DSN

Pumps & Solutions

Delivering Value...

HYDROSPRING I HYDROMINI I HYDROCURRENT

WASTEWATER & SEWAGE PUMPS

IDEAL FOR -

BUILDING SERVICES • DRAINAGE & DEWATERING • WATER & WASTE WATER
SEWAGE & EFFLUENT • GOVT. UTILITIES • DOCKS & MARINES



www.dsnfluidsolutions.com

HYDROMINI
0.37kW to 3.7kW
MNI Series



Tech. Specifications*

Rating	:	0.37kW to 3.7kW
Flow	:	Up to 40 m^3/hr
Head	:	Up to 34 m
Pole	:	2 Pole
Frequency	:	50Hz
Voltage Variants	:	380V to 660V
Power Supply*	:	Single Phase / Three Phase, AC
Starting	:	DOL
Motor	:	Dry

Process Data

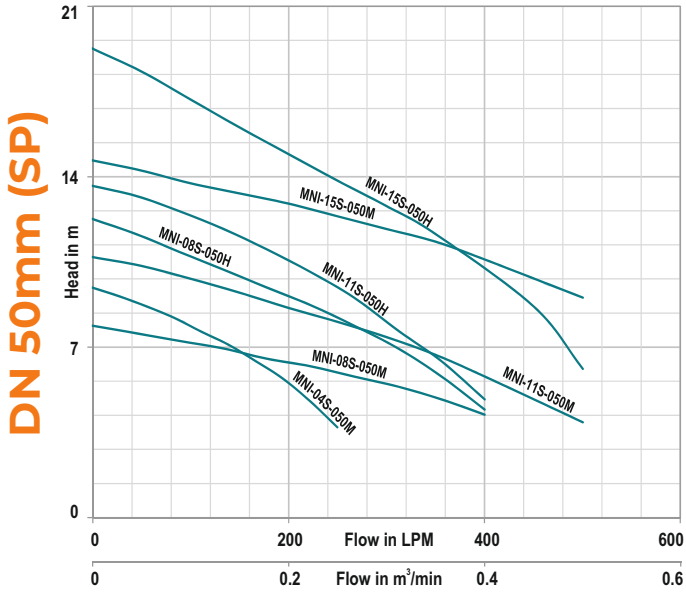
Liquid Temperature	:	-5°C to 40°C
Liquid Density	:	Max 1100 kg/m^3
Suitable for Liquid pH	:	6 to 8
Solid Passage	:	Up to 50 mm

