

CENTRIFUGAL PUMPS

MODEL CG

SECTIONAL DRAWING

Description

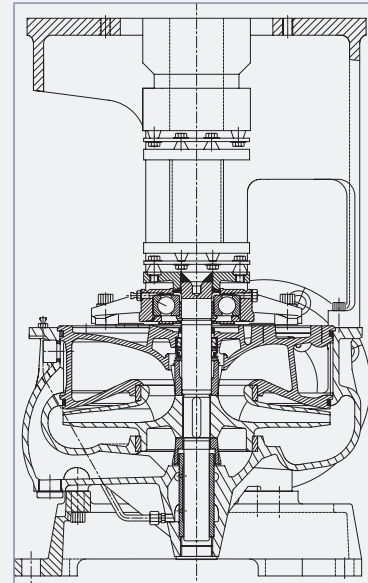
Vertical inline single stage pump in single suction impeller, radially split casing with flexible spacer coupling and hydrodynamic sleeve bearing.

Capacity:

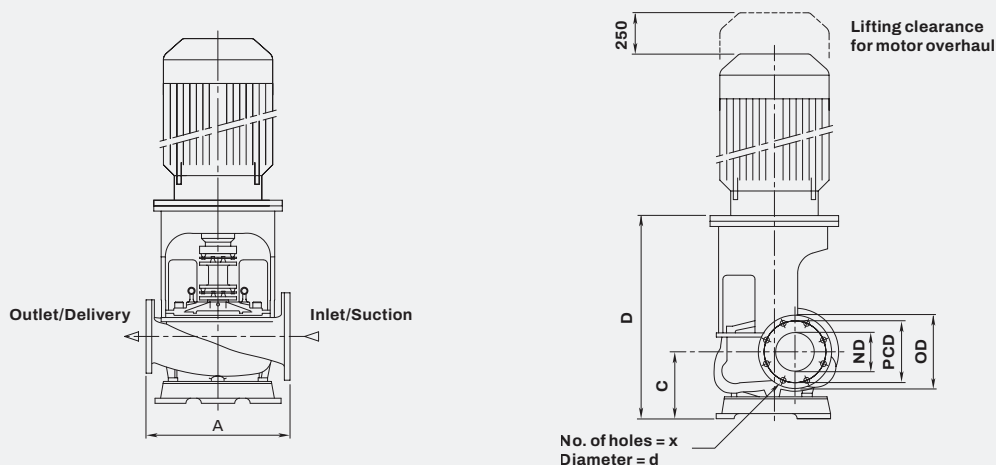
30-1100 m³/h

Differential pressure:

15-120 mlc.



TECHNICAL SPECIFICATION



DIMENSIONS (MM)

Pump Size	Flange Dimensions to DIN2501 Pressure rating 10 bar										Dimensions			Weight* (kg)
	Delivery flange					Suction flange								
	ND	OD	PCD	d	x	ND	OD	PCD	d	x	A	C	D	
CGA 50	50	165	125	18	4	65	185	145	18	4	420	195	578	110
CGA 65	65	185	145	18	4	80	200	160	18	8	420	196	584	120
CGB 80	80	200	160	18	8	100	220	180	18	8	450	218	643	130
CGB 100	100	220	180	18	8	125	250	210	18	8	450	224	657	145
CGC 125	125	250	210	18	8	150	285	240	22.5	8	500	247	744	165
CGC 150	150	285	240	22.5	8	200	340	295	22.5	8	560	260	768	185
CGD 200	200	340	295	22.5	8	250	395	350	22.5	12	630	332	970	215
CGD 250	250	395	350	22.5	12	300	445	400	22.5	12	710	382	1020	260
CGE 300	300	445	400	22.5	12	350	505	460	22.5	16	800	490	1257	320
CGE 350	350	505	460	22.5	16	400	565	515	26.5	16	900	560	1327	410

*Approximate Weight



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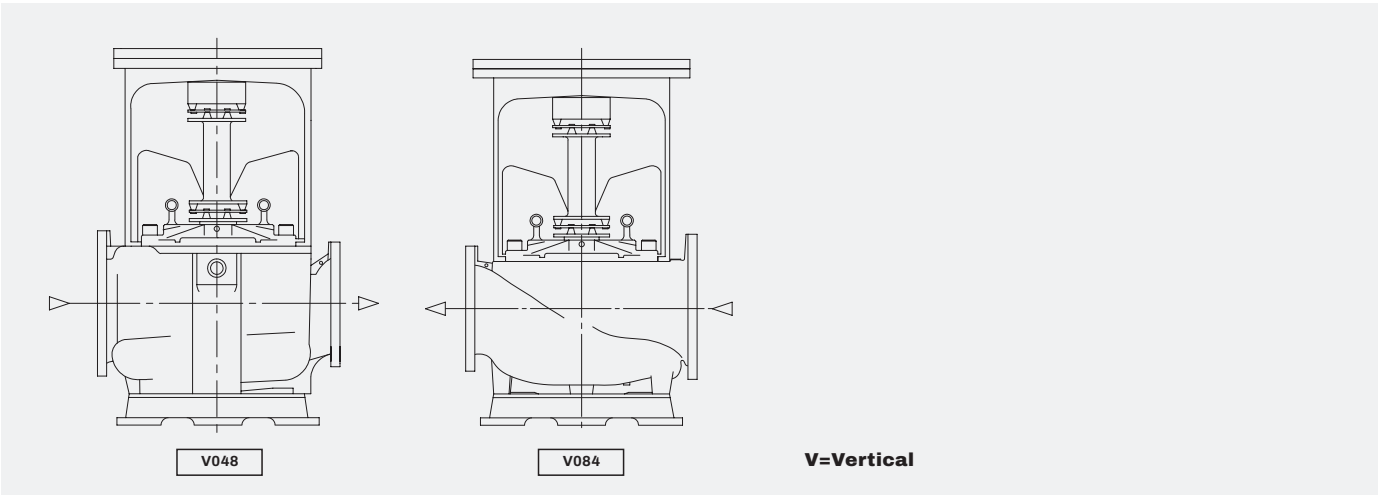
An ITT Company

CONSTRUCTION CODE

PUMPTYPE		CGC150R	MATERIALS OPTION FOR SHAFT
PUMP SIZE & MODEL		V048	N - Duplex - AISI 329, UNS 31803
A50 A65 B80 B100 C125 C150			DRIVER OPTIONS
D200 D250 E300 E350			B - With Motor Pedestal
PUMP VERSION		AAN	T - Bare Shaft Pump Without Pedestals
R - Regular			PEDESTAL TYPE AND COUPLING OPTIONS
S - Special		B01C1	MECHANICAL SEALS OPTIONS
PUMP CONFIGURATION			C - Unbalanced Carbon/Ceramic Faces
V048		CNB	S - Unbalanced Silicon Carbide/Carbon Faces
V084			ELASTOMERS MATERIALS
MATERIALS OPTION FOR CASING			N - Nitrile
A - Ni Al Bronze - ASTM B148 958			V - Viton
Z - Super Duplex - ASTM A890 CE3M			WEARING MATERIALS
S - Stainless Steel - ASTM A743 CF8M			B - Bronze
MATERIALS OPTION FOR IMPELLER			C - Composite materials – PEEK or similar alternative
A - Ni Al Bronze - ASTM B148 958			
Z - Super Duplex - ASTM A890 CE3M			
S - Stainless Steel - ASTM A743 CF8M			

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. For driver options others transmission devices e.g. gear coupling available on request. Other coupling options are available on request. 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. Product lubricated sleeve bearing is available on request.

PUMP CONFIGURATION



CAPACITY RANGE

