



ROSE+BOPLA
ENCLOSURES

A PHOENIX MECANO COMPANY

Stainless Steel Watertight 37 Enclosures Product Drawings Last Updated 6/19/2008

Rose+Bopla Enclosures
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Dimensional Drawings

For Secondary Services, Product Support, or To Order, Call 1-301-696-9800



TECHNICAL DATA:

- Surface Finish: 240 grain polished finish
- Material: 304 Stainless Steel (1.4301/304), 1.25mm thick.
- Temperature Range: -40°F to +176°F
- Gasket Material:
Polyurethane
Silicone
EMC (on request).
- Captive Stainless Steel Lid Screws
- Protection Classifications:
Up to Nema 4X
IP 66 to EN 60529
- Approvals:
UL Listed File # E66473
CSA Approved

Rose+Bopla offers high-quality stainless steel enclosures to meet the needs for metal housings in highly corrosive environments and for food industry applications. Our stainless steel design fea-

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tures precise edging, clean soldered seams, and an evenly polished brush finish on the outside. This enclosure comes standard with a foamed-in-place, polyurethane gasket in the lid. The lid screws are located outside the gasketed area and thread into closed sleeves in the base. Internal mounting support bars are built into the base.

Rose+Bopla Stainless Steel Enclosures come standard with base and lid, captive stainless steel lid screws (outside the sealing area) and gasket. The optional external mounting brackets are designed to work with and to seal the pre-punched mounting holes in the base of the enclosure.

Stainless Steel Watertight 37 Enclosures

Part Number	Length (Inches/mm)	Width (Inches/mm)	Height (Inches/mm)	Weight	Drawing Page #
37101006	3.94 / 100	3.94 / 100	2.40 / 61	1.36 lbs	17-95
37101096 **	3.94 / 100	3.94 / 100	2.40 / 61	1.36 lbs	17-95
37151006	5.91 / 150	3.94 / 100	2.40 / 61	1.76 lbs	17-95
37151096 **	5.91 / 150	3.94 / 100	2.40 / 61	1.76 lbs	17-95
37151508	5.91 / 150	5.91 / 150	3.19 / 81	2.55 lbs	17-95
37151598 **	5.91 / 150	5.91 / 150	3.19 / 81	2.55 lbs	17-95
37201006	7.87 / 200	3.94 / 100	2.40 / 61	2.07 lbs	17-95
37202008	7.87 / 200	7.87 / 200	3.19 / 81	3.98 lbs	17-95
37202098 **	7.87 / 200	7.87 / 200	3.19 / 81	3.98 lbs	17-95
37202012	7.87 / 200	7.87 / 200	4.76 / 121	4.59 lbs	17-95
37202092	7.87 / 200	7.87 / 200	4.76 / 121	4.59 lbs	17-95
37301508	11.81 / 300	5.91 / 150	3.19 / 81	4.15 lbs	17-95
37302008	11.81 / 300	7.87 / 200	3.19 / 81	5.05 lbs	17-95
37302012	11.81 / 300	7.87 / 200	4.76 / 121	4.59 lbs	17-95
37302092 **	11.81 / 300	7.87 / 200	4.76 / 121	4.59 lbs	17-95
37303012	11.81 / 300	11.81 / 300	4.76 / 121	7.98 lbs	17-95
37303016	11.81 / 300	11.81 / 300	6.34 / 161	9.67 lbs	17-95
37383816 *	14.96 / 380	14.96 / 380	6.34 / 161	13.32 lbs	17-95
37401508 *	15.75 / 400	5.91 / 150	3.19 / 81	5.31 lbs	17-95
37402012 *	15.75 / 400	7.87 / 200	4.76 / 121	7.98 lbs	17-95
37403016 *	15.75 / 400	11.81 / 300	6.34 / 161	7.73 lbs	17-95
37503016 *	19.69 / 500	11.81 / 300	6.34 / 161	13.79 lbs	17-95
37504016 *	19.69 / 500	15.75 / 400	6.34 / 161	16.69 lbs	17-95
37602012 *	23.62 / 600	7.87 / 200	4.76 / 121	10.98 lbs	17-95

Note: Dimensions are external. Metric is the primary dimension. Inch conversions and weights are for the user's convenience and are for reference only. Accessories shown on drawing page.

* Additional lead time on some sizes larger than 37383816.

** Enclosures without holes in rear for mounting.



Stainless Steel Watertight

37101006 - 37602012

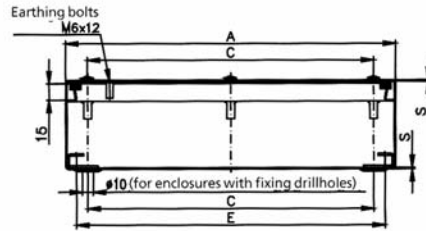
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Standard Features

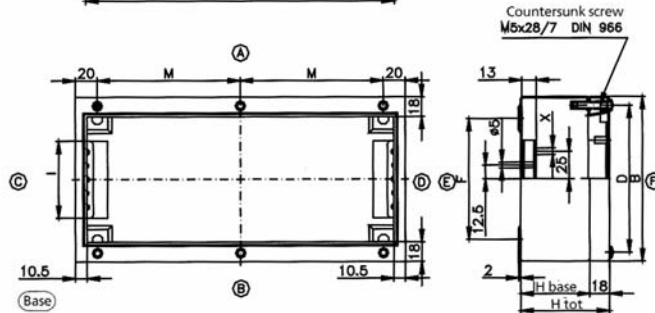
- Polyurethane gasket
- **10093216** Lid screws M5x25/7 for 37101006 00, 37151006 00, 37201006 00
- **10093344** Lid screws, M5x28/7 for 37151508 00, 37202008 00, 37202012 00, 37301508 00, 37302008 00, 37302012 00, 37303012 00, 37303016 00, 37383816 00, 37401508 00, 37402012 00, 37403016 00, 37503016 00, 37504016 00, 37602012 00.

