

# GITA PUMPS

AN ISO 9001:2008  
CERTIFIED COMPANY

## Centrifugal Pumps Type

'CD'



### APPLICATIONS

**IRRIGATION, SPRINKLING,  
FIRE FIGHTING, BOOSTING,  
PUMPING BRINE, AIR CONDITIONING  
SERVICE, CONDENSATE WATER**

**GITA 'CD' PUMPS ARE GENERAL PURPOSE PUMPS, HANDLING  
WATER AND ARE EXTENSIVELY USED FOR ABOVE MENTIONED SERVICES.**

**DESIGN FEATURES:-** Gita 'CD' Type pumps are end suction, backpull out horizontal shaft design manufactured as per din - 24255.

**CASING:** Centerline discharge, selfventing high efficiency volute type, having integrally cast suction and delivery nozzle as well as supporting feet.

**IMPELLER:-** Fully enclosed type, dynamically balanced impeller is designed to give high efficiency requiring low NPSH. Hydraulic balancing is done providing back vanes and balancing holes close to HUB.

**SHAFT:-** Liberally designed shaft is supported on Deep groove ball bearing lubricated by oil.

**SHAFT SEAL:** Standard pumps are supplied with conventional packing type stuffing box. Mechanical seal with flushing liquid connection is optional. Water cooling can be provided for high temperature liquids.

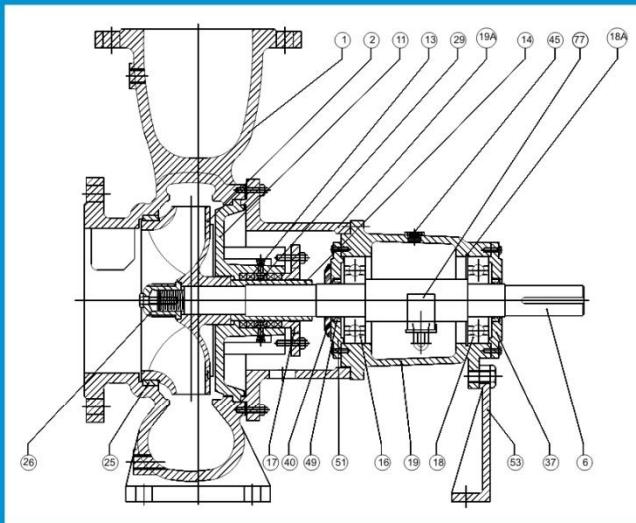
**FLANGES:-** Drilling in flanges is provided as per Din, 2533/Din-2543/1S,BS,ASA or ANSI as per customer's requirement.

**MATERIAL OF CONSTRUCTION:-** Pumps are available in C.I., Bronze, Stainless Steel or a combination of these and other special metals.

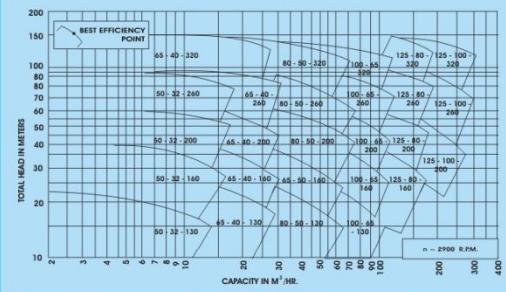
**INTERCHANGEABILITY:-** Considerable saving is made in spare parts inventory by using Gita 'CD' pumps. There are only 5 to 6 bearing bracket sub-assemblies to cover 40 models.

## CROSS SECTIONAL VIEW OF "CD" PUMPS

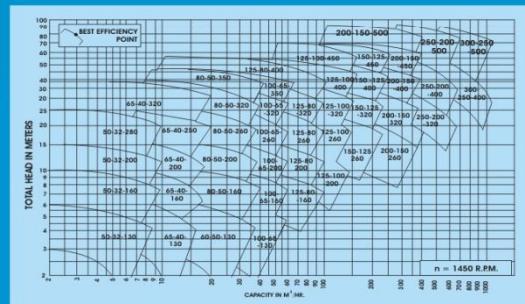
| No. | Part Name                 | Qty. Per Reqd. Pump |
|-----|---------------------------|---------------------|
| 1   | VOLUTE CASING             | 1                   |
| 2   | IMPELLER                  | 1                   |
| 6   | PUMP SHAFT                | 1                   |
| 11  | GLAND SIDE COVER          | 1                   |
| 13  | PACKING (GLAND)           | 4-6 PCS             |
| 14  | SHAFT SLEEVE              | 1                   |
| 16  | BALL BEARING (INBOARD)    | 1                   |
| 17  | GLAND                     | 1                   |
| 17A | PRESSURE RING (GLAND)     | 1                   |
| 18  | BALL BEARING (OUT BOARD)  | 1                   |
| 19  | BRG. BRACKET              | 1                   |
| 19A | DISTANCE PIECE            | 1                   |
| 25  | WEAR RING (IMP)           | 1                   |
| 26  | IMPELLER NUT              | 1                   |
| 29  | CAGE RING                 | 1                   |
| 37  | BEARING COVER (OUT BOARD) | 1                   |
| 40  | DEFLECTOR                 | 1                   |
| 45  | VENT PLUG                 | 1                   |
| 49  | OIL SEAL                  | 2                   |
| 51  | BRG. COVER (IN BOARD)     | 1                   |
| 53  | BRACKET SUPPORT           | 1                   |
| 63  | BUSH (GLAND COVER)        | 1                   |
| 36A | DRAIN TRAY                | 1                   |
| 77  | CONSTANT LEVER OILER      | 1                   |



**RANGE OF SIZES:-** Upto 300 mm Delivery size.  
**CAPACITY:-** Upto 1000 M3/HR  
**HEAD :** Upto 180M  
**SPEED:-** 1450 to 2900 RPM  
**TEMPERATURE : -**30°C to + 300.  
**STANDARD:-** Din-24256/ISO -2858/API-610



PERFORMANCE CHARACTERISTICS 2900 RPM MODEL "CD"



PERFORMANCE CHARACTERISTICS 1450 RPM MODEL "CD"



**GITA PUMPS INDIA PVT. LTD.**

H.O: POST BOX 32,GITA COMPOUND, PAPER MILL ROAD, SAHARANPUR - 247001

WORKS : VILL-CHHAJPURA, P.O.: KAILASHPUR, DEHRADUN ROAD, SAHARANPUR

PHONE: 0132-2786540, 2786541(FAX), 2786509, 9639013245, Upto 56, 9639013245

Email: sales@gitapumps.com Website: www.gitapumps.com