

LITTLE CHAMP



Task master for light industrial and domestic applications

DC Little Champ Pump

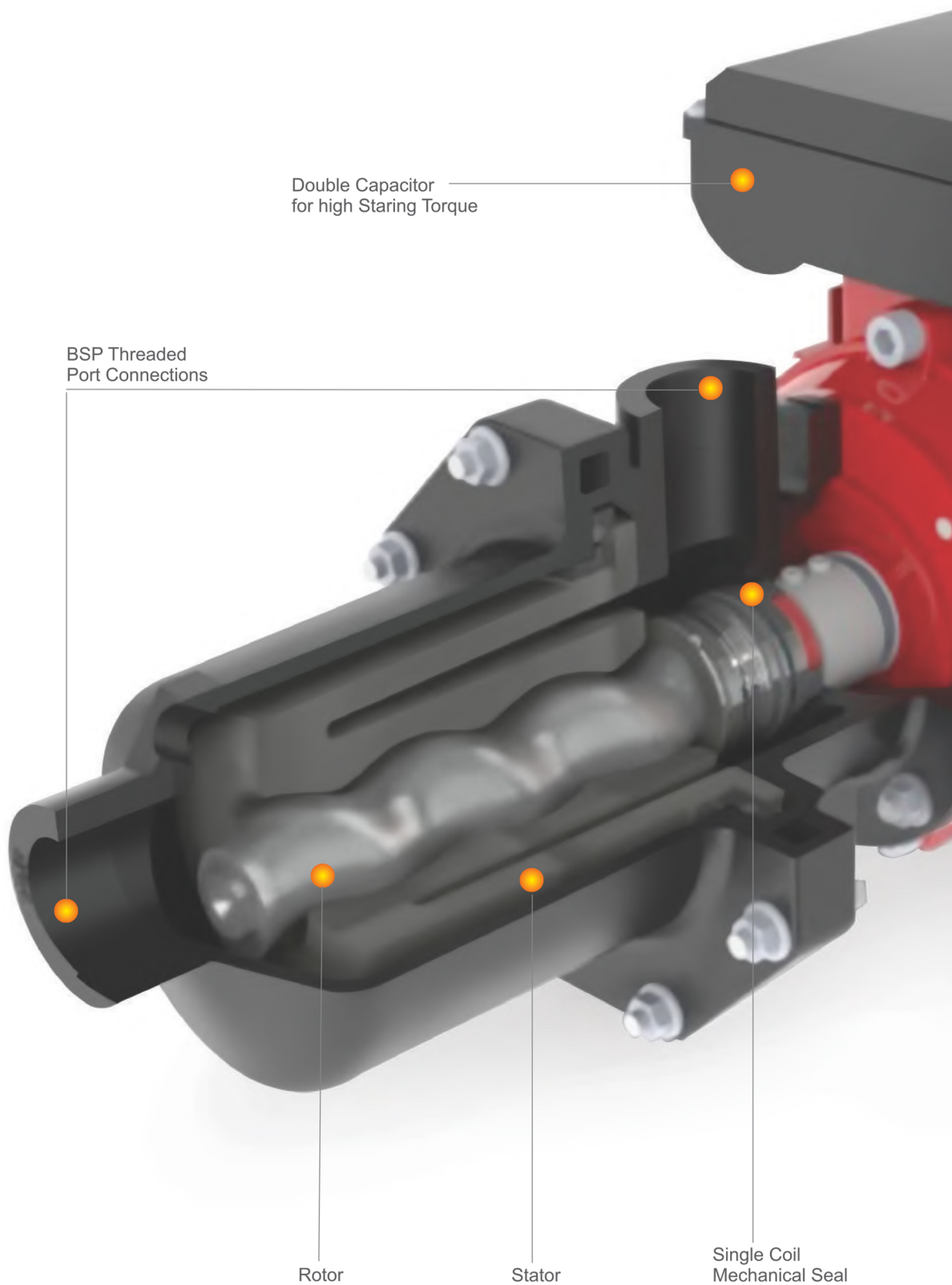
Roto's Little Champ pump range has been developed for general purpose pumping applications that demand high performance and durability. These multi taskers can be used for dosing, transfer and injection duties for a wide variety of fluids. These pumps are available in 4 sizes with flow rates, ranging from 780 L/Hour – 7980 L/Hour and pressures upto 2.8 bar.