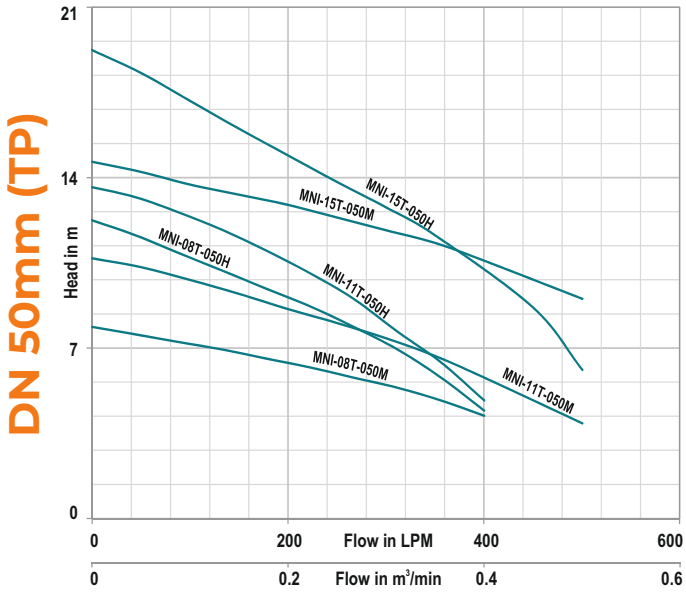
Materials*

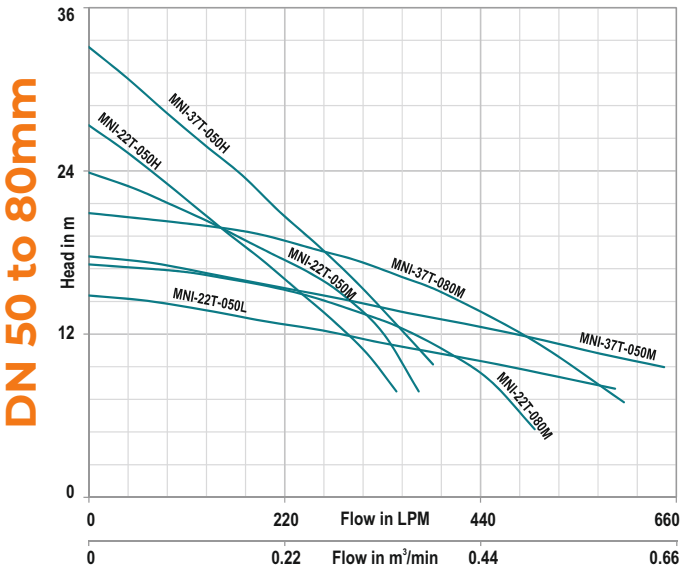
Impeller	:	CI FG 200/CF8M
Shaft	:	Stainless Steel
Casing	:	CI FG 200/CF8M
Mech. Seal	:	Carbon v/s Ceramic, Carbon v/s Ceramic (Dual Face)

* Option of complete pump in special MOC is also available

Pump Performance



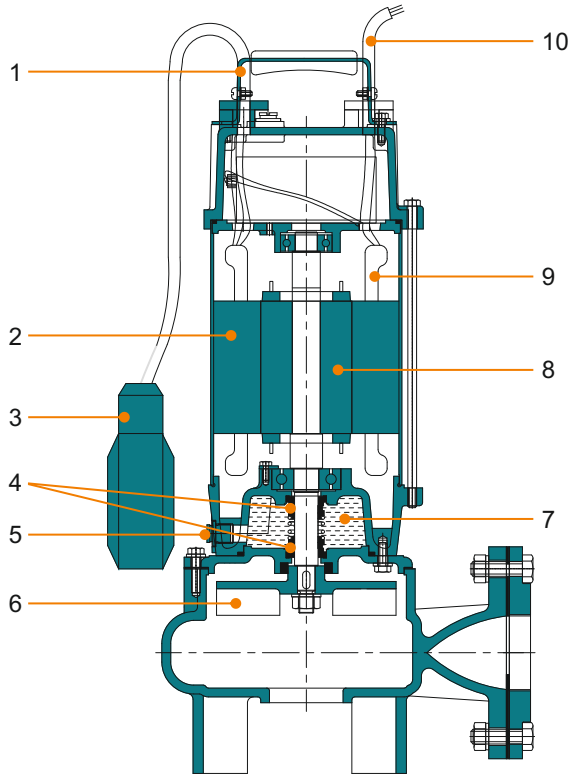




HYDROMINI
0.37kW to 3.7kW
MNI Series



Cross Sectional View



Features

1. Lifting Handle
2. SS Motor Body
3. Float Ball
4. Dual Face Mechanical Seals
5. Oil level control
6. Choice of vortex / radial impeller
7. Seal Chamber
8. Dynamically balanced Al.die-cast rotor for higher starting torque
9. Highly efficient Dry motor
10. Rubberized submersible cable

Dimensions

MODEL	RATING in kW	DN SIZE	SOLID PASSAGE	MINIMUM SUBMERGENCE	W	H	NET WEIGHT
MNI-04S-50M	0.37	50	35	300	230	400	14
MNI-08S-050H	0.75	50	35	335	270	450	24.5
MNI-08T-050H	0.75	50	35	335	270	450	24.5
MNI-08S-050M	0.75	50	50	360	240	480	25.5
MNI-08T-050M	0.75	50	50	360	240	480	25.5
MNI-11S-050H	1.1	50	35	335	270	450	25
MNI-11T-050H	1.1	50	35	335	270	450	25
MNI-11S-050M	1.1	50	50	360	240	480	26
MNI-11T-050M	1.1	50	50	360	240	480	26
MNI-15S-050H	1.5	50	35	355	270	470	26
MNI-15T-050H	1.5	50	35	355	270	470	26
MNI-15S-050M	1.5	50	50	380	240	495	28
MNI-15T-050M	1.5	50	50	380	240	495	28
MNI-22T-050L	2.2	50	40	390	335	515	44
MNI-22T-050M	2.2	50	20	365	250	495	44
MNI-22T-080M	2.2	80	35	375	265	505	44
MNI-22T-050H	2.2	50	10	355	285	485	44
MNI-37T-050M	3.7	50	40	390	335	515	47
MNI-37T-080M	3.7	80	35	375	265	505	47
MNI-37T-050H	3.7	50	10	355	285	485	47

