

CENTRIFUGAL PUMPS

MODEL CA

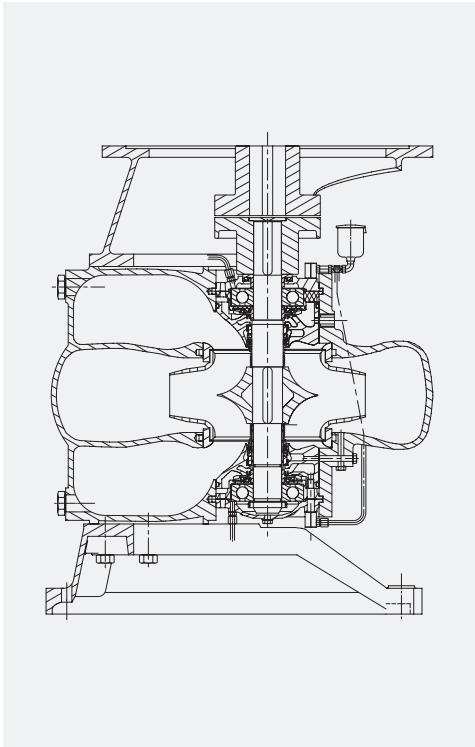
SECTIONAL DRAWING CAC SINGLE STAGE

Description
Between bearings pumps which can operate in both vertical inline foot mounted and horizontal installations.

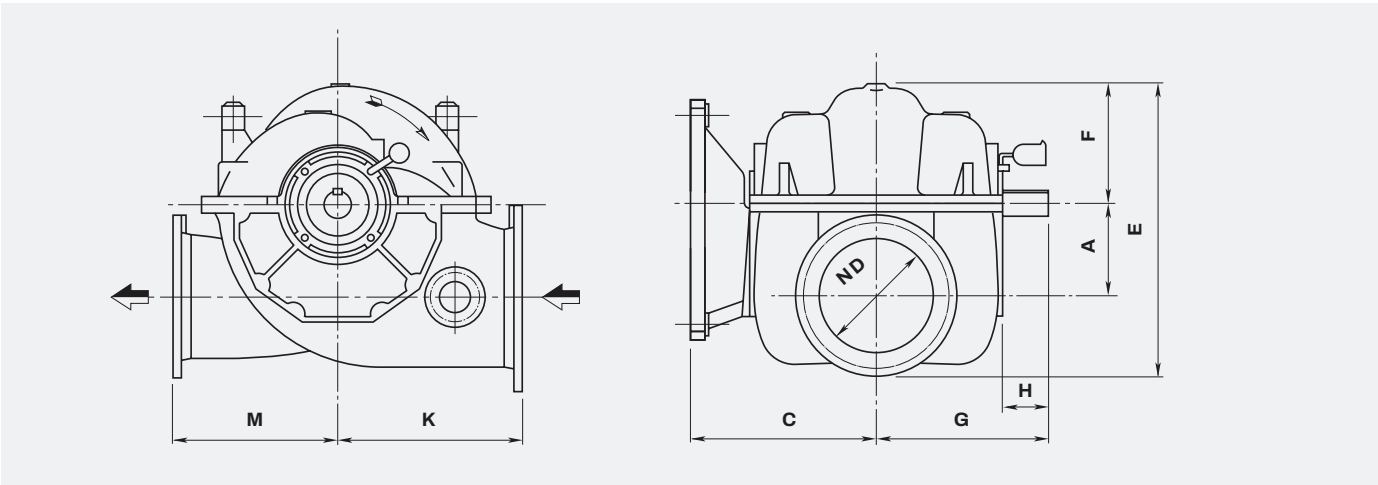
Available in both single and two stage impeller. Compact axially split casing design with double suction capabilities with low NPSH requirement.

Single Stage
Capacity:
800-4500 m³/h
Differential pressure:
up to 40 mlc.

Two Stage
Capacity:
100-400 m³/h
Differential pressure:
up to 120 mlc.



TECHNICAL SPECIFICATION



DIMENSIONS (MM)

Pump Size	Inlet ND	Outlet ND	A	C	E	F	G	H	K	M
CAC 200	200	200	200	400	395	256	345	120	400	440
CAC 250	250	250	225	400	423	288	345	120	450	470
CAC 300	350	300	250	425	792	316	370	120	560	620
CAD 350	400	350	280	563	563	355	523	135	560	970
CAD 400	450	400	340	600	648	415	523	98	630	1270
CAD 450	500	450	380	705	715	480	618	93	750	1610
CAD 500	600	500	400	705	790	505	618	93	780	1700

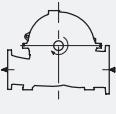
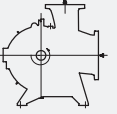
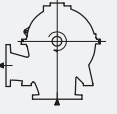
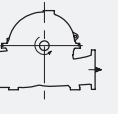
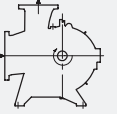
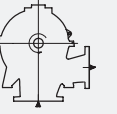
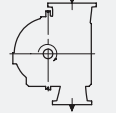
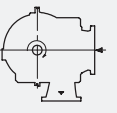
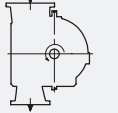
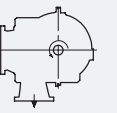
*Approximate Weight

CONSTRUCTION CODE

PUMPTYPE	CA	MATERIALS OPTION FOR IMPELLER
PUMP SIZE & MODEL		A - Ni Al Bronze - ASTM B148 958
C200 C250 C300	C125R	Z - Super Duplex - ASTM A890 CE3M
D350 D400 D40		S - Stainless Steel - ASTM A743 CF8M
PUMP VERSION		MATERIALS OPTION FOR SHAFT
R - Regular	H048	N - Duplex - AISI 329, UNS 31803
S - Special		FLANGE OPTIONS AND SIZES
PUMP CONFIGURATION	AAN	D - DIN PN 16 or 25
H048/V048		J - JIS 16K or 20K
H031	D	A - ANSI 150lbs or 300lbs
H068/V068		DRIVER SIZES AND COUPLING OPTIONS
H084/V084	F01C1	MECHANICAL SEALS OPTIONS
H911		C - Unbalanced Carbon/Ceramic Faces
H064/V064	CNB	S - Unbalanced Silicon Carbide/Carbon Faces
MATERIALS OPTION FOR CASING		ELASTOMERS MATERIALS
A - Ni Al Bronze - ASTM B148 958		N - Nitrile
Z - Super Duplex - ASTM A890 CE3M		V - Viton
S - Stainless Steel - ASTM A743 CF8M		WEARING MATERIALS
		B - Bronze
		C - Composite Materials - PEEK or similar alternative

NOTE: For casings and impellers various additional material options may be available on request. e.g. other grades of bronze, Duplex, Nodular Cast Iron etc. For shafts various materials available on request e.g. Monel, Super Duplex - UNS32760 etc. Various mechanical seal options available on request e.g. balanced seal, harden faced seal faces, Hastelloy metals parts etc. For elastomers materials other options available on request e.g. EPDM.

PUMP CONFIGURATION

H048	H031	H068	H084	H911	H064	H=Horizontal V=Vertical
						
V048		V068	V084		V064	
						

CAPACITY RANGE

