Excel
ENCLOSURES ®

Save Time and Money with us !

Excellence Everywhere..

Superior Quality
Engineered Design
Fine Aesthetic Enclosures

About us:

Excel Enclosures is a proprietary company and ISO 9001-2015 certified manufacturer of metal enclosures based in Pune, Maharashtra, India. Established in the year 2002 and founded by the Electronics engineer duo Mr. Balkrishna and Mrs. Vidya Shirke, we have been persistently supplying exquisite enclosures to Automation industries, equipment manufacturers, machine-tool manufacturers, machine rebuilders, SPM manufacturers, telecommunication, IT, UPS/Stabilizers, large project industries and MNCs in India.

With exceptional quality and elegant look of our enclosures, we are always leaned towards providing the best to our customers and grow as a company to a level where it wholeheartedly empowers and uplifts thousands of lives and furthermore.

Our Ideology and vision:

Maharashtra has legacies of Chhatrapati Shivaji Maharaj and more specifically, Pune has inherited his tradition of magnificence and determination. Innovation is something which we have bequeathed from this tradition. Pune is the most preferred sourcing place for any product due to its highly diversified industrial environment. We aim to provide the best to our customers and grow as a company to a level where it wholeheartedly empowers and uplifts thousands of lives and furthermore.

What drives us is our vision. We seek to bring happiness on 50,000 faces by the year 2030. Our products and services quality shall bring smiles on the faces of people from our customers, suppliers and employees. We aspire to achieve this through our reliability and by-

- Keeping our transactions hassle-free (place your order and forget it)
- Educating and paying suppliers on time (rejection free material and timely payments) and
- Stress-free employees (improving physical health and state of mind).
  Spreading humanity by spreading love and affection is our GOAL.

Quality Policy:

We are committed to manufacture quality product satisfying our customers' existing and upcoming needs and requirements. We are entrusted to 'enrich' our customer's ultimate product in market. We aim to achieve this by continuous improvements in our services and systems, aided by an inspiring teamwork with our employees and vendors.

Designing:

The enclosures are designed on SOLID EDGE 3D CAD software. It gives an excellent aesthetic look, upgrades degree of protection, gives best strength to weight ratio and provides ease in assembling internal components at customers' end. We assist our customers at the designing stage in order to make an excellent end-product.

Production:

- In house C**NC** LASER Cutting with Auto Pallet changer for profile cutting of sheet.
  Yawei make 1500 x 3000 double pallet with capacity upto 8.00mm sheet thickness.
- Pressing facilities on latest technology **hydraulic CNC** press brake.
  Yawei make 3000mm length 110 Metric Ton capacity with 5 Axis CNC controller.
- 'D' Type foamed in place PU Gasket done on in house latest CNC Machine.
- MOGORA Cosmic make machinery is used for MIG/CO2 and TIG welding, latest technology **LASER** Welding.
- Powder Coating with eight tanks pre-treatment is done qualitatively at our own unit

Social Activities:

We believe that as a part of the society, we need to contribute for its uplifting and its betterment. With this thought in mind, we engage in spreading love and harmony through Art of Living programs

Turn over Graph:
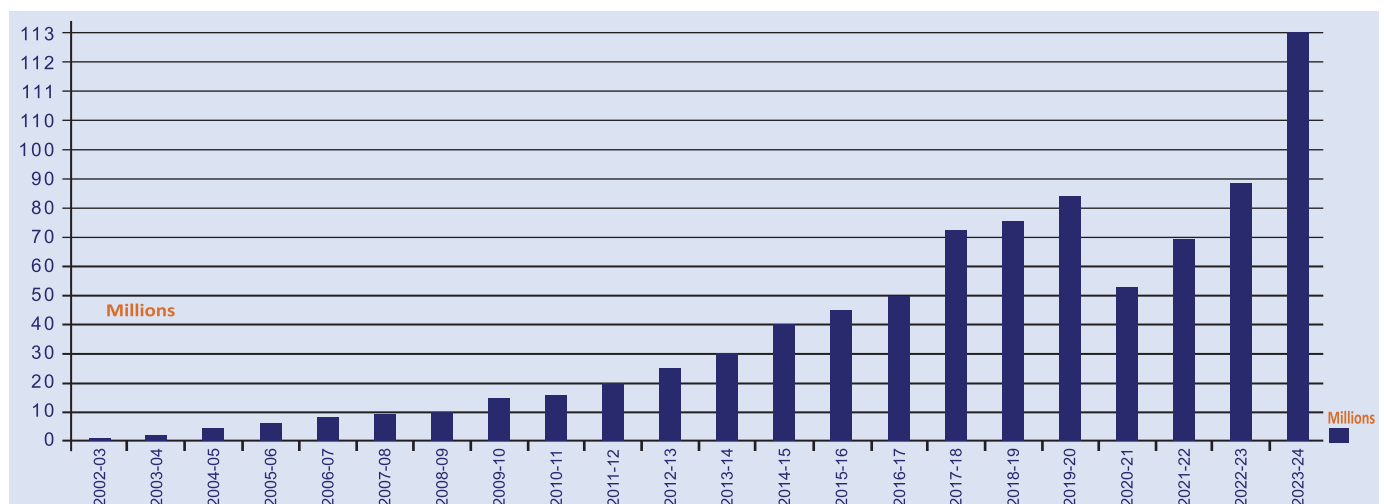
QUALITY CERTIFICATIONS :

Our enclosures are marked CE according to the Machine Directive 2006/95/EC It is valid only for empty enclosure. It is the responsibility of the final manufacturer to respect the regulations in force. Our CE marking certificate assists final equipment manufacturer in obtaining the CE Mark.

QUALITY CERTIFICATIONS

I N D E X

Product: Modular floor standing extensible enclosure (Design: MFSE or MF)

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An ISO 9001-2015 Company

DIMENSIONS:

W = Width of enclosure 500mm to 2000mm.
W1= Widthwise clearpass (W−89).
W2= C plate width (W−100).
W3= width of gland plate (W−182).
W4= Grouting hole CC widthwise Hidden(W−200).
W5= Grouting hole CC widthwise Open(W−310).
W6= Usable width on door for cutouts (W−160).

D = Depth of the enclosure 400mm to 1000mm
D1= Total bottom opening depthwise (D−98).
D2= C plate adjustment span (75 to (D−50)).
D3= Indexing holes CC depthwise (D−125).
D4= Grouting holes CC in depth (D−90).

