



**DEEPSHIKHA**

*Castings Pvt. Ltd.*



Deepshikha Castings Pvt. Ltd. is one of the leading manufacturers of **DUCTILE IRON FLANGED PIPES** in Central India. With an intention to provide all the products, related to waterline under one roof, we are now manufacturing products like CI Flanged Pipes, CI Spun Pipes (S & S), CI Fittings, CI Man Hole Covers, CI Earthing Pipes, CI Surface Box, CI Foot Steps, Cowl Pipes and CI Engineering Castings for all Industrial Sectors and Agriculture Sectors. Our dedicated team acquired the much-needed exposure of work and technical know-how to provide superior quality of all the above products and timely services to our customers.

## Ductile Iron Double Flanged Pipe

(As per IS 8329:2000)

### DI FLANGE PIPE RANGE

SIZE-DN (mm)	LENGTH	PRESSURE RATING	CLASS OF PIPE	JOINT
80-600	Available in Mix & standard length up to 5.5/6 Mtr	PN 10 & PN 16	K9	Flanged Joint

### FLANGING TECHNOLOGY

Screwing and Welding Technology.

Dimensions and Tolerances: As Per IS 8329:2000

### COATING

All pipes are coated internally with cement mortar lining and bituminous coating externally as per customer requirements and specification.

### APPLICATIONS

- Water, Sewage & Waste Water System
- Vertical pipe lines for overhead tanks
- Elevated Services Reservoir (ESR)

### OUR MANUFACTURING FITTINGS PRODUCT RANGE



Tee



Collar



Adaptor



Cowl Pipe



Surface Box



Dismantle Joint

### MECHANICAL PROPERTIES: AS PER IS 8329:2000

Size-DN (mm)	Tensile Strength (Min)	Elongation at break (Min)	Hardness (Max)
Pipe 80-600mm	420 Mpa	10%	230HB
Flange	420 Mpa	5%	250HB

### HYDROSTATIC TEST PRESSURE AT WORKS (MPA):

DN (mm)	PN 10	PN 16	PN 25	PN 40
80-600	1.6	2.5	3.2	4.0

### ACCESSORIES FOR FLANGED PIPES

**GASKET:** For Flanged pipe jointing, flat rubber gasket as per IS 638 are used.

\*We should used Ethylene Propylene Diene Monomer (EPDM) OR Styrene Butadiene Rubber (SBR)

**NUT & BOLTS:** Galvanized Nuts & Bolts made of Mild Steel as per IS 1367 is recommended for jointing two flanges. The bolt dimension should be as per IS 1364.



## CAST IRON DOUBLE FLANGED PIPE

(As Per IS 1536: 2001)

### CIDF PIPE RANGE

SIZE-DN (mm)	LENGTH	CLASS OF PIPE	JOINT	FLANGE TECHNOLOGY
80mm to 600mm	Available in Mix & standard length up to 5.5 Mtr	Class B	Flanged Joint	Screwing

Dimensions and Tolerances: As per IS 1536:2001

### APPLICATIONS

- Ash Handling system in Power Plants and Steel Plants.
- Drinking Water and Industrial Purpose
- Sulphur Acid Plants
- Chemical handling like Soda Ash Plants, Fertilizer Plants
- Vertical Pipe Lines for overhead Tanks / Elevated Service Reservoir (ESR)







### MECHANICAL PROPERTIES: AS PER IS 1536:2001

Size-DN (mm)	Ring Test (Min)	Tensile Strength (Min)	Hardness (Max)
CI Pipe 80-300	390 Mpa	-	230HB
CI Pipe 350-600	-	200	230HB
Flange	-	150	230HB

### HYDROSTATIC TEST PRESSURE AT WORKS (MPA):

Size-DN (mm)	Hydrostatic Test Pressure
80-300	2.5 Mpa
350-600	1.6 Mpa

### OUR MANUFACTURING PRODUCT RANGE

C.I. & D.I. Double Flanged Pipes & Fittings (ISI Mark)	Centrifugally Cast (Spun) Iron Pressure Pipe IS:1536(ISI Mark)	'DEEPSHIKHA' Cast Iron Earthing Electrode	Cast Iron Manhole Cover	Engineering Castings	Cast Iron Kitchen Utensils
					



**DEEPSHIKHA**  
Castings Pvt. Ltd.  
Deepshikha- The Water line solutions  
An ISO 9001-2015 certified Company

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