	676	808	808	645	434	856	945	858	908	1100	96	50	55	8	14	9	70	45	24*17
FABI 710 P	1311	1127	770	908	908	767	488	1011	1067	958	1008	1235	114	50	60	8	14	9	90	50	24*17
FABI 800 P	1468	1255	862	1017	1017	830	540	1118	1180	1067	1117	1390	137	50	75	8	16	10	90	55	24*17
FABI 900 P	1650	1409	970	1145	1145	969	603	1300	1319	1195	1245	1560	158	50	90	9	18	11	90	60	24*17
FABI 1000 P	1810	1540	1065	1265	1265	1100	656	1460	1450	1315	1365	1730	183	50	90	9	20	12	100	70	24*17
FABI 1120 P	2033	1755	1200	1422	1422	1260	748	1633	1660	1472	1522	1930	204	50	95	9	20	12	100	70	24*17

^{*} All dimensions are in mm and it may vary at the time of production

^{*} Except FABI 180 P all models are AMCA Certified.



FABISD Series

Single Inlet Single Width Direct Driven Backward Inclined Fan

Intrduction

FABISD series has a frame fitted on one sides of the fan which gives strength and rigidity. Generally used for Exhaust of various applications like Dust Collector, Kitchen Exhaust, Industrial Exhaust.

Specification

Size :- 180 mm to 1250 mm

Capacity:- upto 30000 CFM







FABISB Series

Single Inlet Single Width Belt Driven Backward Inclined Fan

Intrduction

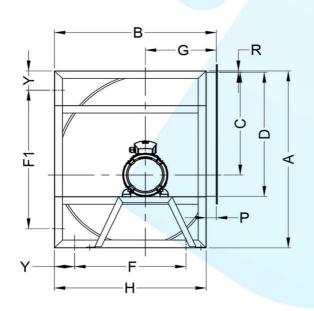
FABISB series has a frame fitted on one sides of the fan which gives strength and rigidity. Generally used for Exhaust of various applications like Dust Collector, Kitchen Exhaust, Industrial Exhaust.

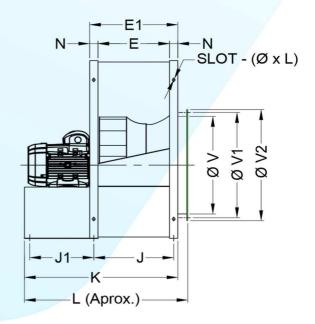
Specification

Size :- 180 mm to 1250 mm

Capacity:- upto 30000 CFM

Technical Details



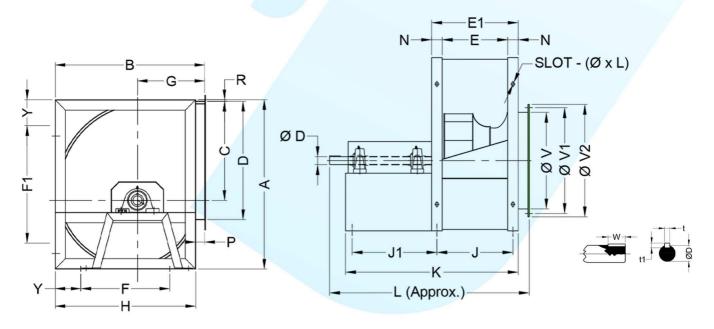


FABISD-200-1120

MODEL	Α	В	С	D	E	E1	F1	F	Y	G	н	J	J1*	K*	L*	N	P	R	ø٧	ØV1	ØV2	ØxL
FABISD-200	369	343	215	257	140	200	269	213	50	164	313	170	220	420	470	30	30	4	210	230	270	Ø11x16
FABISD-225	417	383	243	288	160	220	317	248	50	180	348	190	220	440	490	30	35	4	230	258	290	Ø11x16
FABISD-250	460	418	270	324	175	235	360	283	50	194	383	205	220	455	505	30	35	4	285	320	355	Ø11x16
FABISD-280	518	466	302	358	195	255	418	331	50	214	431	225	270	525	575	30	35	5	297	327	357	Ø11x16
FABISD-315	577	520	340	408	223	283	382	385	50	236	485	253	274	567	617	30	35	5	315	356	395	Ø11x16
FABISD-355	654	578	383	457	247	327	454	343	100	260	543	277	325	652	692	40	35	6	365	400	425	Ø11x16
FABISD-400	739	655	432	507	274	354	539	415	100	290	615	314	320	679	719	40	40	6	400	438	480	Ø11x16
FABISD-400	832	728	487	574	308	388	632	488	100	322	688	347	345	732	772	40	40	7	450	495	530	Ø11x16
FABISD-500	920	801	534	645	345	425	720	551	100	351	751	384	360	789	829	40	50	7	500	541	580	Ø11x16
FABISD-560	1030	900	603	720	383	483	830	650	100	397	850	432	378	860	910	50	50	7	500	605	646	Ø17x24
FABISD-630	1156	1000	676	808	433	533	956	745	100	434	945	483	400	933	983	50	55	8	630	674	716	Ø17x24
FABISD-710	1311	1127	770	908	479	579	1011	767	150	488	1067	529	420	999	1049	50	55	8	720	765	800	Ø17x24
FABISD-800	1469	1255	862	1017	533	633	1118	830	175	540	1180	583	440	1073	1123	50	75	8	800	837	866	Ø17x24
FABISD-900	1650	1409	970	1145	595	695	1300	969	175	603	1319	645	490	1185	1235	50	90	8	920	960	1000	Ø17x24
FABISD-1000	1810	1540	1065	1265	663	763	1460	1100	175	656	1450	713	510	1273	1323	50	90	8	1000	1043	1086	Ø17x24
FABISD-1120	2033	1725	1200	1422	744	844	1683	1280	175	748	1630	794	572	1416	1576	50	95	9	1105	1170	1205	Ø17x24

