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FIRE FIGHTING PRODUCTS

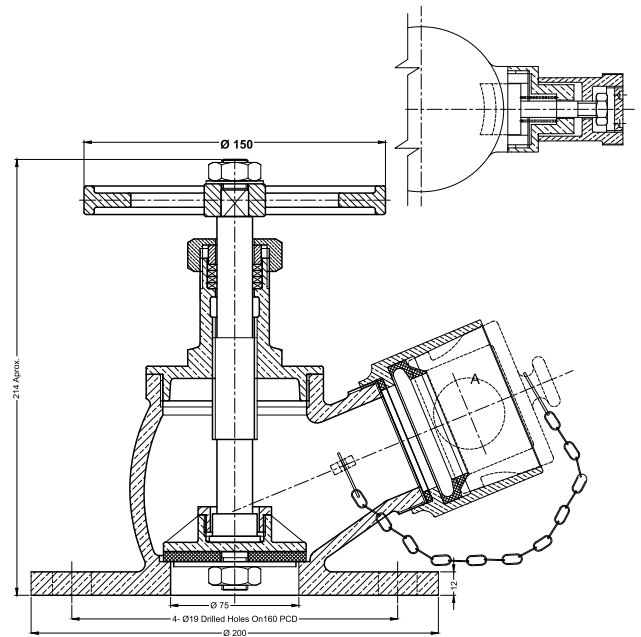
www.kartarvalves.com

Rev. Mar 2025

KARTAR
LANDING / HYDRANT
VALVES

Type	Single Outlet
Design Standard	IS 5290
Certification	
Test Pressure	Body 21kg/cm ² / Seat 14 kg/cm ²
Material	Bronze (Gun Metal) Stainless Steel
Size	Inlet : 80mm Outlet : 63mm

single
OUTLET



LANDING VALVE SINGLE OUTLET K901
(TYPE A)

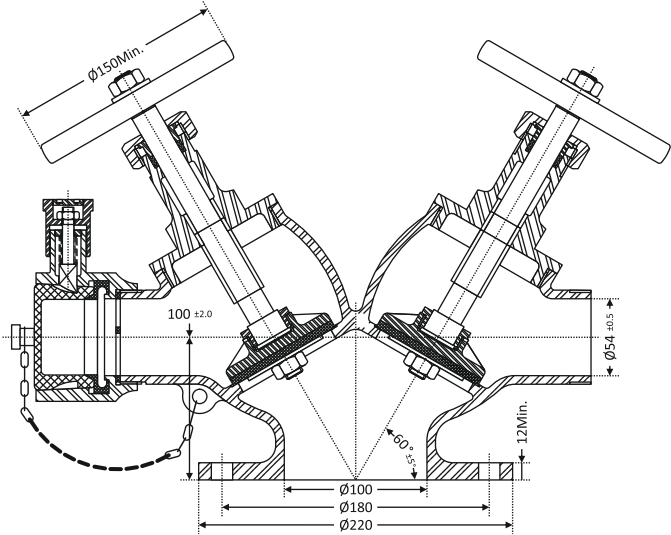


LANDING VALVE SINGLE OUTLET K901
(TYPE A)



KARTAR
LANDING / HYDRANT
VALVES

Type	Double Outlet
Design Standard	IS 5290
Certification	ISI
Test Pressure	Body 21kg/cm ² / Seat 14 kg/cm ²
Material	Bronze (Gun Metal) Stainless Steel
Size	Inlet : 100mm Outlet : 63mm x 2



double
OUTLET



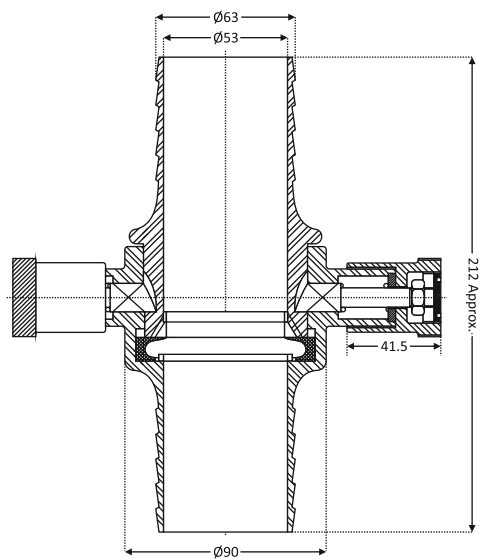
LANDING VALVE DOUBLE OUTLET K901-D
(TYPE B)



