

## CS480 STAINLESS STEEL PENDANT ARM SYSTEM



*Fitting with Cover Removed*

### INDUSTRY STANDARDS

IEC 60529, IP66

### APPLICATION

The CS480 Stainless Steel Pendant Arm System performs extremely well in applications that require corrosion resistance and suspension of process and control equipment for easy cleaning and washdown. CS480 is recommended for use with Stainless Steel HMI Enclosures with CS480 pendant cutout. The CS480 system has a high degree of design configuration flexibility. (For possible design combinations, see the System Combinations Drawings.) Used for lighter loads, the CS480 system's load rating at 3.3 ft. (1 m) is 89.6 lb. (40.7 kg). Ratings for other loads are shown in the Load Capacity chart.

### SPECIFICATIONS

- Tubing clamps into position with setscrews for easy assembly and smooth appearance
- Fixed or swivel mounting, straight or at a 15-degree angle
- 90-degree fittings have a removable cover that allows easy access for wiring
- The coupling hole geometrics for enclosure machining are shown in the Coupling Hole Geometry diagram

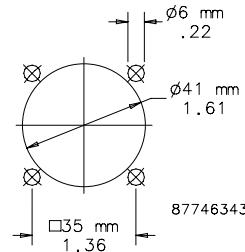
### FINISH

Tubing: Type 304 polished stainless steel

Fittings: Type 304 polished stainless steel

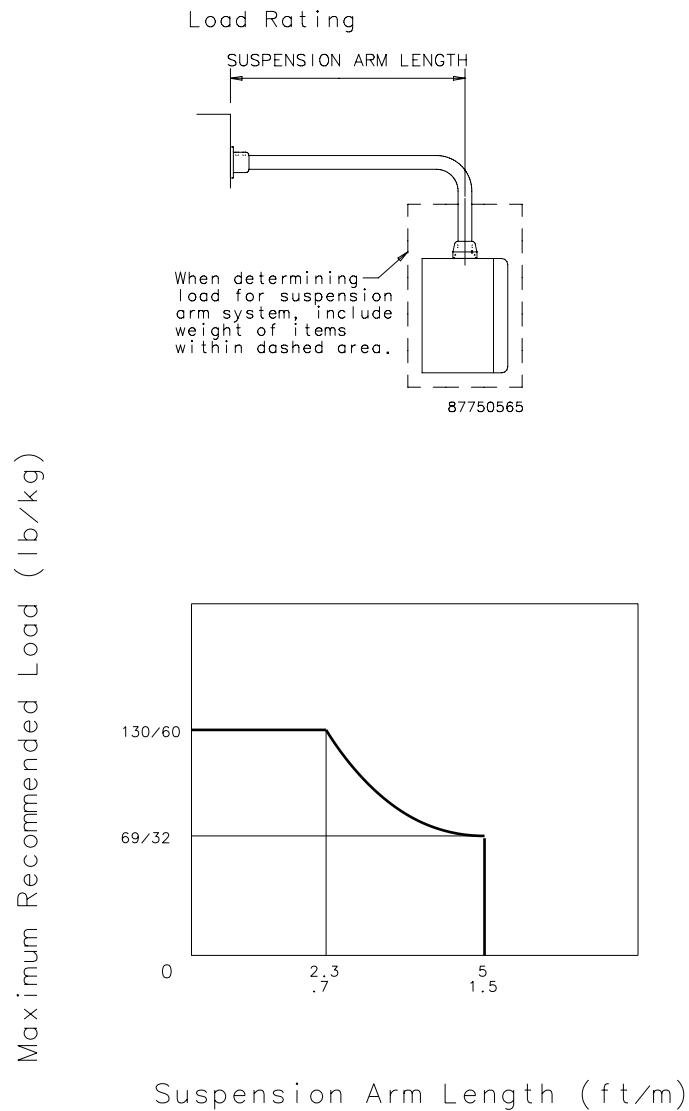
Brushed stainless steel shown.