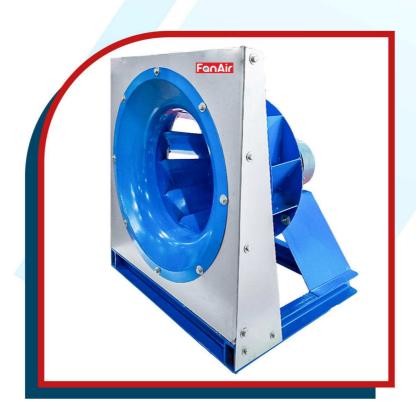






FABISB-200-1120

MODEL	Α	В	С	D	E	E1	F1	F	Y	G	н	J	J1*	K*	L*	N	Р	R	ø۷	ØV1	ØV2	ØxL
FABISB-200	369	343	215	257	140	200	269	213	50	164	313	170	220	420	470	30	30	4	210	230	270	Ø11x16
FABISB-225	417	383	243	288	160	220	317	248	50	180	348	190	220	440	490	30	35	4	230	258	290	Ø11x16
FABISB-250	460	418	270	324	175	235	360	283	50	194	383	205	220	455	505	30	35	4	285	320	355	Ø11x16
FABISB-280	518	466	302	358	195	255	418	331	50	214	431	225	270	525	575	30	35	5	297	327	357	Ø11x16
FABISB-315	577	520	340	408	223	283	382	385	50	236	485	253	274	567	617	30	35	5	315	356	395	Ø11x16
FABISB-355	654	578	383	457	247	327	454	343	100	260	543	277	325	652	692	40	35	6	365	400	425	Ø11x16
FABISB-400	739	655	432	507	274	354	539	415	100	290	615	314	320	679	719	40	40	6	400	438	480	Ø11x16
FABISB-450	832	728	487	574	308	388	632	488	100	322	688	347	345	732	772	40	40	7	450	495	530	Ø11x16
FABISB-500	920	801	534	645	345	425	720	551	100	351	751	384	360	789	829	40	50	7	500	541	580	Ø11x16
FABISB-560	1030	900	603	720	383	483	830	650	100	397	850	432	378	860	910	50	50	7	500	605	646	Ø17x24
FABISB-630	1156	1000	676	808	433	533	956	745	100	434	945	483	400	933	983	50	55	8	630	674	716	Ø17x24
FABISB-710	1311	1127	770	908	479	579	1011	767	150	488	1067	529	420	999	1049	50	55	8	720	765	800	Ø17x24
FABISB-800	1469	1255	862	1017	533	633	1118	830	175	540	1180	583	440	1073	1123	50	75	8	800	837	866	Ø17x24
FABISB-900	1650	1409	970	1145	595	695	1300	969	175	603	1319	645	490	1185	1235	50	90	8	920	960	1000	Ø17x24
FABISB-1000	1810	1540	1065	1265	663	763	1460	1100	175	656	1450	713	510	1273	1323	50	90	8	1000	1043	1086	Ø17x24
FABISB-1120	2033	1725	1200	1422	744	844	1683	1280	175	748	1630	794	572	1416	1576	50	95	9	1105	1170	1205	Ø17x24



FAPF Series

Single Inlet Single Width Backward Inclined Plug Fan

Intrduction

Plug Fan (FAPF) are the Backward Incline Centrifugal Fans which generally do not have the housing, it is known as Open Type Fan. Generally used in Pharma Industries, Fan Section

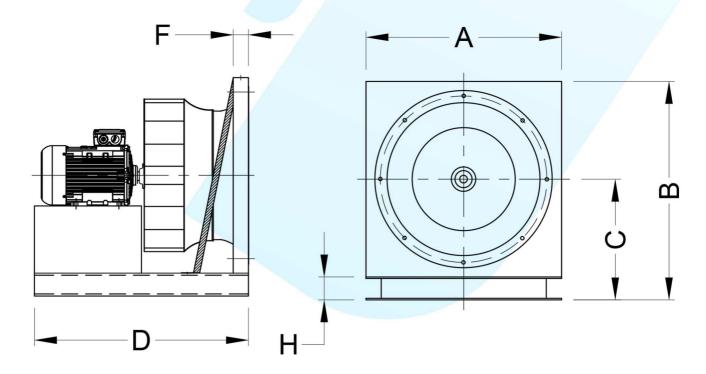
Spectification

Size:- 315 mm to 1000 mm

Capacity:- upto 30000 CFM







FAPF-315-1120

MODEL	Α	В	С	D*	F	Н
315	440	515	295	500	50	75
355	484	559	315	550	50	75
400	534	609	365	580	50	75
450	590	665	295	600	50	75
500	640	715	320	700	50	75
560	700	775	425	730	50	75
630	800	875	475	750	50	75
710	860	935	505	845	50	75
800	950	1050	575	1050	50	100
900	1100	1200	650	1150	50	100
1000	1200	1200	700	1260	50	100
1120	1320	1420	760	1360	50	100

NOTE:

- * All dimensions are in mm and it may vary at the time of production
- * D* (DIM. MAY CHANGE AS PER THE CHANGE IN MOTOR SIZE)
- *IMPELLER MOC: MS, FAN BASE MOC: MS, MOTOR BASE MOC: MS, INLET SECTION MOC: GPSP
- * TOLERANCE ±5 MM.



FanAir India Pvt. Ltd.

Sales Office :- 115, 1st Floor, Aggrawal City Square, Sector-2, Rohini, Delhi-110085

Factory :- A-09 Ghiloth Industrial Area (RIICO), Thesil- Neemrana, Distt. Alwar, Rajasthan-301706

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