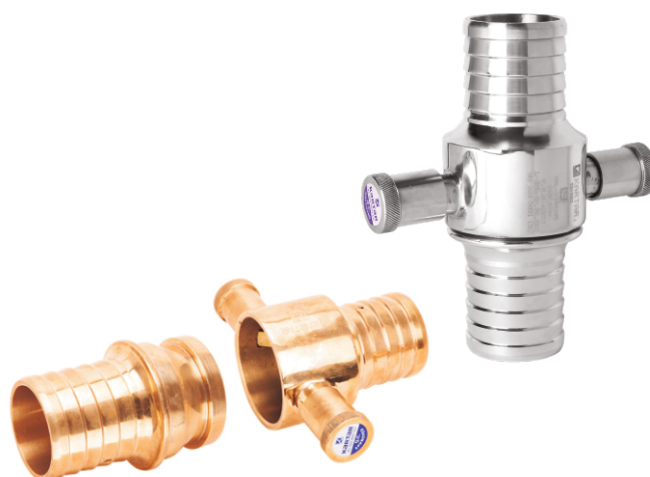
LANDING VALVE DOUBLE OUTLET K901-D
(TYPE B)



KARTAR
FIRE HOSE
COUPLING / CONNECTION



Type	Push Type
Design Standard	IS 903
Certification	
Test Pressure	21kg/cm ²
Material	Bronze (Gun Metal) Stainless Steel
Size	Suitable for 63mm Fire Hose



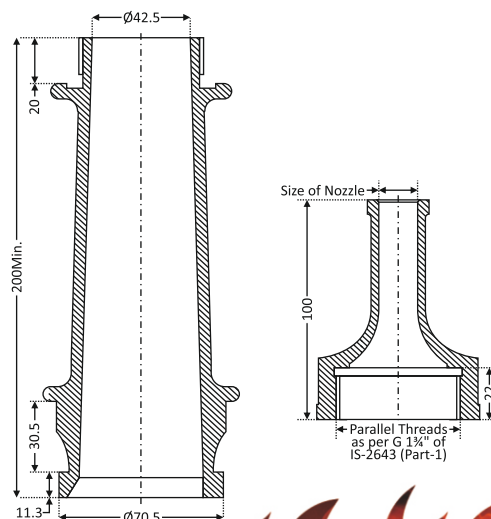
HOSE COUPLING K902

KARTAR
BRANCH PIPE
WITH NOZZLE



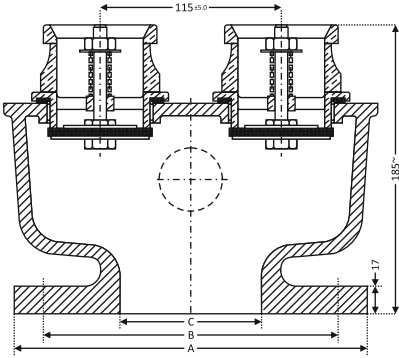
BRANCH PIPE K903

Type	Push Type
Design Standard	IS 903
Certification	
Test Pressure	21kg/cm ²
Material	Bronze (Gun Metal) Stainless Steel
Size	Inlet portion is 63mm & Outlet available in 15, 20 & 25mm





KARTAR **WATER INLET CONNECTION /** **BREECHING INLET**



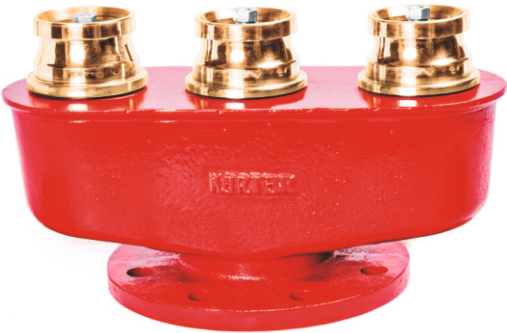
FLANGE DIMENSIONAL

Type	Flange OD (A)	PCD (B)	ID BORE (C)	Holes Dia x No.
2way	220	180	88	Ø19 x 8
3way	220	180	88	Ø19 x 8
4way	285	240	127	Ø23 x 8