Accessories

- **10051233** Mounting plate screws M6x10.
- **10011053** Mounting plate for 37101006 and 37101096.
- **10011054** Mounting plate for 37151006 and 37151096.
- **10011038** Mounting plate for 37151508 and 37151598.
- **10011055** Mounting plate for 37201006.
- **10011040** Mounting plate for 37202008, 37202012, 37202092, and 37202098.
- **10010039** Mounting plate for 37301508.
- **10011041** Mounting plate for 37302008, 37302092, and 37302012.
- **10011044** Mounting plate for 37303012 and 37303016.
- **10011045** Mounting plate for 37383816.
- **10011056** Mounting plate for 37401508.
- **10011043** Mounting plate for 37402012.
- **10011048** Mounting plate for 37403016.
- **10011057** Mounting plate for 37503016.
- **10011049** Mounting plate for 37504016.
- **10011058** Mounting plate for 37602012.
- **37105000** External mounting bracket.
- **37990001** Mounting set.
- **37000002** External hinge set.



Stainless Steel Enclosures

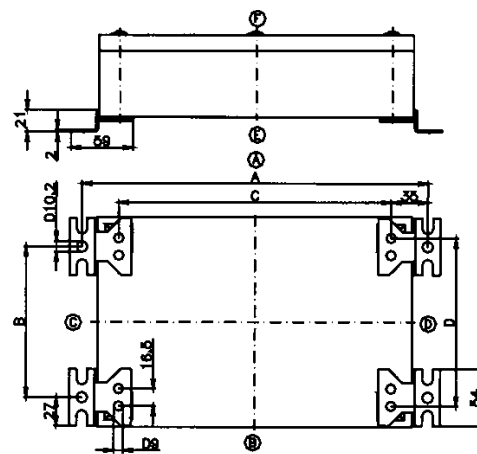


Part Number*	Part Number	A	B	C	D	E	F	I	S	M	X	Hbase	Htot.
37101096	37101006	100	100	60	84	81	60	20	1.25	-	M4	43	61
37151096	37151006	150	100	110	84	131	60	20	1.25	-	M4	43	61
37151598	37151508	150	150	110	134	131	110	70	1.25	-	M6	63	81
	37201006	200	100	160	84	181	60	20	1.25	-	M4	43	61
37202098	37202008	200	200	160	184	181	160	120	1.25	-	M6	63	81
37202092	37202012	200	200	160	184	181	160	120	1.25	-	M6	103	121
	37301508	300	150	260	134	281	110	70	1.25	-	M6	63	81
	37302008	300	200	260	184	281	160	120	1.25	-	M6	63	81
37302092	37302012	300	200	260	184	281	160	120	1.25	-	M6	103	121
	37303012	300	300	260	284	281	260	220	1.25	-	M6	103	121
	37303016	300	300	260	284	281	260	220	1.25	-	M6	143	161
	37383816	380	380	340	364	361	340	300	1.25	-	M6	143	161
	37401508	400	150	360	134	381	110	70	1.25	-	M6	63	81
	37402012	400	200	360	184	381	160	120	1.25	-	M6	103	121
	37403016	400	300	360	284	381	260	220	1.25	-	M6	143	161
	37503016	500	300	460	284	481	260	220	1.25	230	M6	143	161
	37504016	500	400	460	384	481	360	320	1.25	230	M6	143	161
	37602012	600	200	560	184	581	160	120	1.50	280	M6	103	121

* Enclosures without holes for mounting.

External bracket for enclosure with mounting hole

Part Number	A Inches/mm	B Inches/mm	C Inches/mm	D Inches/mm
37101006	5.12 / 130	1.73 / 44	2.36 / 60	2.36 / 60
37151006	7.09 / 180	1.73 / 44	4.33 / 110	2.36 / 60
37151508	7.09 / 180	3.70 / 94	4.33 / 110	4.33 / 110
37201006	9.05 / 230	1.69 / 43	6.30 / 160	2.36 / 60
37202008	9.05 / 230	5.67 / 144	6.30 / 160	6.30 / 160
37202012	9.05 / 230	5.67 / 144	6.30 / 160	6.30 / 160
37301508	13.00 / 330	3.70 / 94	10.24 / 260	4.33 / 110
37302008	13.00 / 330	5.67 / 144	10.24 / 260	6.30 / 160
37302012	13.00 / 330	5.67 / 144	10.24 / 260	6.30 / 160
37303012	13.00 / 330	9.61 / 244	10.24 / 260	10.24 / 260
37303016	13.00 / 330	9.61 / 244	10.24 / 260	10.24 / 260
37383816	16.14 / 410	12.75 / 324	13.39 / 340	13.38 / 340
37401508	16.93 / 430	3.70 / 94	14.17 / 360	4.33 / 110
37402012	16.93 / 430	5.67 / 144	14.17 / 360	6.30 / 160
37403016	16.93 / 430	9.61 / 244	14.17 / 360	10.24 / 260
37503016	20.87 / 530	9.61 / 244	18.11 / 460	10.24 / 260
37504016	20.87 / 530	13.54 / 344	18.11 / 460	14.17 / 360
37602012	24.80 / 630	5.67 / 144	22.05 / 560	6.30 / 160



External bracket for enclosures with mounting holes.

Dimensional Drawings