

CAT SERIES

Double Stage Water Ring Vacuum Pump



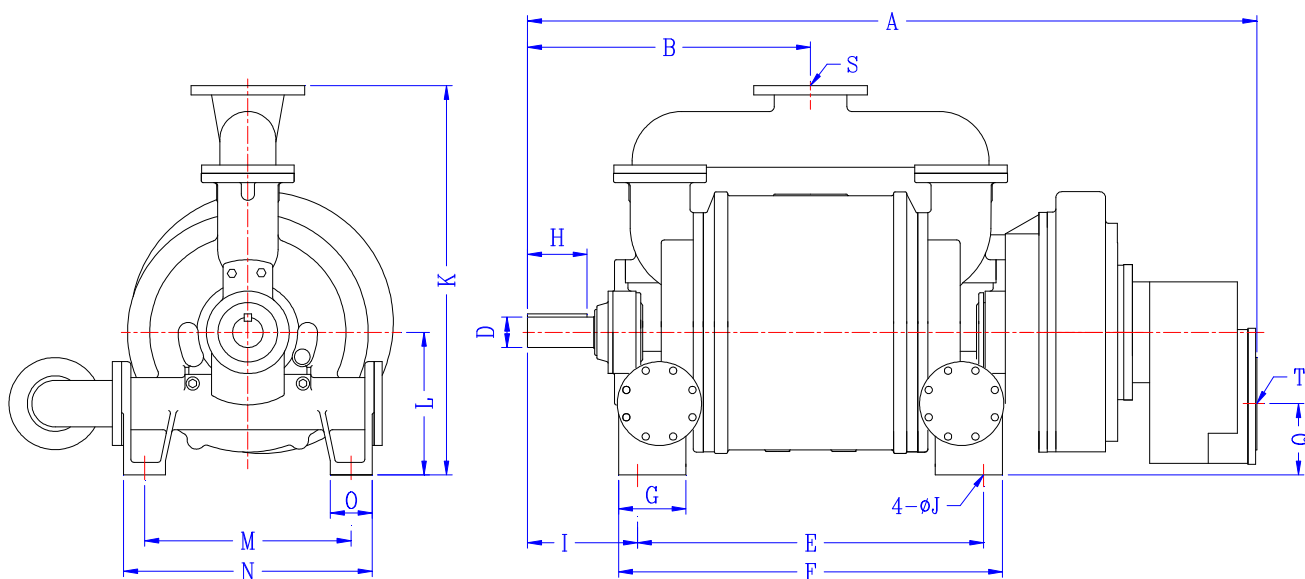
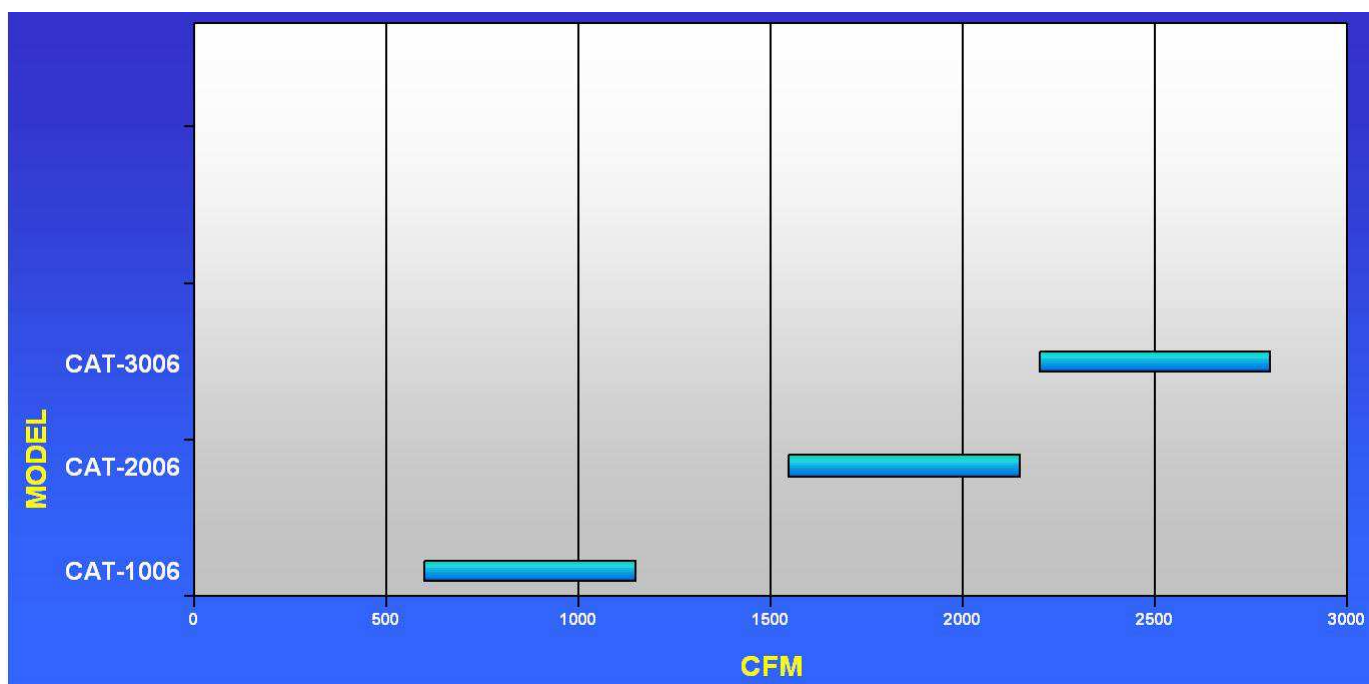
Technical Data	
Pump type	CAT SERIES
Capacity CFM	600~2800
Noise dB(A)*	83~88
Weight KGs	1200~4600