H = Height of the enclosure 1000mm to 2200m
H1= Heightwise clearpass (H−91).
H2= C plate height (H−100).
H3= Usable height on door for cutouts (H−200)

B = Base (100mm/200mm).

TOP VIEW

FRONT VIEW

R.H.S.VIEW
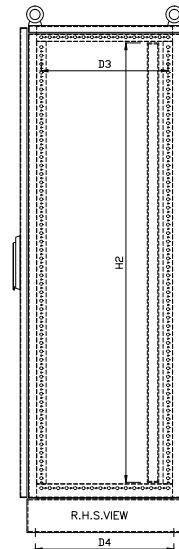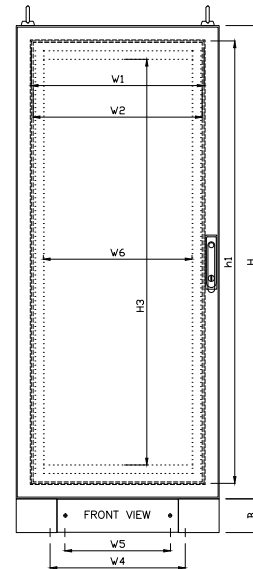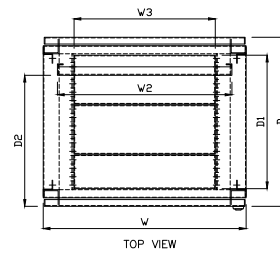
Features :

- Strongest design available in enclosures.
- Perfect Strength to weight ratio.
- Better Ingress protection (Up to IP-55).
- Multi color powder coating is possible.

Sub-assemblies:

- **Frame structure :** 3.00 thk folded CRCA sheet with vertical and horizontal (depth) indexing holes of dia 9 & dia 4.2 in pitch 12.5mm.
- **Base :** 3.00 thk folded sheet with removable front and rear cover in 2.00 thk.
- **Door :** Front & rear single door / split door /partial door in 2.00 thk CRCA sheet. With support channels, sheet metal special hinges, 3/4 point handle lock.
- **Cover :** Front fixed bolted cover in 2.00thk for instrumentation panel in place of door. when door not necessary at rear screwed cover in 1.5 thk.
- **Gland plate :** Varying combination like, Folded CRCA bottom cover or Slotted / perforated bottom cover in 1.5 thk (for ventilation from bottom if required).
- **Side cover :** Screwed side cover in 1.5 thk CRCA sheet.
- **Top cover :** in 1.5 thk CRCA bolted in lifting eye bolts itself.
- **C' Plate :** In 2.00 thk / 3.00 thk as per requirement maximum size is (W-100) x (H-100) 9) **Inter panel separator :** Made in 1.5 thk vertical or horizontal.
- **Lifting eye bolts :** Hooks are used for normal weight & heavy duty angles for bigger enclosures.
- **19" Rack :** Din Standard 19" equipment mounting arrangement is possible.
- **19"Swing frame :** suitable for 19" mounting in width and height as per requirement

Standard sizes :

Width	Depth	Height	Base
500mm-2000mm (pitch of 100mm)	400mm-1000mm (pitch of 50mm)	1000mm-2200mm (pitch of 100mm)	75mm , 100mm 150mm , 200mm

*Up to 1000mm width single door can be provided & above 1000mm split doors are recommended.
*Up to 1200mm width single welded structure can be provided & above 1000mm two Separate structure or twin welded structure is recommended.

Product: Modular Floor standing extensible enclosure (Design: Eco – Frame)

TOP VIEW

Dimensions for top view: W-1, W, W-3, W-4, Ø17, D, D-2

FRONT VIEW — W, W-2, H-1

RHS VIEW — D, D-1, H-2, H, B

Dimensions:

W = Width of Enclosure.
W1 = Width with side covers (W+30).
W2 = Width available for cutouts (W-150).
W3 = Grouting distance widthwise (W-200).
W4 = C Plate width (W-2)

D = Depth of enclosure.
D1 = C Plate distance from door (D-97).
D2 = Grouting distance depthwise (D-108).

H = Height of enclosure.
H1 = Height available for cutouts (H-135).
H2 = C Plate Height (H-100).

B = Base 100 – 200 mm.

Gland Plate max size:
Width less 100mm x Depth less 100mm.
Thickness as per requirement.

Features:

✿ Very much Economical Construction.
✿ Perfect Strength to weight ratio.
✿ Better Ingress protection (Up to IP-55).
✿ Multi color powder coating is possible.

Sub-assemblies:

✿ **Frame structure:** 1.5/2. 00 thk folded CRCA sheet with vertical and horizontal (depth) indexing holes of dia 9 & in 4.2 in pitch 12.5mm.
✿ **Base:** 3.00 thk folded sheet with removable front and rear cover in 1.5 thk.
✿ **Door:** Front & rear single door/split door/partial door in 2.00 /1.5 thk CRCA sheet. With support channels, sheet metal special hinges, 3/4 point handle lock, cam lock.
✿ **Cover:** Front fixed bolted cover in 2.00 thk for instrumentation panel in place in door. When door not necessary at rear screwed cover in 1.5 thk.
✿ **Gland plate:** Screwed at top or bottom in 2.00thk CRCA.
✿ **Side cover:** Screwed side cover in 1.5 thk CRCA sheet.
✿ **Top and Bottom:** In 1.5 /2.00 thk CRCA sheet welded.
✿ **C' Plate:** In 2.00 thk /3.00 thk as per requirement maximum size is (W) x (H-100)
✿ **Inter panel separator:** Made in 1.5 thk vertical or horizontal.
✿ **Lifting eye bolts:** Hooks are used for normal weight & heavy duty angles for bigger enclosures.

Standard sizes :

Width	Depth	Height	Base
400mm-1400mm (pitch of 100mm)	400mm-1000mm (pitch of 50mm)	1000mm-2200mm (pitch of 100mm)	75mm , 100mm 150mm , 200mm

* Up to 1000 mm width single door can be provided & above 1000mm split doors are recommended.
* Up to 1400mm width single welded structure can be provided & above 1000mm two Separate structure or twin welded structure is recommended.