Type	2way 3way 4way
Design Standard	IS 904
Test Pressure	21kg/cm ²
Material	Body : Cast Iron Ductile Iron Check Valve : Bronze (Gun Metal) Stainless Steel
Size	2 & 3way have 100mm Flange & 4way have 150mm Flange



2 WAY K910-2



3 WAY K910-3

ALSO AVAILABLE IN DUCTILE IRON



4 WAY K910-4G



K910-2E



K910-4E

KARTAR **SPARE CHECK VALVE**

Design Standard	As per IS 904
Material	Bronze (Gun Metal) Stainless Steel
Size	50 & 63mm



K910-CV



KARTAR SPRINKLERS

FORGED BRASS SERIES

OPEN FIRE SPRINKLERS

Size : DN15 (½")

Type	Upright Pendent Sidewall Concealed
Bulb Nominal Dia & Response	Standard Response - 5mm Quick Response - 3mm
Thread Size	NPT½ or R½
Nominal Orifice Size	1/2"
Nominal K-factor	5.6 (U.S.) 80 (Metric)
Max. Working Pressure	175Psig 1.2Mpa (12 Bar)
Factory Hydrostatic Test	100% @ 500Psig 3.4Mpa (34 Bar)
Min. Operating Pressure	7Psig 0.048Mpa (0.48)
Sprinkler Finish	Natural Brass Stainless Steel Chrome Plated White Color Coated

K908 PENDANT

AVAILABLE TEMPRATURE RATING & COLOR CODES

Nominal Temp. Rating	135°F / 48°C 155°F / 68°C 175°F / 79°C 200°F / 93°C
Glass Bulb Color	Orange Red Yellow Green

SPRINKLERS MATERIALS

Frame	Bronze Forging Stainless Steel
Deflector	Brass Stainless Steel
Glass Bulb	Glass with Glycerin Solution, Job® or Equivalent
Set Screw	Brass
Button	Brass
Spring (Optional)	Stainless Steel
Standard Escutcheon	Cold Rolled Steel

K908 UPRIGHT K908 SIDEWALL



K908 CONCEALED

INSTALLATION INFORMATION*

Spacing	12 x 12' 3.7 x 3.7m
Min. Flow	8gpm 30l/m
Density	0.55gpm/ft² 2.24mm/min



K908-FR/AR SPRINKLER ROSETTE PLATE FIXED/ADJUSTABLE

Model	Rosette Plate
Type	Fixed / Adjustable
Material	M.S. with Chrome Plated / Powder Coated
Size	Suitable for 15mm Sprinkler

* Pendent Sprinkler is also available in Stainless Steel.

* This is just for reference. Final advice should be taken from your fire consultant.





KARTAR STAINLESS STEEL FLEXIDROP

MATERIAL

Hose	Stainless Steel
Nipple	Zinc Plated Steel
Nut	Zinc Plated Steel
Isolation Ring	EPDM/Nylon

SPECIFICATIONS

Model	K915-700	K915-1000	K915-1200	K915-1500	K915-1800
Size (NPT/in)	1/2	1/2	1/2	1/2	1/2
Length (in/mm)	28/700	40/1000	48/1200	60/1500	70/1800
Max. No. of 90° Bends (Unbraided)	2	3	3	3	3
Max. No. of 90° Bends (Braided)	1	2	3	4	4

Min. Bend Radius Unbraided	190mm
Min. Bend Radius Braided	230mm
Test Pressure	21 kg/cm ²
Bursting Pressure	96 kg/cm ²
K-Factor	5.6
Working Pressure	175psi
Max. Ambient Temp.	225°F
Trade Mark	KARTAR

Each Set Includes:

