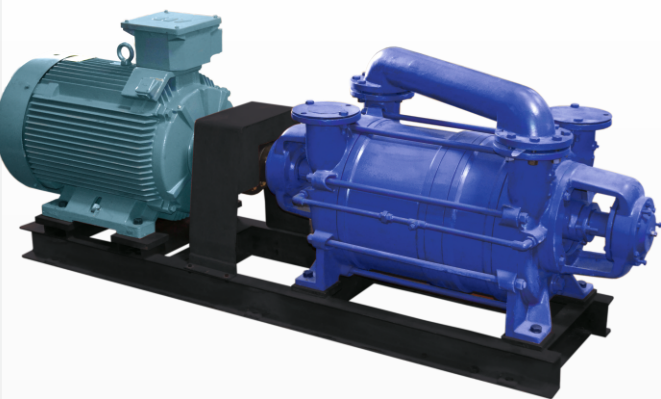




Kakati KDS series Liquid ring Vacuum Pumps

The two stage vacuum pumps are created for high vacuum applications. As the name suggests they have two stages integrated in one pump. They are designed to operate in low suction pressures while offering peak efficiency.

Common applications include turbine condenser evacuation, black liquor evaporation, vacuum distillations, vapour recovery systems etc.,

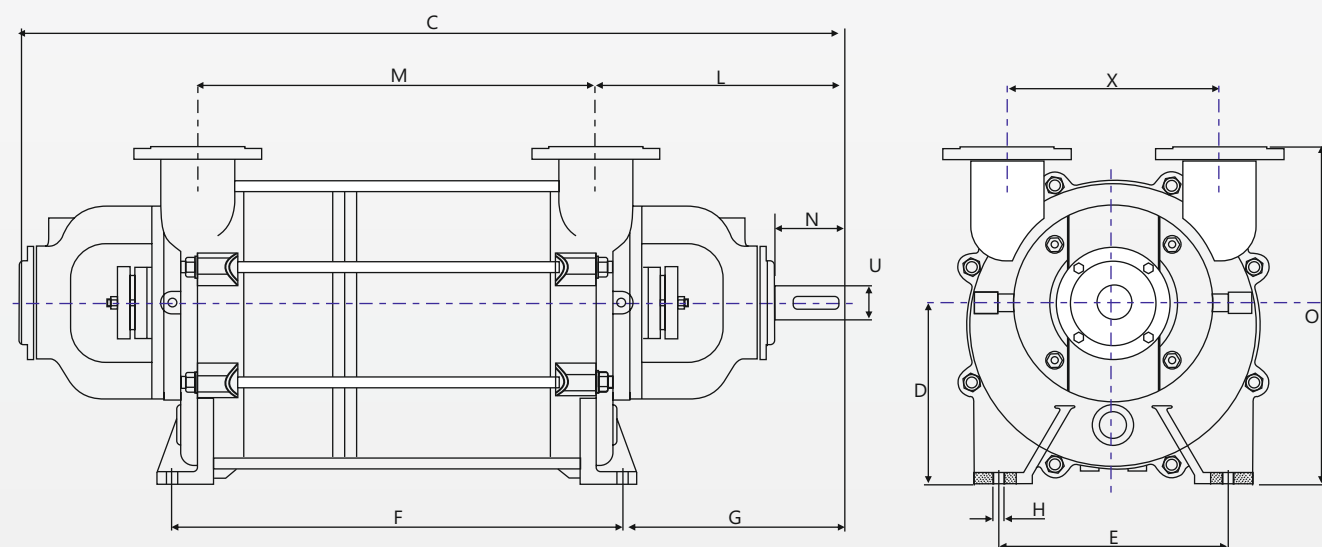
The pumps can be offered as a skid mounted package including motors, re-circulating pumps, heat exchangers and associated valves.

Basic specifications

Vacuum range	Upto 740 mmHg
Capacity	Upto 5000 m ³ /hr
Standard Construction material	Cast iron, Stainless Steel

*Incase of special material of construction please contact our sales team.

KDS-SERIES Vacuum Pumps overall dimensions:

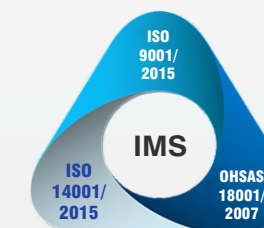


PUMP SIZE	FLANGE NB	E	H	D	O	X	F	M	L	C	G	N	U
KDS 400	80	320	22	250	465	290	523	440	351	1046	310	85	45
KDS 500	80	320	22	250	465	290	643	560	351	1166	310	85	45
KDS 700	100	400	22	320	595	370	656	545	433	1282	380	120	60
KDS 1000	100	400	22	320	595	370	806	695	433	1445	380	120	60
KDS 2750	100	380	22	320	595	370	551	695	368	1279	438	140	60
KDS 1300	100	400	22	320	595	370	906	795	433	1545	375	120	60
KDS 2950	100	380	22	320	595	370	651	795	368	1380	438	140	60
KDS 21200	150	500	26	430	800	500	600	800	500	1710	500	170	80
KDS 21850	150	500	26	430	800	500	900	1100	500	2004	500	170	80
KDS 22500	200	600	30	560	1010	600	1130	1350	500	2220	607	210	110

Note : All dimensions are in 'mm' & subject to change without notice.

Kakati®
Vacuum Pumps & Systems

50+
Years of
Expertise
Estd.1965



KDS - Series Liquid Ring Vacuum Pumps

KAKATI Quality

All the castings are tested for surface, mechanical & chemical defects before taken up for machining.