Product: Modular Floor standing extensible enclosure (Design: Eco – MCC)
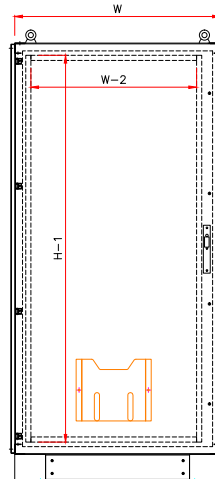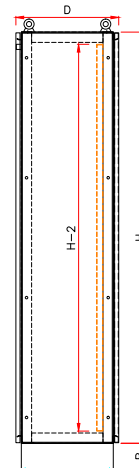
DIMENSIONS:

W = Width of Enclosure.
W1 = Width with side covers (W+30).
W2 = Width available for cutouts (W−155).
W3 = Grouting distance widthwise (W−200).
W4 = C Plate width (W−2)

D = Depth of enclosure.
D1 = C Plate distance from door (D−86).
D2 = Grouting distance depthwise (D−92).

H = Height of enclosure.
H1 = Height available for cutouts (H−135).
H2 = C Plate Height (H−100).

B = Base 100 − 200 mm.

Gland Plate: Width less 100mm x Depth less 100mm. Thickness as per requirement.

TOP VIEW

FRONT VIEW

RH SIDE VIEW

Features:
- ✿ Very much Economical Construction.
- ✿ Perfect Strength to weight ratio.
- ✿ Better Ingress protection (Up to IP-55).
- ✿ Multi color powder coating is possible.

Sub-assemblies:
- ✿ **Frame structure:** 1.5/2. 00 thk folded CRCA sheet with vertical and horizontal (depth) indexing holes of dia 9 & in 4.2 in pitch 12.5mm.
- ✿ **Base:** 3.00 thk folded sheet with removable front and rear cover in 1.5 thk.
- ✿ **Door:** Front & rear single door/split door/partial door in 2.00 /1.5 thk CRCA sheet. With support channels, sheet metal special hinges, 3/4 point handle lock, cam lock.
- ✿ **Cover:** When door not necessary at rear screwed cover in 1.5 thk.
- ✿ **Gland plate:** Screwed at top or bottom in 2.00thk CRCA.
- ✿ **Side cover:** Screwed side cover in 1.5 thk CRCA sheet.
- ✿ **Top and Bottom:** In 1.5 /2.00 thk CRCA sheet welded.
- ✿ **C' Plate:** In 2.00 thk /3.00 thk as per requirement maximum size is (W) x (H-100)
- ✿ **Inter panel separator:** Made in 1.5 thk vertical or horizontal.
- ✿ **Lifting eye bolts:** Hooks are used for normal weight & heavy duty angles for bigger enclosures.

Standard sizes :

Width	Depth	Height	Base
300mm-1200mm (pitch of 100mm)	300mm-600mm (pitch of 50mm)	600mm-2200mm (pitch of 100mm)	75mm , 100mm 150mm , 200mm

* Up to 1000 mm width single door can be provided & above 1000mm split doors are recommended.
* Up to 1200mm width single welded structure can be provided & above 1000mm two Separate structure or twin welded structure is recommended.

DIMENSIONS:

W = Width of enclosure 500mm to 1200mm.
w1= Widthwise clearpass (W−89).
w2= C plate width (W−100).
w3= width of gland plate (W−146).
w4= Grouting hole CC widthwise (200).
w5= Usable width on door for cutouts (W−160).

D = Depth of the enclosure 400mm to 600mm.
d1= Total bottom opening depthwise (D−158).
d2= C plate adjustment span (75 to (D−50)).
d3= Indexing holes CC depthwise (D−89).
d4= Grouting holes CC in depth (D−108).

H = Height of the enclosure 1000mm to 2200mm.
h1= Heightwise clearpass (H−88).
h2= C plate height (H−100).
h3= Usable height on door for cutouts (H−200).

B = Base (100mm/200mm).

TOP VIEW

FRONT VIEW

R.H.S.VIEW
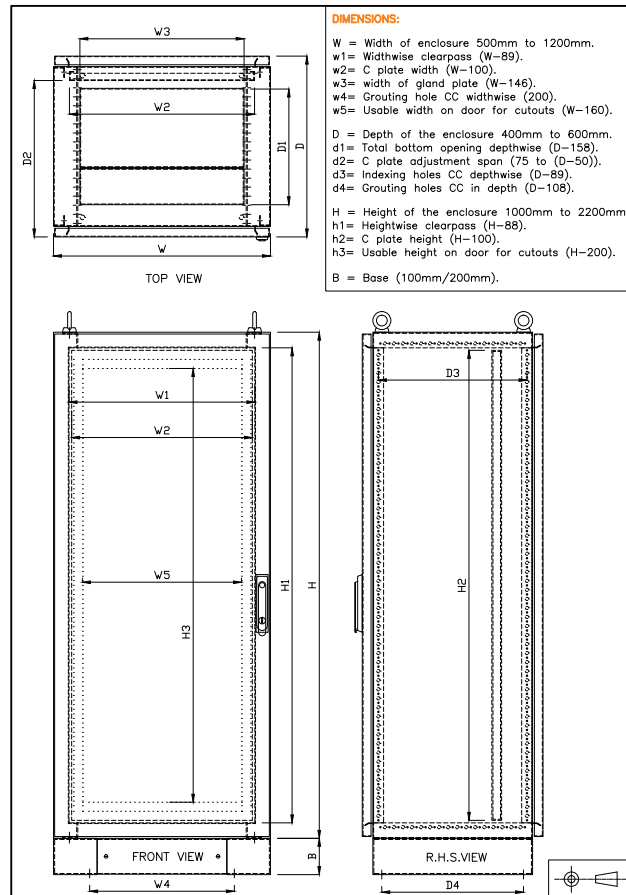
Features:

✿ A Stronger design available in the enclosures.
✿ Good strength to weight ratio.
✿ Better IP Protection(Up to IP55).
✿ Quite economic design.

Sub-assemblies:

✿ **Welded Body :** In 2.00 thk folded CRCA sheet with vertical and horizontal (depth) indexing holes of dia 9 & dia 4.2 in pitch 12.5mm.

✿ **Base :** 3.00 thk folded sheet with removable front and rear cover in 2.00 thk.

✿ **Door :** Front & rear single door / split door /partial door in 2.00 thk CRCA sheet. With support channels, sheet metal special hinges, 3/4 point handle lock, 'D' type PU foam gasket.

✿ **Cover :** Front fixed bolted cover in 2.00thk for instrumentation panel in place of door. when door not necessary at rear screwed cover in 1.5 thk.