- 1 x Flexi Drop
- 1 x Square Bar
- 1 x Centre Bracket
- 2 x End Bracket



UN-BRAIDED FLEXIDROP **K915**



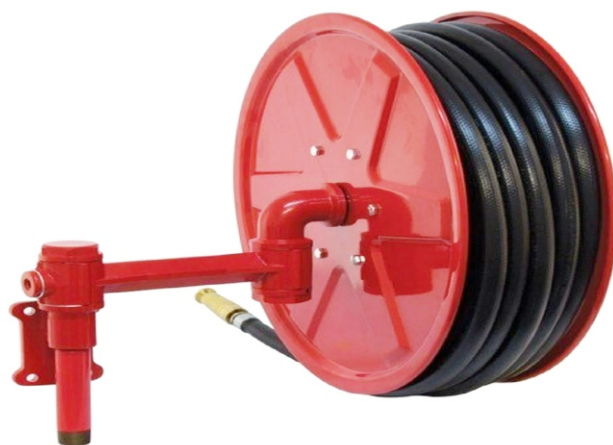
BRAIDED FLEXIDROP **K915**



KARTAR FIRST AID HOSE REEL



COMPACT TYPE HOSE REEL K912CG-ALL



MALAYSIAN TYPE HOSE REEL K912MG-AII.R

Type	Swing Arm Type
Test Pressure	10kg/cm ²
Material	MS Frame with Rubber Plastic Hose
Size	3/4" (20mm) x 30m length & 1" (25mm) x 30m length (Complete Drum)



TP HOSE K913-H

Type	Type 1	Type 2
Design Standard	IS 12585	IS 12585
Certification		
Test Pressure	6.2kg/cm ²	10.2kg/cm ²
Material	Thermoplastic Hybrid Compound	
Size	20mm x 30m length & 25mm x 30m length	



RUBBER HOSE K913-R

Type	Type 1	Type 2
Design Standard	IS 444	IS 444
Certification		
Test Pressure	6.2kg/cm ²	10.2kg/cm ²
Material	Rubber Hose	
Size	20mm x 30m length & 25mm x 30m length	

* 36 & 40 mtrs. length TP / Rubber hose also available on request.



KARTAR FIRE HOSE



HOSE K909-RRL

Type	Type A
Design Standard	IS 636
Certification	ISI
Test Pressure	21kg/cm ²
Material	Cotton Hose with Rubber PVC Coating Inside
Size	63mm in 15 & 30m length



HOSE K909-CP

Type	CP
Design Standard	IS 8423
Certification	ISI
Test Pressure	21kg/cm ²
Material	Cotton or Synthetic material or their combination
Size	63mm in 15 & 30m length



HOSE K909-RT-2

Type	Type 2
Design Standard	IS 636
Certification	ISI
Test Pressure	21kg/cm ²
Material	Rubber Lined Woven Synthetic Jackted type with External elastomeric coating
Size	63mm in 15 & 30m length



HOSE K909-RT-3

Type	Type 3
Design Standard	IS 636
Certification	ISI
Test Pressure	21kg/cm ²
Material	Rubber Lined Woven Synthetic Jackted type
Size	63mm in 15 & 30m length





KARTAR WATER NOZZLE



K920.WCH
WATER CURTAIN
NOZZLE

Type	Self Operative
Test Pressure	300 PSI
Material	Brass
Size	15mm BSPT
K Factor	K 40
Spray Angle	180°



K920.MV
MEDIUM VELOCITY
WAFFER SPRAY NOZZLE

Type	Self Operative
Test Pressure	300 PSI
Material	Brass
Size	15mm BSPT
K Factor	K 22
Spray Angle	80°



K920.HVS
HIGH VELOCITY
SPRAY NOZZLE WITH STRAINER



K920.HV
HIGH VELOCITY
WATER SPRAY NOZZLE

Type	Self Operative
Test Pressure	300 PSI
Material	Brass
Size	20mm BSPT
K Factor	40
Spray Angle	100°





KARTAR HOSE BOXES



HOSE BOX **K918-D**



HOSE BOX **K918-S1**

Model & Design	K 918-D (Double Door)	K 918-S1 (Single Door)	K 918-S2 (Single Door)
Application	For 2 sets of 15m Hose with coupling & One Branch Pipe	For 1 set of 15m Hose with coupling & One Branch Pipe	For 1 set of 30m Hose with coupling & One Branch Pipe
Dimensions in mm (WxLxD)	600x750x250	450x450x250	500x500x250
Material	MS Sheet + Glass	MS Sheet + Glass	MS Sheet + Glass

* Dimensions for reference only, actual size may differ. * Special sizes available on request.

KARTAR FRP HOSE BOXES



HOSE BOX **K918D-FRP**



HOSE BOX **K918F-S15**

Model & Design	K 918D-FRP (Double Door)	K 918F-S15 (Single Door)
Application	For 2 sets of 15m Hose with coupling & One Branch Pipe	For 1 set of 15m Hose with coupling & One Branch Pipe
Dimensions in mm (WxLxD)	600x750x250	450x450x250
Material	FRP + Glass	FRP + Glass

* Dimensions for reference only, actual size may differ. * Special sizes available on request.