Note : All dimensions are in mm | W - Weight in Kg | H- Height

HYDROSPRING
2.2kW to 55kW
SNG Series



Tech. Specifications*

Rating	:	2.2kW to 55kW
Flow	:	Up to 300 m^3/hr
Head	:	Up to 88 m
Pole	:	2 Pole
Frequency	:	50Hz/60Hz
Voltage Variants	:	380V to 660V
Power Supply	:	Three Phase, AC
Starting	:	DOL (Up to 9.3kW), Star-Delta (Up to 55kW)
Motor	:	Dry

Process Data

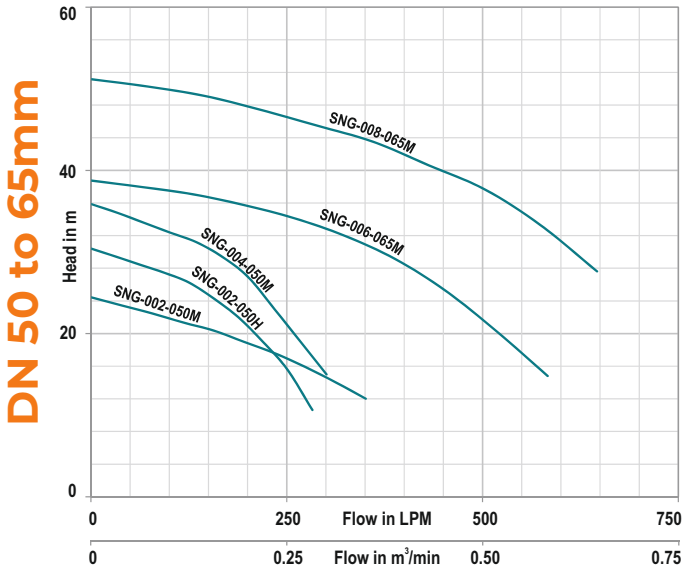
Liquid Temperature	:	-5°C to 40°C
Liquid Density	:	Max 1100 kg/m^3
Suitable for Liquid pH	:	6 to 8
Solid Passage	:	Up to 40 mm