✿ **Gland plate :** Screwed CRCA bottom cover or Slotted / perforated bottom cover in 1.5 thk (for ventilation from bottom if required).

✿ **'C' Plate :** In 2.00 thk / 3.00 thk as per requirement maximum size is (W-100) x (H-100)

✿ **Lifting eye bolts :** Hooks are used for normal weight & heavy duty angles for bigger enclosures.

✿ **19" Rack :** Din Standard 19" equipment mounting arrangement is possible.

✿ **19"Swing frame :** suitable for 19" mounting in width and height as per requirement

Standard sizes of the enclosures

Width	Depth	Height	Base
500mm-1200mm (pitch of 100mm)	400mm-600mm (pitch of 50mm)	1000mm-2200mm (pitch of 100mm)	75mm , 100mm 150mm , 200mm

*Up to 1000mm width single door, above sizes will have split door.

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Product : Wall - Machine mounting enclosures (WMM or SB)

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WMM - 22

WMM - 30

WMM-22 Standard sizes :

Width	Depth	Height	Base
200mm-500mm (in pitch of 50mm)	80mm-300mm (in pitch of 50mm)	300mm-600mm (in pitch of 50mm)	As per requirement

* There is access from front only as sides and top are closed.

WMM-30 Standard sizes :

Width	Depth	Height	Base
500mm-1000mm (in pitch of 50mm)	100mm-500mm (in pitch of 50mm)	600mm-1500mm (in pitch of 50mm)	As per requirement

* There is access from front only as sides and top are closed.
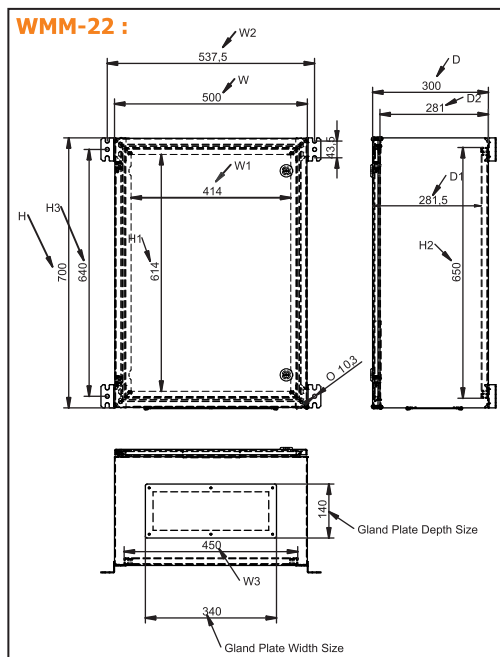
WMM-22 :

WMM-30 :

WMM 22	DIMENSIONS:	WMM 30
	W = Width of Enclosure.	
(W-86)	W1 = Width available for cutouts.	(W-102)
(W+37.5)	W2 = Wall Mtg. distance widthwise.	(W+37.5)
(W-50)	W3 = C Plate width.	(W-70)
	D = Depth of enclosure.	
(D-18.5)	D1 = C Plate distance from door.	(D-18.5)
(D-19)	D2 = Box depth.	(D-21)
	H = Height of enclosure.	
(H-86)	H1 = Height available for cutouts.	(H-102)
(H-50)	H2 = C Plate Height.	(H-70)
(H-60)	H3 = Wall Mtg. distance Heighwise.	(H-70)
W-6 x D2-6	Gland Plate Max. Size:	W-6 x D2-6
	Thickness as per requirement.	
	ALL DIMENSIONS ARE IN MM.	

Features :

✿ This is suitable for smaller size enclosures.

✿ Better IP Protection (IP-66 with hinged door & IP-67 with screwed cover)

Parts of enclosure:

✿ **Welded body:** It's body is closed from sides, rear, top & bottom in 1.5 / 2.00 thk folded CRCA sheet.

✿ **Base:** It is optional.

✿ **Front single /split / partial doors:** Made in 2.00 thk CRCA sheet with support frame, sheet metal special hinge, cam locks.

✿ **Gland plate:** At top or bottom in 2.00 thk CRCA.

✿ **Component mounting plate ('C' Plate):** 2.00/3.00 thk as per requirement size is (W-55) x (H-55) mounting on welded bushes at rearmost position.

✿ **Wall mounting bracket:** 4 no's wall mounting bracket (in 3.00 thk) per enclosures.

✿ **19" Rack:** Din Standard 19" equipment mounting arrangement is possible.

✿ **19"Swing frame:** suitable for 19" mounting in width and height as per requirement.
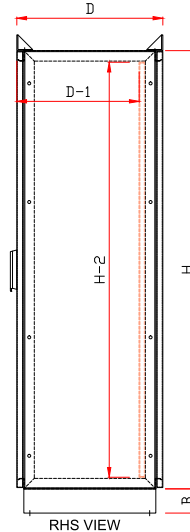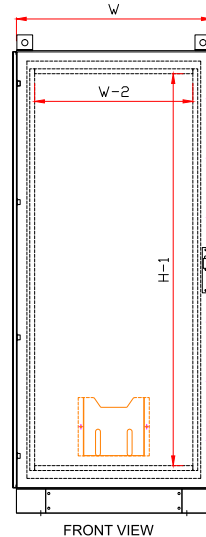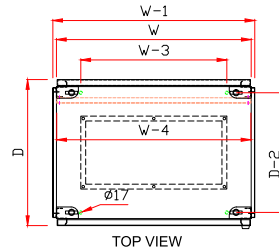
Product : Junction Box (JB or SB)
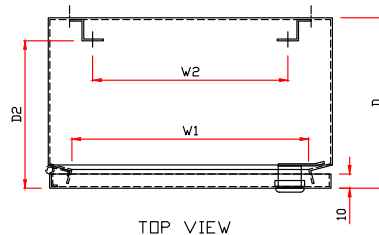
DIMENSIONS:

W = Overall Width 100–600mm.
W1= Widthwise clear pass (W–34)
W2= DIN RAIL mtg CC (W–62.6)
W3= Space for Gland holes (W)
W4= Mounting hole CC (W–30)

D = Overall Depth 80–200mm.
D1= Space for Gland Holes (D–16)
D2= DIN RAIL from door (D–16)

H = Overall Height 100–600mm.
H1 = Height wise clear pass (H–34
H2 = Mounting hole CC (H–30)