K904.S

KARTAR
SPRING LOADED AIR
RELEASE VALVE

Type	Self Operative
Test Pressure	16kg/cm ²
Material	Gun Metal
Size	15mm, 20mm, 25mm BSPT



AIR RELEASE VALVE K904

KARTAR
AIR RELEASE VALVE

Type	Self Operative
Material	Body : Gun Metal Float : Rubber
Size	25mm
Test Pressure	16kg/cm ²

KARTAR
SIGHT GLASS

Type	Self Operative
Material	Gun Metal + Glass
Size	25 & 50mm
Test Pressure	16kg/cm ²



SIGHT GLASS K905



AIR VENTS K907

KARTAR
AIR VENTS with INBUILT STRAINERS

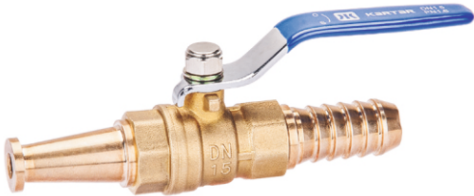
Type	Self Operative
Material	Body : Brass Strainer : Stainless Steel Float : Plastic
Size	15, 20 & 25mm
Test Pressure	21kg/cm ²





KARTAR SHUT OFF NOZZLE

Type	Lever Operative
Material	Ball Valve : Brass
	Nozzle : Brass Bronze (Gun Metal)
Size	15 & 20mm
Test Pressure	21kg/cm ²



SHUT OFF NOZZLE **K914-B**



SHUT OFF NOZZLE **K914-P**

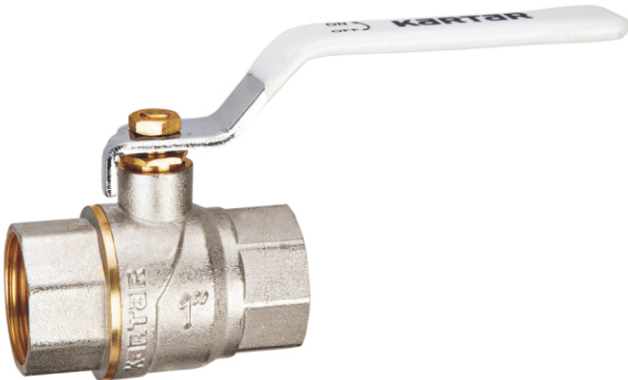
KARTAR SHUT OFF NOZZLE

Type	Self Operative
Material	Red Colored Super Tough Polymer Alloy
Size	20mm
Test Pressure	10kg/cm ²

KARTAR BALL VALVES

Type	Lever Operative
Material	Body : Forged Brass Chrome Finish
	Stem : Brass
Size	10, 15, 20, 25, 32, 40 & 50mm
Test Pressure	PN-40

FORGED BRASS BALL VALVE K916
with Chrome Plating (Full Bore)



K922.TDV
TEST & DRAIN
VALVE

KARTAR TEST & DRAIN VALVE

Type	Lever Operative
K Factor	5.6
Test Pressure	450 PSI
Material	SS-304
Size	25mm, 32mm, 40mm, 50mm BSPT