All the rotor-shaft assemblies are dynamically balanced according to ISO 1940-Gr 6.3 standard.

Each and every pump is tested before despatch for

Capacity & Power:

BS:1571 part 2 1975 and Pneurop 6612-1984 standards.

or

HEI 2854

Vibration:

ISO 2372 class IIC.

Unique Features

- Integral two stage design with two rotors for ease of maintenance
- Can be assembled with a wide variety of single and double mechanical seals based on customer requirement
- Shorter bearing housing models with mechanical seals available on request

...over 50 years of expertise
in quality, service
and customer satisfaction.

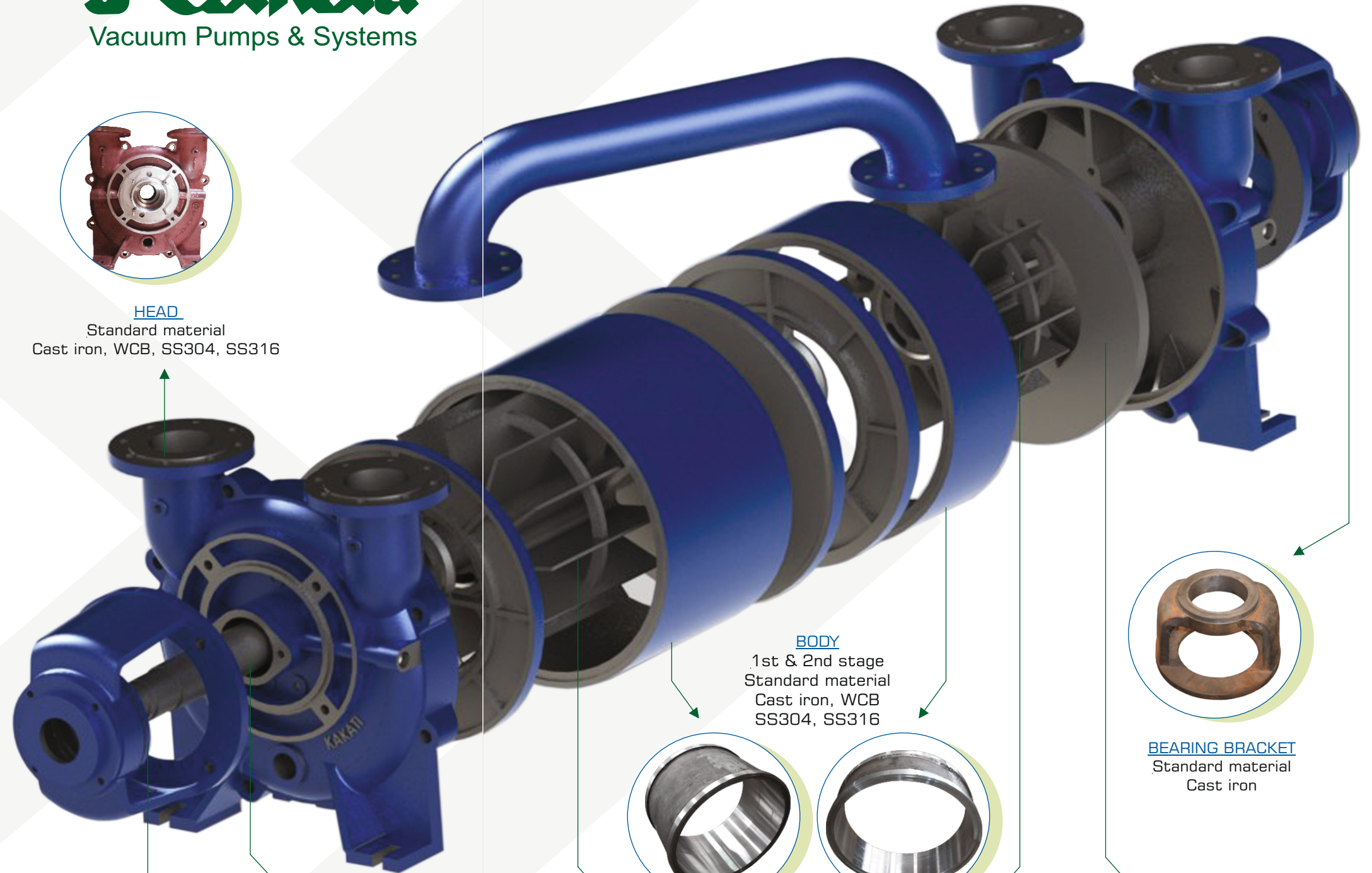
Kakati®

Vacuum Pumps & Systems



HEAD

Standard material
Cast iron, WCB, SS304, SS316



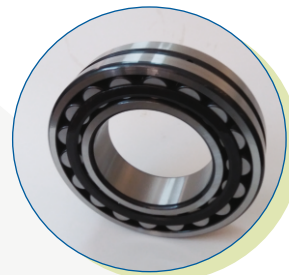
BODY

1st & 2nd stage
Standard material
Cast iron, WCB
SS304, SS316



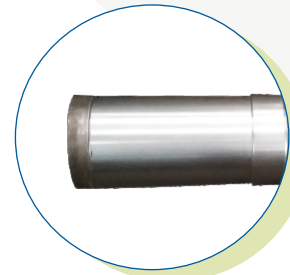
BEARING BRACKET

Standard material
Cast iron



BEARING

Standard Makes
like Timken, SKF
and FAG



SHAFT

Material:
SS304, SS316,
SS410, EN8, EN24.



ROTOR

1st and 2nd stage
Standard material
WCB, SS304, SS316



PORT PLATES

Standard material
Cast iron, WCB
SS304, SS316