TOP VIEW

FRONT VIEW

RHS VIEW
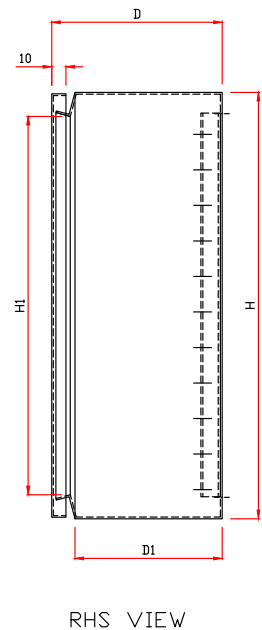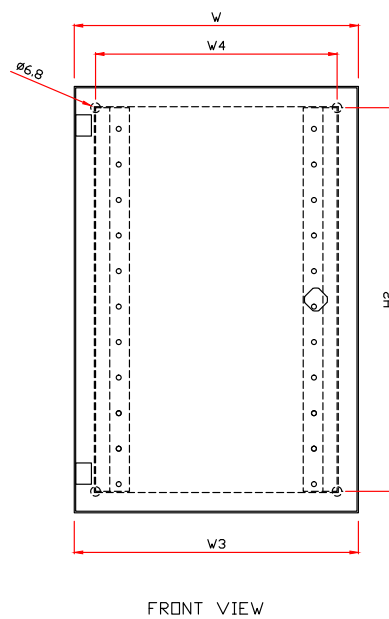
Features:

✿ IP-67 Ingress protection.

✿ Welded body with sides, top and bottom closed in 1.2 thk folded CRCA sheet.

✿ Front single door in 1.2 thk CRCA sheet. With metal hinges, cam locks.

✿ Polyethylene gasket on door and polyurethane foam on gland plate, both are fire retardant.

✿ M-4 tapped Z angles inside for DIN rail mountings (No component mounting plate inside).

✿ As side walls are not removable, inter panel separator is not required here.

✿ Gland plate optional at bottom in 2.00 thk CRCA.

✿ These types of enclosures are not suitable to join together, however if needed we can join them.

Standard sizes :

Width	Depth	Height
100mm-600mm (in pitch of 50mm)	80mm-200mm (in pitch of 50mm)	100mm-600mm (in pitch of 50mm)

* There is access from front only as sides and top are closed.

Product : Stainless Steel Enclosures

MFSE Construction (IP 55)

Control Desk (IP 55 & 65)

WMM Boxes (IP 66)

Features:

✿ These are manufactured in JB, WMM, MFS & MFSE Contrustion.

✿ All the facilities are same as it's respective design. For details please refer page. No. 1,2,3 or 4.

✿ SS 304, SS 316 material grade are available.

✿ Surface finish is available in matt or glossy.

✿ Refer respective page for size variables.

Product : Operator pendant

Top & Bottom Hung Pendant   Impregnated HDC Connector Provision

Top Hung Pendant

Bottom Hung Pendant

Features:

☼ Welded body with sides, top and bottom closed in 1.5/2.00 thk folded CRCA sheet.

☼ Very strong and sturdy arm manufactured in 65x65 square tubes in 3.00 thick sheet.

☼ Front single door in 2.00 thk CRCA sheet with, 'D' type foam gasket.

☼ Polyethylene gasket on door and polyurethane foam on gland plate, both are fire retardant.

☼ Swiveling thrust bearing with inner diameter 58mm for cable passing.

☼ As side walls are not removable, inter panel separator is not required here.

☼ These types of enclosures are not suitable to join together, however if needed we can join them.

Standard sizes :

Width	Depth	Height
300mm-800mm (in pitch of 100mm)	200mm-600mm (in pitch of 50mm)	300mm1200mm (in pitch of 100mm)

* There is access from front only as sides and top are closed.

Product : Operator Station

Features :

✿ Welded body with sides, top and bottom closed in 1.5/2.00 thk folded CRCA sheet.
✿ Front single door in 2.00 thk CRCA sheet with PV foam gasket
✿ 'D' type PU foam gasket on door and on gland plate, fire retardant.
✿ As side walls are not removable, inter panel separator is not required here.
✿ Very special construction for operator ease in standing position.
✿ These types of enclosures are not suitable to join together, however if needed we can join them.

Standard sizes :

Width	Depth	Height
300mm-1200mm (in pitch of 50mm)	200mm-600mm (in pitch of 50mm)	300mm-1500mm (in pitch of 50mm)

* There is access from front only as sides and top are closed.

Product : Control Desk

Features :

- ✿ The best IP protection (IP-55)
- ✿ Standard construction (design).
- ✿ Manufactured in modules.
- ✿ Floor standing or wall mounting arrangement is possible.
- ✿ Modifications possible at customer end also if needed.
- ✿ Modularity of extensibility and internal arrangements.
- ✿ Easy handling and transportation.

Standard Sizes :

- ✿ These are standard products. Shape (construction) is fixed; only height, width and depth sizes can be changed.

Product : Outdoor Enclosures

Features :

☼ The best IP protection (IP-55).
☼ Better strength.
☼ Modularity for internal assembly. Doesn't require more pre-engineering.
☼ Rain canopy is fitted on top of enclosure to minimize rain water contact with enclosure.
☼ Universal mounting of doors and covers so that they can be interchanged or reverted,
☼ Fire retardant & chemical resistant Polyurethane foamed D type gaskets (workability at 100ºC temperature) on doors and covers for better IP protection.
☼ Detachable all the doors and covers facilitates faster interior assembly.
☼ Stronger support channels (plated or powder coated) screwed on the doors.
☼ Punched holes having pitch of 12.5mm.
☼ Depth and height adjustable mounting of component plate and horizontal / vertical partitions.
☼ Clamped and folded gland plates in parts for easy removing and fitting. Gland holes not necessary to decide earlier, can be drilled at site also.
☼ Stainless Steel hinges and hardware is used for long lasting.
☼ **For low corrosive area special outdoor duty powder coating is provided on CRCA MS sheet enclosure to resist UV rays and fading effects due to outdoor environment.**
☼ **For medium corrosive area special outdoor duty powder coating is provided on galvanized (GPSP – Galvanized Plates with Skin Passed) sheet enclosure to resist UV rays and fading effects due to outdoor environment. It lasts double the normal enclosure.**
☼ **For high corrosive area these are manufactured in stainless steel. It is life long lasting.**
☼ Sheet metal folded base looks attractive with ease in grouting (Grouting holes visible). ISMC base also can be provided.