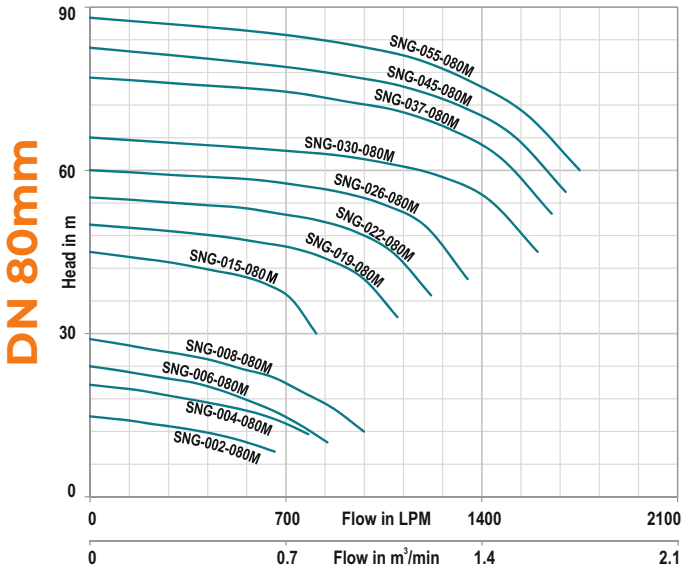
Materials*

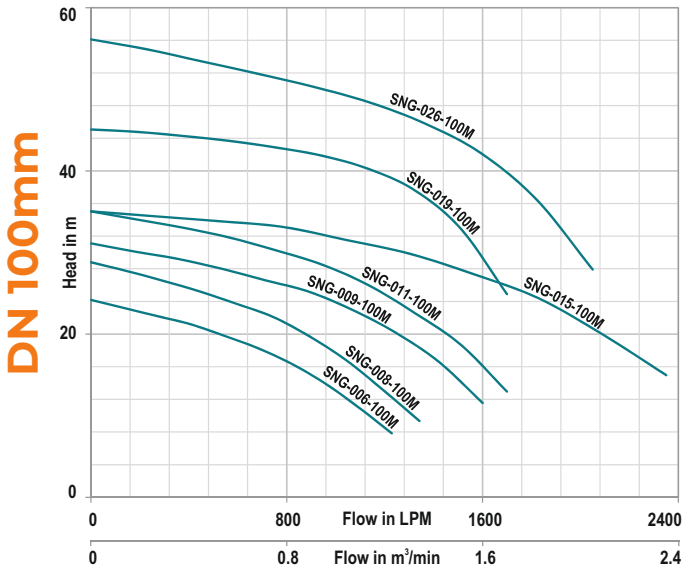
Impeller	:	CI FG 200
Shaft	:	Stainless Steel
Casing	:	CI FG 200
Mech. Seal (M)	:	Carbon v/s Ceramic, Carbon v/s Alloy Steel
Mech. Seal (P)	:	Sic v/s Sic

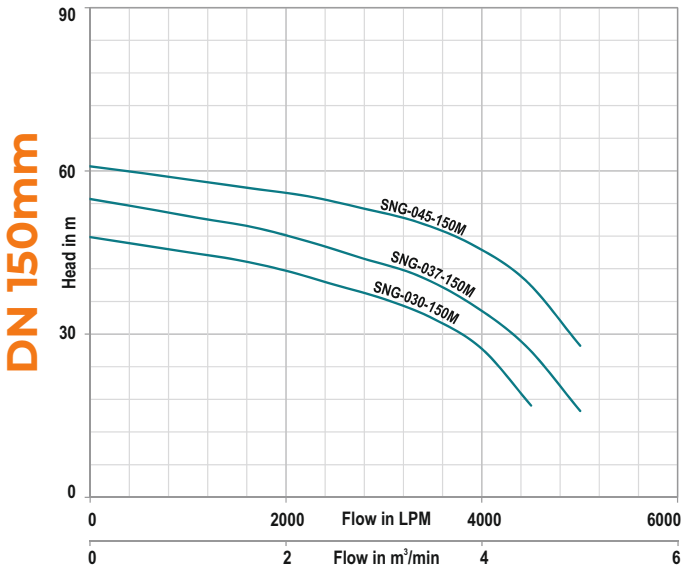
* Option of complete pump in special MOC is also available

Pump Performance





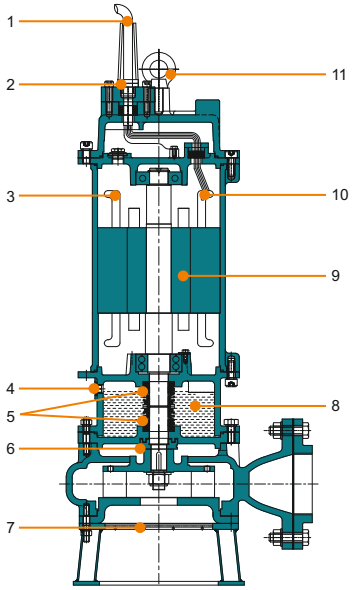




HYDROSPRING
2.2kW to 55kW
SNG Series



Cross Sectional View



Features

1. Rubberized submersible cable
2. Specially designed Cable gland to avoid undue stress on cable joint
3. Highly efficient Dry motor
4. Oil level control
5. Dual mechanical seal & minimal pumping pressure on Seal
6. SS Sleeve - Minimal wear & tear, fully covered shaft, no exposure to external liquid & save mechanical seal from pressurized liquid
7. Strainer to avoid large solids
8. Seal Chamber
9. Dynamically balanced Al.die- cast rotor for higher starting torque
10. Thermal overload protection
11. Lifting Eye-Bolt