* With silencer and after inlet and outlet piping in 200Torr.

Model Order Code		
<u>CAT - 10 06 FCD 1M</u>		
CAT	CUTES Corporation Double stages Liquid Ring Vacuum Pump - Conical cones design	
10	Capacity 1000CFM	
06	Operating Vacuum range	06 : cones with gas return slots
FCD	Material Construction Code. Ref. below table	
1M	Seal	Empty : Gland Packing 1M : Single Mech. Seal 2M: Double Mech. Seal

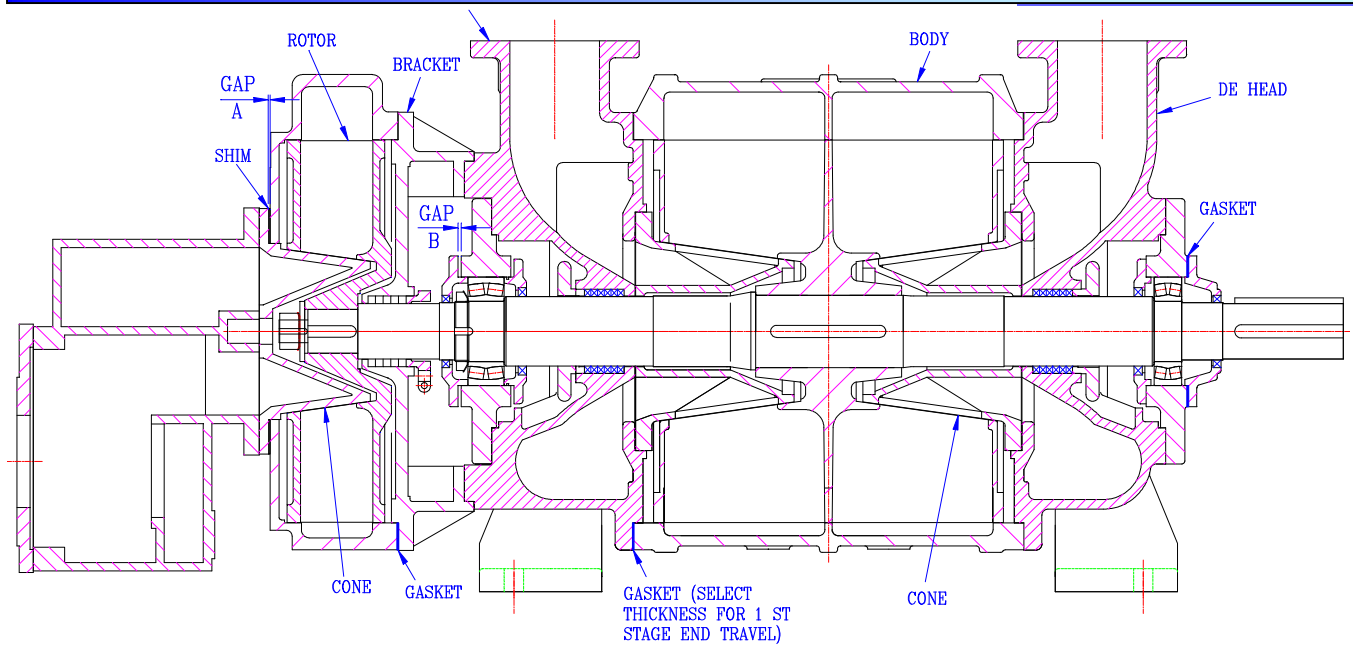
Parts Name	FCD	STD	BVC	FXE4	XVE4	XVS	SS4	PVC	PVS	SS6
Cones	FC25	FC25	SCS13	FC25	SCS13	SCS13	SCS13	SCS14	SCS14	SCS14
Head	FC25	FC25	FC25	FC25	FC25	FC25	SCS13	FC25	FC25	SCS14
Housing	FC25	FC25	FC25	FC25	FC25	SCS13	SCS13	FC25	SCS14	SCS14
Lining	----	----	----	304SS	304SS	----	----	----	----	----
Shaft	S45C	S45C	SS410	S45C	SS410	SS410	SS410	SS410	SS410	SS410
Cladding Plate	----	----	----	304SS	304SS	304SS	----	316SS	316SS	----
Bearing Bracket	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40
Bearing Cap	FC25	FC25	FC25	FC25	FC25	FC25	FC25	FC25	FC25	FC25
Rotor	FCD40	SCS13	SCS13	FCD40	SCS13	SCS13	SCS13	SCS14	SCS14	SCS14