Distinctive Design Features and Benefits

- Flow is directly proportional to the speed
- Excellent suction lift capabilities
- Low shear and linear flow
- Can handle liquid with varying viscosity
- Can handle liquid with fine solids
- Minimum impact on efficiencies with varying heads

Typical applications

- Transfer and dosing of chemicals and alkalies
- Transfer duties in food processing, winery and vegetable oils
- Drainage of septic tanks
- Feeding to oily water separators
- Drawing water from wells, creeks or shallow bores
- Hosing down of cattle and stock sheds
- Automatic water pressure systems
- Brine injection
- Feeding ponds and sprinkler systems
- Diesel transfer
- Handling surfactants and detergents



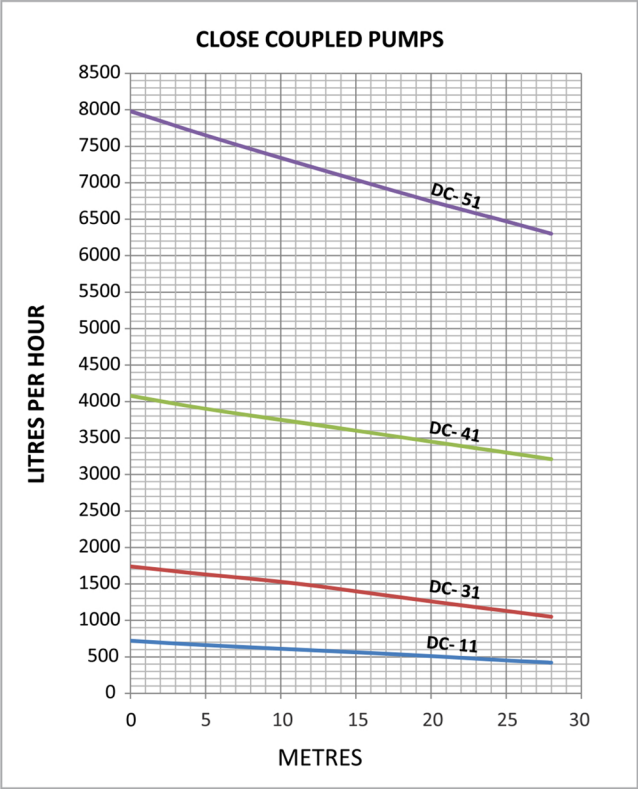
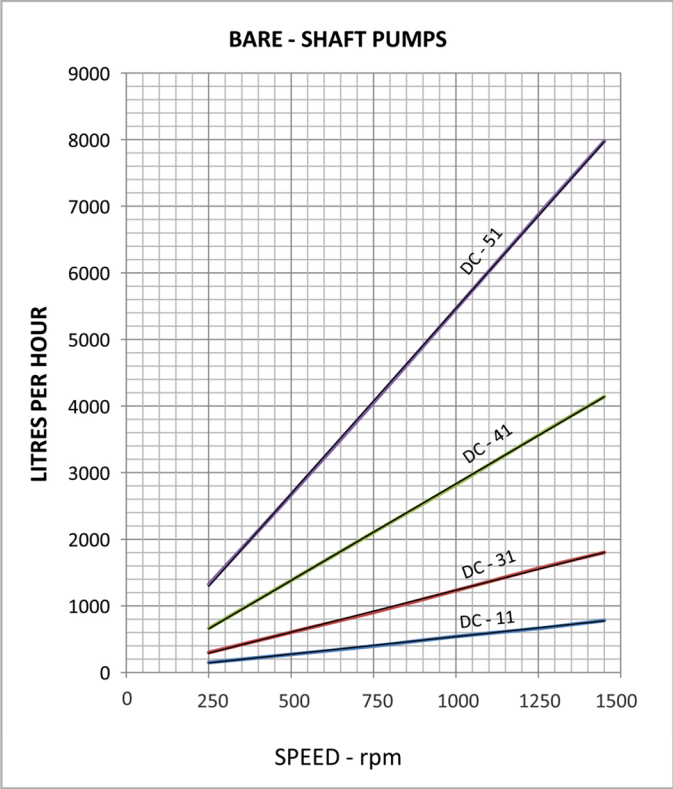