Dimensions

MODEL	RATING in kW	DN SIZE	SOLID PASSAGE	MINIMUM SUBMERGENCE	W	H	NET WEIGHT
SNG-002-050M	2.2	50	20	530	235	685	52
SNG-002-080M	2.2	80	35	490	250	640	58
SNG-002-050H	2.2	50	8	495	265	645	62
SNG-004-080M	3.7	80	35	490	250	640	60
SNG-004-050M	3.7	50	8	495	265	645	64
SNG-006-080M	5.5	80	35	570	305	720	83
SNG-006-100M	5.5	100	40	530	305	680	75
SNG-006-065M	5.5	65	8	535	325	685	83
SNG-008-080M	7.5	80	35	605	305	755	93
SNG-008-100M	7.5	100	40	565	305	715	85
SNG-008-065M	7.5	65	8	570	325	720	93
SNG-009-100M	9.3	100	40	660	390	820	114
SNG-011-100M	11	100	40	675	390	875	195
SNG-015-100M	15	100	10	700	390	900	205
SNG-015-080M	15	80	40	760	430	960	249
SNG-019-100M	18.5	100	10	740	390	940	233
SNG-019-080M	18.5	80	40	795	430	995	308
SNG-022-080M	22	80	40	855	430	1055	320
SNG-026-100M	26.1	100	10	800	390	1000	305
SNG-026-080M	26.1	80	40	855	430	1055	322
SNG-030-080M	30	80	40	975	430	1175	330
SNG-030-150M	30	150	40	980	480	1180	370
SNG-037-150M	37	150	40	1020	480	1280	410
SNG-037-080M	37	80	40	990	430	1250	405
SNG-045-080M	45	80	40	1160	430	1420	565
SNG-045-150M	45	150	40	1190	480	1450	565
SNG-055-080M	55	80	40	1160	430	1420	600

Note : All dimensions are in mm | W - Weight in Kg | H- Height

HYDROCURRENT
2.2kW to 150kW
CNT Series



Tech. Specifications*

Rating	:	2.2kW to 150kW
Flow	:	Up to 1140 m^3/hr
Head	:	Up to 68 m
Pole	:	4 Pole
Frequency	:	50Hz/60Hz
Voltage Variants	:	380V to 660V
Power Supply	:	Three Phase, AC
Starting	:	DOL (Up to 7.5kW), Star-Delta (Up to 150kW)
Motor	:	Dry

Process Data

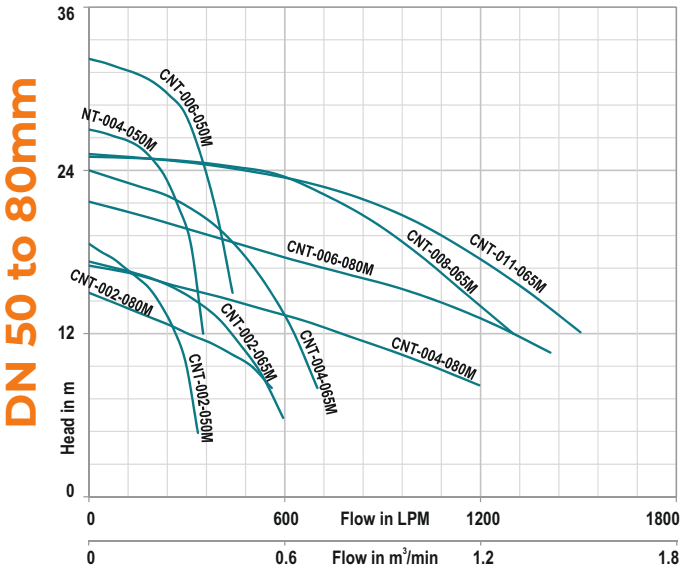
Liquid Temperature	:	-5°C to 40°C
Liquid Density	:	Max 1100 kg/m^3
Suitable for Liquid pH	:	6 to 8
Solid Passage	:	Up to 100 mm