Capacity

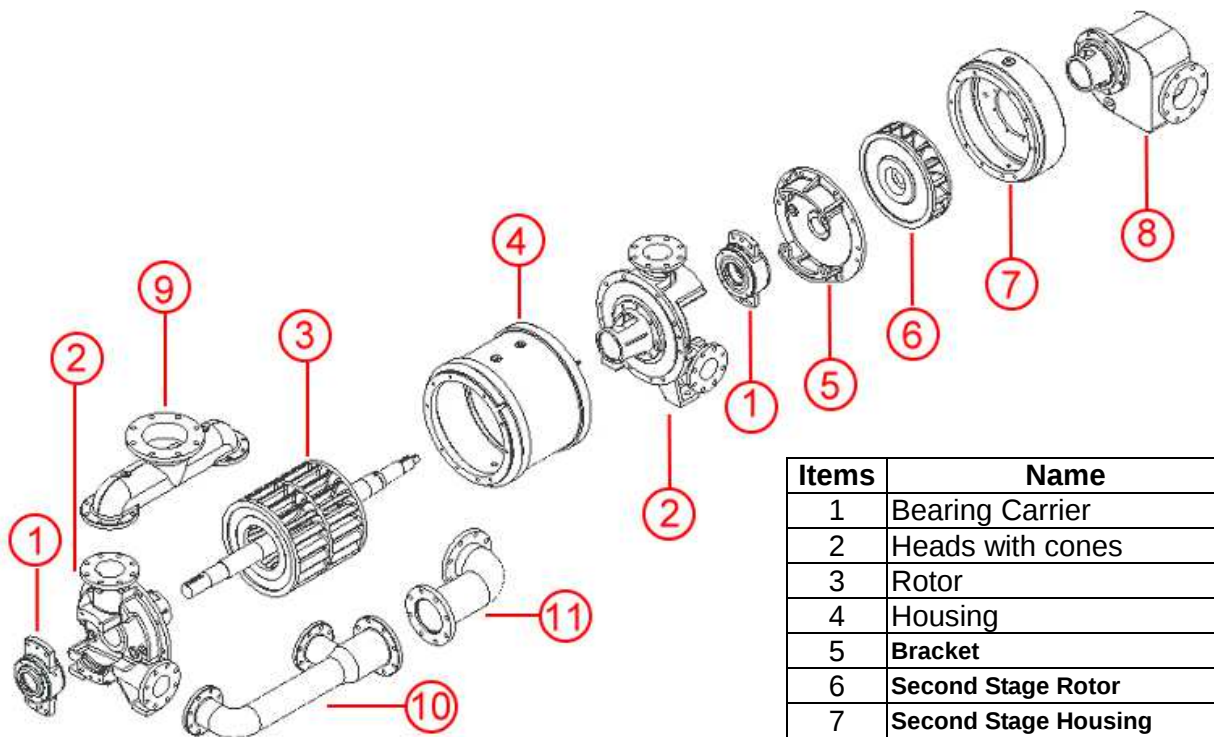


	A	B	D	E	F	G	H	I	J	K	L	M	N	O	Q	S	T	Piping
CAT-1006	1778	667	38.1	632	708	116	100	351	25	901	305	419	480	78	194	8"	5"	1"
CAT-2006	2200	854	92.75	1044	1158	203	180	332	32	1180	432	622	750	126	216	8"	6"	1"
CAT-3006	2515	978	101.6	1232	1344	222	200	362	32	1674	533	711	864	146	178	10"	8"	1"

Section Drawing



Exploded View



Items	Name
1	Bearing Carrier
2	Heads with cones
3	Rotor
4	Housing
5	Bracket
6	Second Stage Rotor
7	Second Stage Housing
8	Second Stage Head
9	Inlet Manifold
10	First Stage Outlet Manifolds
11	Weld Neck Flange