Standard sizes of the enclosures

Width	Depth	Height	Base
300mm-1200mm (pitch of 100mm)	120mm-1000mm (pitch of 50mm)	300mm-2200mm (pitch of 100mm)	75mm , 100mm 150mm , 200mm

*Up to 1000mm width single door, above sizes will have split door.

Features :

✿ Better IP protection.
✿ This is manufactured in 'Modular Floor Standing Extensible Enclosure' (MFSE Construction.
   For Sizes and facilities please refer page 1.
✿ 50mm glass wool or rock wool is used as insulation.
✿ Cutout pockets on all sides (if any) are also insulated with nitrile foam gasket sheets.
✿ Only 100mm in width, 100mm in depth and nothing in height is consumed for insulation.
✿ Compact in size and hence energy saving (Heave reduction in A.C. capacity specoification).
✿ Modularity is maintained and hence width can be extended.
✿ Use for Outdoor duty is possible with some changes without much increase in cost.
   Costing is 25% of E Room.
✿ This is better replacement for E Room.

SECTIONAL TOP VIEW

NAME PLATE

L. H. S. VIEW

FRONT VIEW

Features :

- ALL 5 modules frame structure in 3.00mm thick folded GPSP sheet very strong & sturdy.
- External corrugated sheet in 2.00mm thick GPSP sheet.
- Internal 1.2mm thick riveted CRCA sheets.
- Flooring 5.0mm sheet with 6 mm rubber matt.
- Component mounting plates inside 3.00mm thick GPSP Sheets.
- 100mm thick Glass wool insulation for external wall and 50mm for internal partition.
- Inside hand railing with plastic insulation.
- All doors with closer.
- Welded Grouting Brackets.
- Lifting arrangement.
- Modular Units outside powder coated with Golden Yellow RAL 1004. Internal with Signal White RAL 9003.
- Degree of protection: IP-55.
- Ladders in round pipe.
- Arrangement for fan/filter for buffer area ventilation.
- Fan mounting arrangement with canopy.

Standard sizes of the E - Room

Width	Depth	Height	Base
1500mm-2500mm (pitch of 100mm)	3000mm-15000mm (pitch of 100mm)	2000mm-2700mm (pitch of 100mm)	150mm

13

Product : PC enclosures (Shop Floor)

Shop Floor PC enclosure Standing

Features :

- ✿ Better IP protection.
- ✿ The best aesthetic look.
- ✿ Decorated monitor compartment.
- ✿ Monitor tray adjustable in height for better vision.
- ✿ Toughened glass / clear acrylic fitted on monitor door.
- ✿ Gas springs used for monitor door opening and for holding it upwards. Enables hands free operation.
- ✿ Sliding drawer for keyboard with high quality telescopic rails with arrangement for mouse pad below drawer.
- ✿ Lower compartment can accommodate CPU along with stabilizer / UPS. There is space for Printer and stationery in case of standing operation PC enclosures.
- ✿ CPU tray can be adjusted in height.
- ✿ Castors or base can be fitted at bottom.
- ✿ Ventilation through dust proof filters grills.

Standard sizes of the enclosures

Width	Depth	Height	Base
600mm or 700mm	600mm	1300mm & 1700mm	75mm , 100mm, 150mm , 200mm or casters

*Up to 800mm width single door, above sizes will have split door.

Product : PC enclosures (Economic)

PC enclosure ECO-Standing

PC enclosure ECO-Sitting

Features :

- Better IP protection.
- The best aesthetic look.
- Clear acrylic fitted on monitor door.
- Sliding drawer for keyboard with high quality telescopic rails with arrangement for mouse pad below drawer.
- Lower compartment can accommodate CPU along with stabilizer / UPS.
- There is space for Printer and stationery in case of standing operation PC enclosures.
- CPU tray can be adjusted in height without any tool.
- Drawer has some additional space for any other material.
- Separate open compartment for CD's, books and other essential material.
- Castors or base can be fitted at bottom.
- Ventilation through dust proof filters grills.
- Very much economical construction.

Features :

- Better IP protection.
- The best aesthetic look.
- Clear acrylic fitted on monitor door.
- Sliding drawer for keyboard with high quality telescopic rails with arrangement for mouse pad below drawer.
- Lower compartment can accommodate CPU along with stabilizer / UPS.
- CPU tray can be adjusted in height without any tool.
- Drawer has some additional space for any other material.
- Separate open compartment for CD's, books and other essential material.
- Castors or base can be fitted at bottom.
- Ventilation through dust proof filters grills.
- Very much economical construction.

Standard sizes of the enclosures

Width	Depth	Height	Base
600mm or 700mm	600mm	1700mm	75mm , 100mm or casters

*Up to 800mm width single door, above sizes will have split door.

Standard sizes of the enclosures

Width	Depth	Height	Base
600mm or 700mm	600mm	1300mm	75mm , 100mm or casters

*Up to 800mm width single door, above sizes will have split door.

Product : PC Enclosures (Control Room)

Process Control Computer enclosures -1

Control Room Computer enclosures
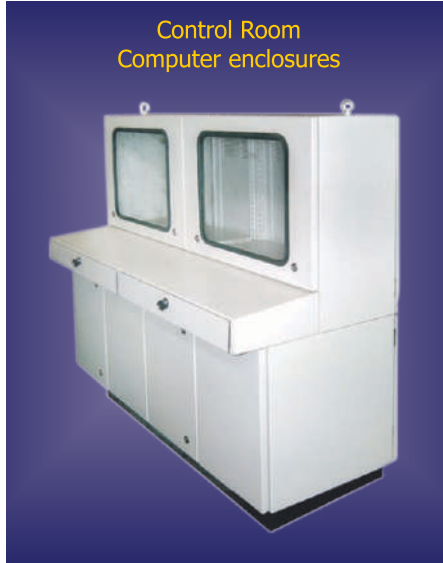
Bar Code Printer Computer enclosures

Process Control Computer enclosures -2

Features :

- ⚙ Better IP protection.
- ⚙ The best aesthetic look.
- ⚙ Decorated monitor compartment.
- ⚙ Monitor tray adjustable in height for better vision.
- ⚙ Toughened glass / clear acrylic fitted on monitor door.
- ⚙ Gas springs used for monitor door opening and for holding it upwards. Enables hands free operation.
- ⚙ Sliding drawer for keyboard with high quality telescopic rails with arrangement for mouse pad below drawer.
- ⚙ Lower compartment can accommodate CPU along with stabilizer / UPS. There is space for Printer and stationery in case of standing operation PC enclosures.
- ⚙ CPU tray can be adjusted in height without any tool.
- ⚙ Drawer has some additional space for any other material.
- ⚙ Separate open compartment for CD's, books and other essential material.
- ⚙ Castors or base can be fitted at bottom.
- ⚙ Ventilation through dust proof filters grills.