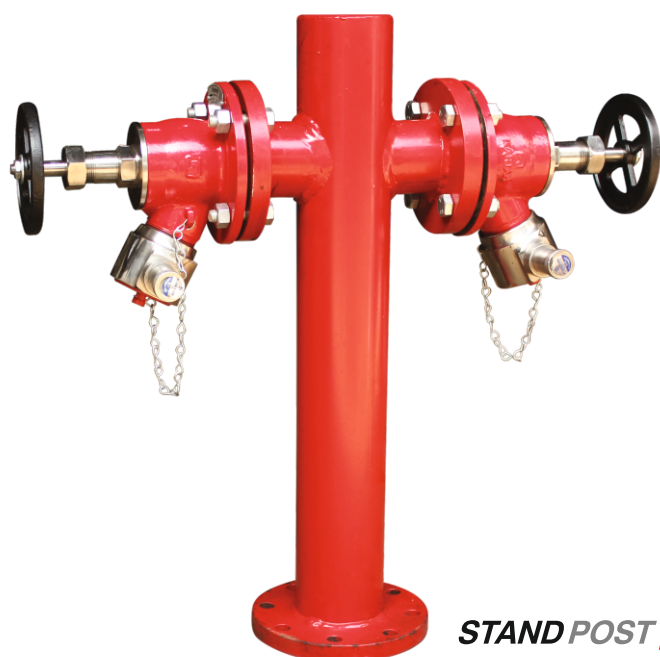


KARTAR WATER MONITORS

Design Standard	As per IS 8442
Material	Body : M.S Seamless Pipes Hot Dip Galvanized
	Swivel Joint : Bronze
	Handle Bar : Mild Steel
Finish	Nozzle : Aluminum Alloy Gun Metal
	Fire Red Painted
Maneuverability	360° in Horizontal plane
	+90° & -45° in Vertical plane
Test Pressure	23 kg/cm ²



WATER MONITOR K911



KARTAR FIRE HYDRANT STAND POST

Type	Self Operative
Material	MS Pipe
Size	100mm
Flange Size	Bottom : 100mm (Inlet)
	2 x Side : 80mm (Outlet)

STAND POST K919

* Picture just for reference, Actual product is without hydrant Valves.





KARTAR RUBBER BELLOWS

Type	Expansion joint
Model	K923
Test Pressure	PN-16
End Connections	FLANGED
Material	Rubber Neoprene
Size	25mm-300mm

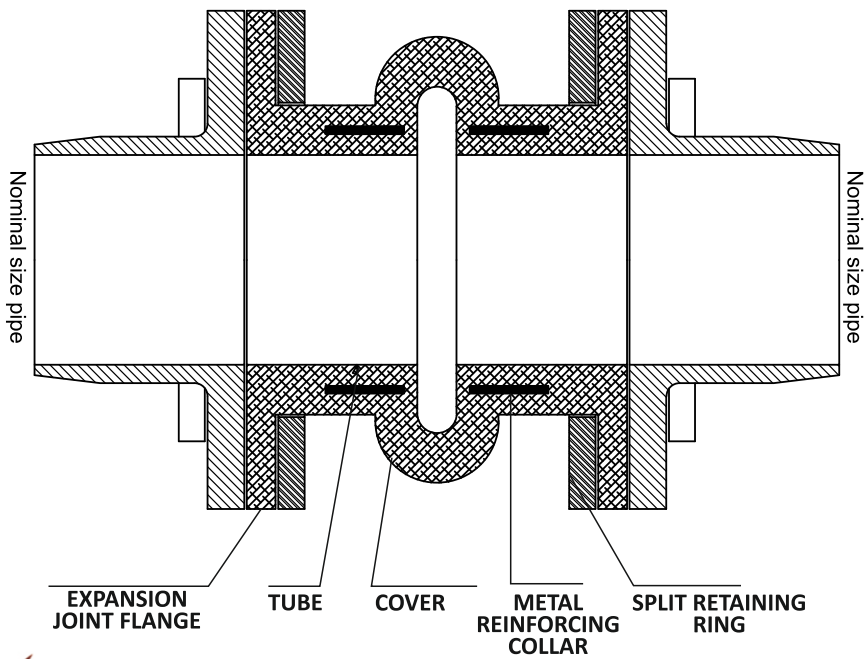


NOTE:
PIPE FLANGES SHOWN IN PICTURE ARE NOT PART OF PRODUCT,
JUST SHOWN FOR REFERENCE

RUBBER BELLOWS K923

Features:-

- | | | |
|-------------------------|--------------------------------|---|
| Resistant to fatigue | Pressure Rating PN 1.6 | Prevents electrolytic corrosion |
| Higher safety factor | Low deformation under pressure | Compact-requires very little space |
| Negligible loss of head | Greater recovery from movement | Economical -No Gaskets - ease of installation |



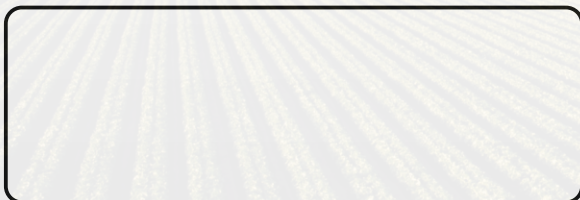


India's Most Admired Brand

KARTAR VALVES PVT. LTD.

(FORMERLY JUNEJA METAL WORKS)

www.kartarvalves.com



* Due to continuous R&D actual designs may vary.