Standard IEC
Frame Motor

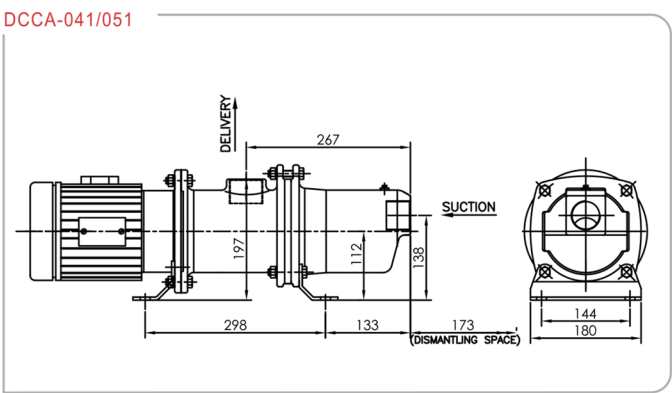
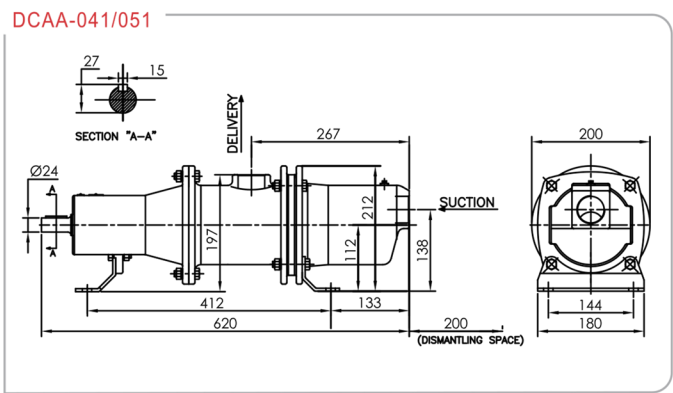
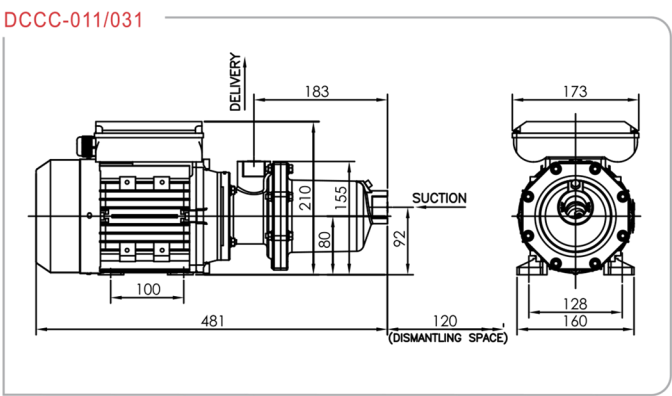
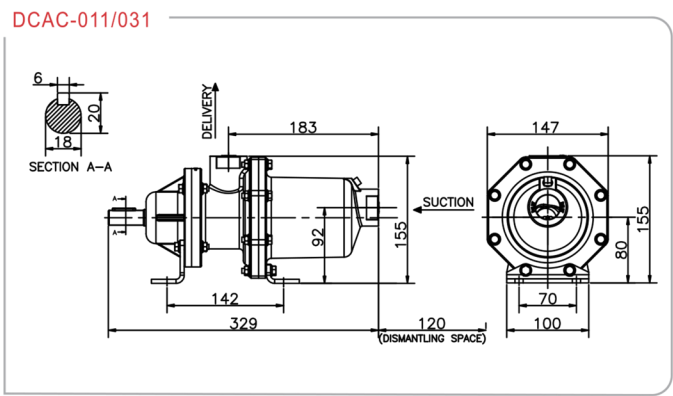
Material options

- UV resistant acetal co-polymer housing for pump sizes DC 11 & DC 31
- C.I. Housing parts for pump sizes DC 41 & DC 51
- Stainless steel hard chrome plated rotor
- Stainless steel hardware
- Stator option
 - ◆ Natural
 - ◆ Nitrile (Standard)
 - ◆ High Nitrile
 - ◆ Fluoroelastomer (DC11 and DC 31 only)

PERFORMANCE CURVES



Dimensional details



ALL DIMENSIONS ARE IN MM

Pump Type	Port Size	Pump Weight Kgs (approx.)		Motor Rating (KW)	Max. Suction Lift
		Bare Shaft	Closed Coupled		
DC-11	1" BSP	2.6	10.3	0.37	7.5 Meter
DC-31	1" BSP	3.0	10.7	0.37	6.5 Meter
DC-41	1.5" BSP	28.1	31.0	0.75	5.5 Meter
DC-51	1.5" BSP	28.5	31.5	1.1	4.5 Meter

*Overrated motors

Roto Pumps Limited, Manufacturing Plant, India



Corporate Office & Export Warehouse, India



Manchester Office & Warehouse



Melbourne Office & Warehouse



ROTO PUMPS LTD.

Marketing Head Office

Roto House, 13, Noida Special Economic Zone, Noida - 201305, INDIA
Tel.: +91 120 2567902-5 Fax: +91 120 2567911
Email: contact@rotopumps.com

Branch Offices and Warehouses

United Kingdom

Unit 1 St Elizabeths Park, Grey Street, Denton, Manchester, M34 3RU
Tel.: +44 161 4775511 Fax: +44 161 4747900
Email: sales@rotopumps.co.uk

Australia

26, Deans Court, Dandenong South, Victoria 3175
Tel.: +61 3 97945200 Fax: +61 3 97945900
E mail: melb@rotopumps.com.au

www.rotopumps.com

Subsidiaries

Roto Pumpen GmbH

Am Brühl 17, 32423 Minden, Germany
Tel: +49 571 40410077,
Email: sales@rotopumpen.de

Roto Pumps North America, Inc.

5889 S Garnett Rd. Tulsa, Oklahoma 74146
Tel: +1 918 280 9144, Fax: +1 918 806 6853
Email: info@rotopumpsna.com

Roto Pumps Africa (Pvt) Ltd

3, Sun Rock Close Germiston 1401, Africa
Tel.: +27 10 100 3774
Email: sales@rotopumps.co.za