Standard sizes of the enclosures

Width	Depth	Height	Base
600mm or 700mm	600mm	1300mm & 1700mm	75mm , 100mm 150mm , 200mm or casters

*Up to 800mm width single door, above sizes will have split door.

Trapazoidal tables forming round shape
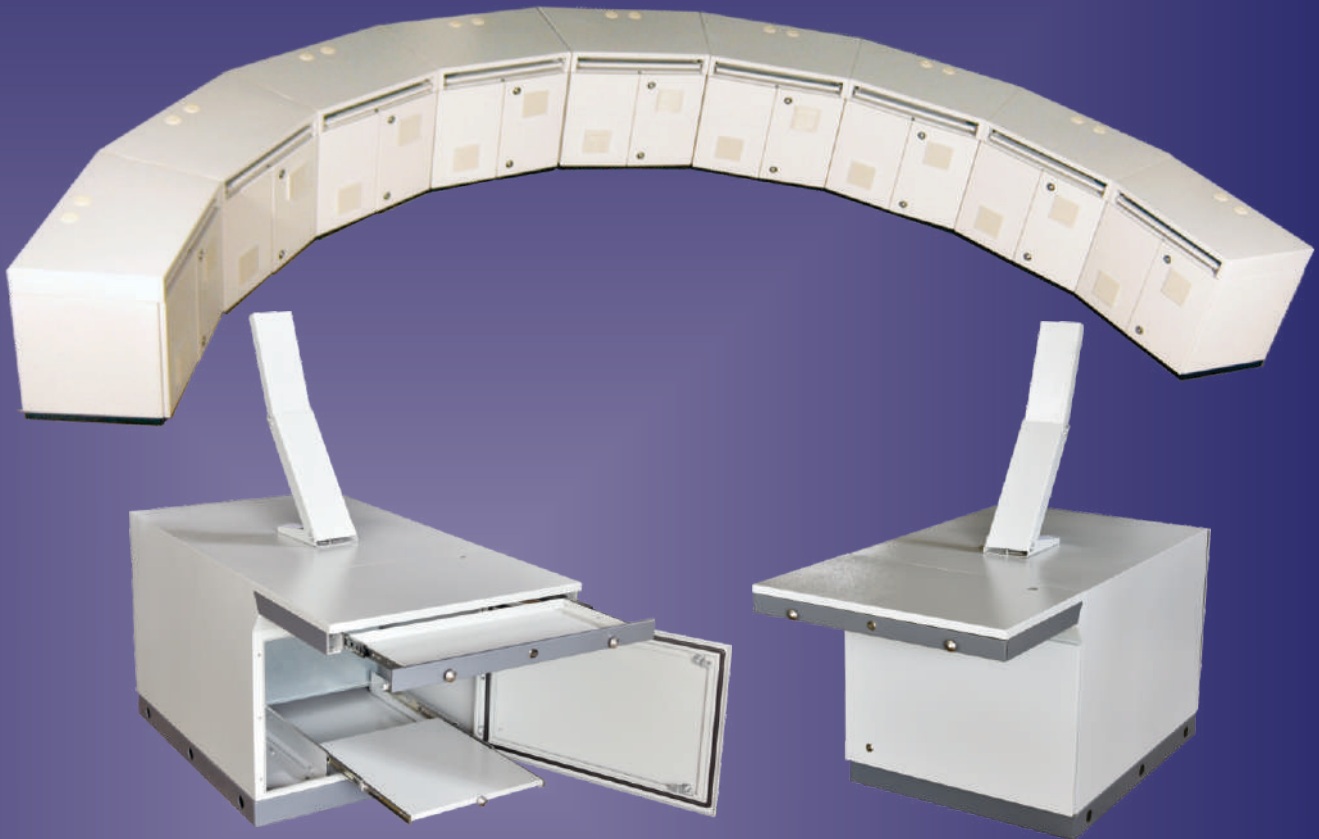
Doors Open Internal view

Protruded with sliding drawer   Unprotruded with sliding drawer

Protruded with fixed drawer

Printer Table

Features :
- Welded body with sides, top and bottom closed in 1.5 thk folded CRCA sheet.
- Front single door / split doors / partial doors in 1.5 thk CRCA sheet. With support frame, sheet metal special hinges, cam locks and handles.
- Foamed in place PV gasket on door and polyurethane foam on gland plate, both are fire retardant.
- Horizontal sliding tray is provided for CPU for easy access.
- Sliding keyboard is provided for comfortable working when it is not in use.
- Mounting plate at side for spike buster, MCB, terminals mounting.
- Gland plate at bottom in 2.00 thk CRCA.
- Rear access is optional.
- Anti vibration pads can be provided.
- Sturdy base is provided with side cable entry.
- Can be manufactured in trapezoidal shape to form a circle.

Standard sizes of the enclosures

Width	Depth	Height	Base
600mm to 800mm in pitch of 100mm	600mm	Typically 750mm can be changed	Typically 75mm

*Up to 800mm width single door, above sizes will have split door.

Product : 19" Rack

Features :

⚙ These can be manufactured in all the three constructions depending upon size.

⚙ The best IP protection (IP-55).

⚙ Modularity for internal assembly. Doesn't require more pre-engineering at customer end.

⚙ Punched holes having pitch 1U as per DIN standard.

⚙ Horizontal slide trays, brackets provided for heavy components mounting like power supplies or CPU units.

⚙ Doors can be supplied with ventilation slots or toughened glass.

⚙ Detachable all the doors and covers facilitates faster interior assembly.

⚙ 4 point locking arrangement with rotating centralized lockable handle by lever key to restrict unauthorized access (option of 2 bit key operated lock).

⚙ Fire retardant & chemical resistant Polyurethane foamed D type gaskets (workability at 100ºC temperature) on doors and covers for better IP protection.

⚙ Keyboard drawer can be supplied with inside mounting or with protruded desk.