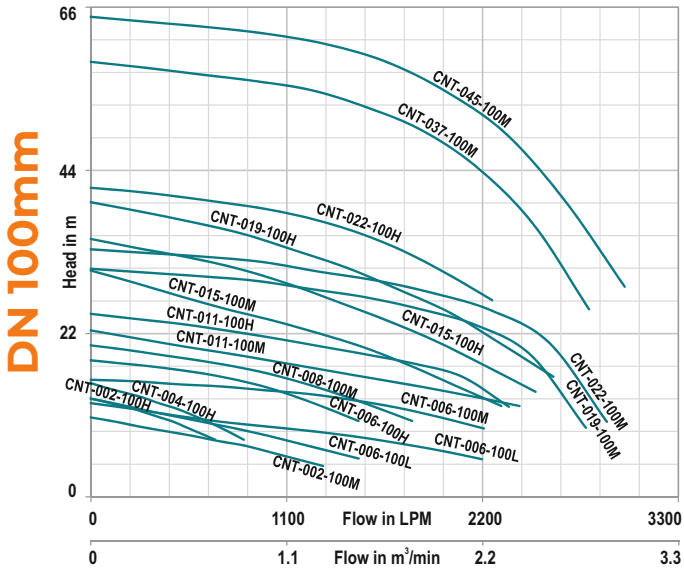
Materials*

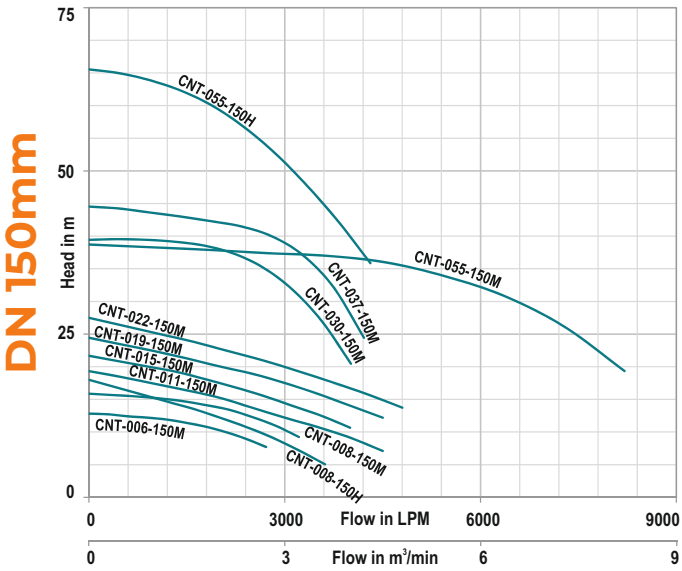
Impeller	:	CI FG 200 / CF8M
Shaft	:	Stainless Steel
Casing	:	CI FG 200 / CF8M
Mech. Seal (M)	:	Carbon v/s Ceramic, Carbon v/s Alloy Steel
Mech. Seal (P)	:	Sic v/s Sic

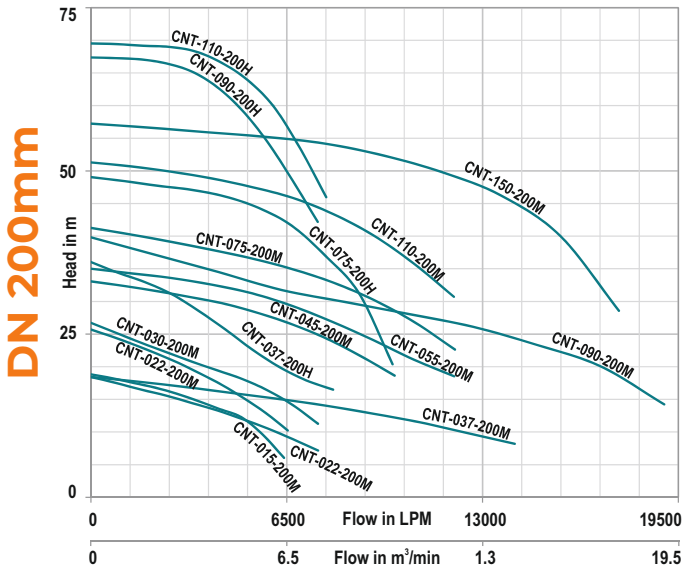
* Option of complete pump in special MOC is also available

Pump Performance





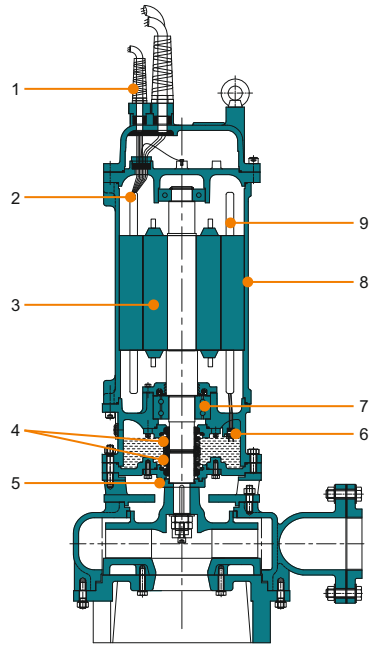




HYDROCURRENT
2.2kW to 150kW
CNT Series



Cross Sectional View



Features

1. Specially designed cable gland to avoid undue stress on cable joint
2. Thermal overload protection
3. Dynamically balanced Al. die-cast rotor for higher starting torque
4. Dual mechanical seal & minimal pumping pressure on Seal
5. SS Sleeve Minimal wear & tear, fully covered shaft, no exposure to external liquid & save mechanical seal from pressurized liquid
6. Moisture sensor to detect seal failure
7. Grease lubricated high capacity ball bearing
8. Sturdy casted motor body
9. Highly efficient dry motor