⚙ Sheet metal folded base looks attractive with ease in grouting or casters can be provided at bottom.

Standard sizes of the enclosures

Width	Depth	Height	Base
600mm or 800mm	600mm or 800mm	Any from 6U to 53U	75mm , 100mm 150mm , 200mm or casters

*Up to 800mm width single door, above sizes will have split door.

Product : Server Rack

Features :

✿ The best IP protection (IP-55).

✿ These are manufactured in floor standing extensible construction.

✿ Modularity for internal assembly. Doesn't require more pre-engineering at customer end.

✿ Horizontal slide trays, brackets provided for heavy components mounting like power supplies or CPU units.

✿ Doors can be supplied with ventilation slots or toughened glass.

✿ Detachable all the doors and covers facilitates faster interior assembly.

✿ 4 point locking arrangement with rotating centralized lockable handle by lever key to restrict unauthorized access (option of 2 bit key operated lock).

✿ Fire retardant & chemical resistant Polyurethane foamed D type gaskets (workability at 100ºC temperature) on doors and covers for better IP protection.

✿ Sheet metal folded base looks attractive with ease in grouting or casters can be provided at bottom.

✿ Keyboard drawer can be supplied with inside mounting or with protruded desk.

Standard sizes of the enclosures

Width	Depth	Height	Base
600mm-1200mm (pitch of 100mm)	600mm-1000mm (pitch of 50mm)	1000mm-2200mm (pitch of 100mm)	75mm , 100mm 150mm , 200mm or casters

*Up to 1000mm width single door, above sizes will have split door.

Features :

⚙ The best IP protection (IP-55).

⚙ Better strength.

⚙ Modularity for internal assembly. Doesn't require more pre-engineering.

⚙ Width and depth adjustable cylinder mounting channels on a 25mm pitch.

⚙ Doors with hydraulic power closers keeps door normally closed with push to open single point lock.

⚙ Wire reinforced toughened glass fitted on doors with support channels (plated or powder coated) screwed on the doors.

⚙ Fire retardant & chemical resistant Polyurethane foamed D type gaskets (workability at 100ºC temperature) on doors.

⚙ Air suction duct at top for disposal of gas leakages.

⚙ Heavy 5.00mm thick unfolded plate used as bottom for more strength and easy cylinder placing inside cabinet.

Standard sizes :

Width	Depth	Height	Base
400mm-1500mm (pitch of 100mm)	400mm-600mm (pitch of 50mm)	500mm-2200mm (pitch of 100mm)	75mm , 100mm 150mm , 200mm

*Upto 600mm width single door, above sizes will have split doors.

Product : Modular MCC / PCC Enclosures

New (Modular)

EXCEL ENCLOSURES
An ISO 9001-2015 Company

Features :

☼ The best IP protection (IP-54).

☼ Best strength for 1200 depth also.

☼ Modularity for internal assembly. Doesn't require more pre-engineering.

☼ Each & every compartment is a separate box and hence we can alter complete elevation at any stage.

☼ Punched holes having pitch of 12.5mm.

☼ Universal mounting of doors and covers so that they can be interchanged or reverted,

☼ Detachable all the doors and covers facilitates faster interior assembly.

☼ Stronger support channels (plated or powder coated) screwed on the doors.

☼ Fire retardant & chemical resistant Polyurethane foamed D type gaskets (workability at 100ºC temperature) on doors and covers for better IP protection.

☼ Easy and modular busbar mounting is provided in bus chambers.

☼ Depth and height adjustable mounting of component plate and horizontal / vertical partitions.

☼ Clamped and folded gland plates in parts for easy removing and fitting. Gland holes not necessary to decide earlier, can be drilled at site also.

☼ Angular mounting of terminals provides spacious access.

☼ Sheet metal folded base looks attractive with ease in grouting (Grouting holes visible).ISMC base also can be provided.

Standard sizes of the enclosures

Width	Depth	Height	Base
Modules of 300mm, 400mm,500mm,600mm 700mm & 800mm	400mm to 1200mm (pitch of 50mm)	1000mm-2200mm (pitch of 100mm)	75mm , 100mm 150mm , 200mm

Product : Transformer - Choke Enclosures

Features :

✿ Welded body with sides, top and bottom closed in 1.5/2.00 thk folded CRCA sheet or modular frame structure in 3.00 thk. ISMC 75 or 100mm for higher KVA ratings.

✿ Canopy can be mounted on top.

✿ Sides can be covered with covers with punched ventilation lovers.

✿ It can be manufactured in GI sheets or stainless steel sheet for outdoor use.

✿ It can handle weight up to 7-10 Metric Ton.

Standard sizes of the enclosures

Width	Depth	Height
300mm-3000mm (pitch of 100mm)	300mm-10000mm (pitch of 50mm)	300mm-2700mm (pitch of 100mm)

IP : CODE OF PROTECTION

IP __ degree of protection of enclosures of electrical equipment in accordance with standards IEC 529, BS 5490.

First digit : Protection against solid bodies   **Second digit : Protection against water**

IP	TEST	RESULT	IP	TEST	RESULT
0	No protection	Object is not protected	0	No protection	Object is not protected
1	Protection against objects of diameter 50 mm or greater (e.g. Hand)	Any object having diameter 50mm must not enter	1	Protection against dropping water falling vertically (0^0)	No harmful effect of water
2	Protection against objects of diameter 12.5 mm or greater (e.g. Finger)	Any object having diameter 12.5mm must not enter	2	Protection against dropping water falling 15^0 either side of vertical	No harmful effect of water
3	Protection against objects of diameter 2.5 mm or greater (e.g. Tools)	Any object having diameter 2.5mm must not enter	3	Protection against sprayed water falling 60^0 either side of vertical	No harmful effect of water
4	Protection against objects of diameter 1.0 mm or greater (e.g. Fine wires)	Any object having diameter 1mm must not enter	4	Protection against splashing water from all sides	No harmful effect of water
5	Dust protected	Harmful dust particles protected	5	Protection against water jet from all sides	No harmful effect of water
6	Dust proof	Completely protected against dust articles	6	Protection against power-full water jet from all sides	No harmful effect of water
			7	Protection against effect of temporary immersion in water upto 1 meter	No water should enter
			8	Protection against effect of continuous immersion in water	No water should enter

New Products

His Blessings

Our Inspiration

Excel®
ENCLOSURES
An ISO 9001-2015 Company

IP-55, IP-66 & IP-67

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