Dimensions

MODEL	RATING in kW	DN SIZE	SOLID PASSAGE	MIN. SUB.
CNT-002-050M	2.2	50	18	500
CNT-002-065M	2.2	65	16	540
CNT-002-080M	2.2	80	40	640
CNT-002-100M	2.2	100	80	625
CNT-002-100H	2.2	100	40	625
CNT-004-050M	3.7	50	18	530
CNT-004-065M	3.7	65	16	570
CNT-004-080M	3.7	80	40	670
CNT-004-100M	3.7	100	80	655
CNT-004-100H	3.7	100	40	580
CNT-006-050M	5.5	50	18	580
CNT-006-080M	5.5	80	40	720
CNT-006-100M	5.5	100	20	720
CNT-006-100H	5.5	100	40	750
CNT-006-100L	5.5	100	70	760
CNT-006-150M	5.5	150	20	720
CNT-008-065M	7.5	65	40	610
CNT-008-100M	7.5	100	40	730
CNT-008-150H	7.5	150	100	715
CNT-008-150M	7.5	150	20	690
CNT-011-065M	11	65	40	675
CNT-011-100M	11	100	100	800
CNT-011-100H	11	100	50	760
CNT-011-150M	11	150	70	820
CNT-015-100H	15	100	35	810
CNT-015-100M	15	100	50	825
CNT-015-150M	15	150	100	835

MODEL	RATING in kW	DN SIZE	SOLID PASSAGE	MIN. SUB.
CNT-015-200M	15	200	30	810
CNT-019-100H	18.5	100	35	840
CNT-019-100M	18.5	100	60	850
CNT-019-150M	18.5	150	100	860
CNT-019-200M	18.5	200	100	900
CNT-022-100H	22	100	20	880
CNT-022-100M	22	100	60	890
CNT-022-150M	22	150	100	900
CNT-022-200M	22	200	100	940
CNT-030-150M	30	150	50	860
CNT-030-200M	30	200	100	940
CNT-037-100M	37	100	20	940
CNT-037-150M	37	150	50	965
CNT-037-200H	37	200	100	1055
CNT-037-200M	37	200	100	1160
CNT-045-100M	45	100	20	1110
CNT-045-200M	45	200	50	1300
CNT-055-150H	55	150	16	1300
CNT-055-150M	55	150	20	1100
CNT-055-200M	55	200	50	1300
CNT-075-200M	75	200	100	1300
CNT-075-200M	75	200	40	1255
CNT-090-200H	90	200	25	1565
CNT-090-200M	90	200	100	1350
CNT-110-200H	110	200	40	1460
CNT-110-200M	110	200	100	1270
CNT-150-200M	150	200	100	1260

* For pump dimensions GAD shall be shared along with the offer

About Us

DSN Solutions is a specialist in industrial pumping technologies, delivering robust and reliable solutions across dewatering, sewage, and slurry handling applications.

With a strong focus on quality, customization, and customer satisfaction, we cater to demanding sectors such as construction, mining, infrastructure, and wastewater treatment, both in India and across global markets.

Our approach is built around high-performance engineering, field-tested designs, and service-driven support to ensure uptime, efficiency and long-term value.

Core Strengths

- Application Expertise – Custom-engineered pumps tailored to challenging site conditions
- Wide Product Portfolio – One-stop solution for dewatering, slurry, and wastewater
- Export-Ready Design – Built to meet international standards and performance benchmarks
- Rapid Delivery & Support – Reliable after-sales assistance and spares availability
- Proven Track Record – Successful deployments in diverse geographies and industries
- Durability & Efficiency – Optimized for high uptime, low maintenance, and long service life

DSN
Pumps & Solutions
Delivering Value...

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