Coupling Hole Geometry  
for Enclosure Machining



## SYSTEM LOAD CAPACITY

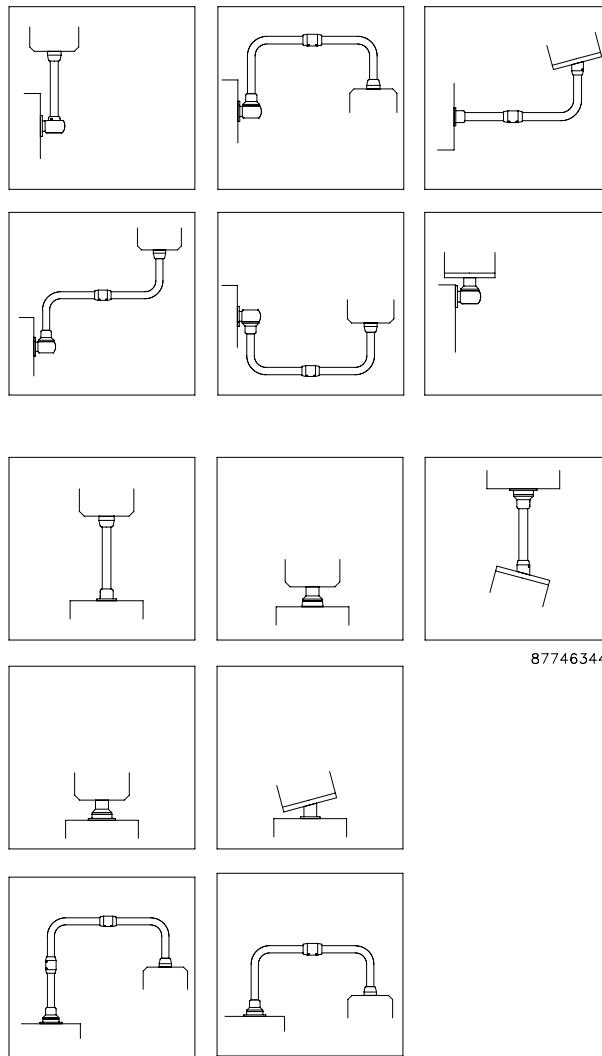
The load capacity of the CS480 Pendant Arm System is shown in the diagram. Choose the CS600 System for larger loads.



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## SYSTEM COMBINATIONS

The wide variety of components permits a high level of flexibility in configuring the system. Some possible combinations are shown here.



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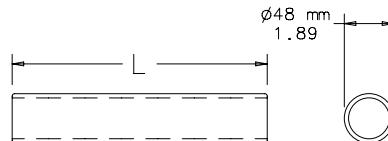
## STRAIGHT TUBING



Straight Tubing has an outer diameter of 48.3 mm (1.90 in.) and is made from 3.6-mm wall thickness Type 304 polished stainless steel.

BULLETIN: CCR6

Catalog Number	L mm/in.	Product Weight (kg)	Product Weight (lb.)
CCSS48T25	250 9.84	1.13	2.5
CCSS48T50	500 19.69	2.13	4.7
CCSS48T75	750 29.53	3.18	7.0
CCSS48T100	1000 39.37	4.40	9.7
CCSS48T125	1250 49.21	5.44	12.0
CCSS48T150	1500 59.06	6.67	14.7



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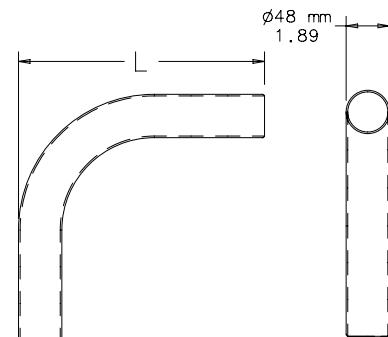
## L-SHAPED TUBING



L-Shaped Tubing has an outer diameter of 48.3 mm (1.90 in.) and is made from 3.6-mm-thick Type 304 polished stainless steel. It is used with coupling sleeves and straight tubing to provide the desired system configuration.

BULLETIN: CCR6

Catalog Number	L mm/in.	Product Weight (kg)	Product Weight (lb.)
CCSS48TLB25	250 x 250 9.84 x 9.84	2.4	5.3
CCSS48TLB50	500 x 500 19.69 x 19.69	4.76	10.5



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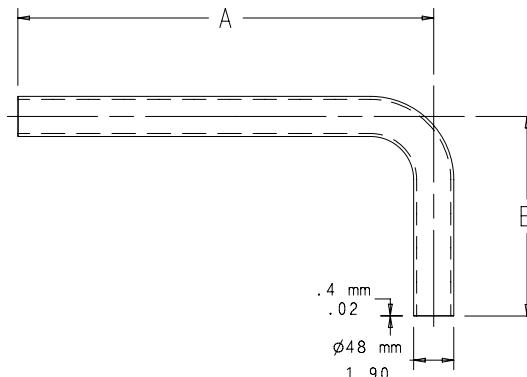
## L-SHAPED STAINLESS STEEL PENDANT TUBES



L-Shaped Pendant Tubes are made of Type 304 stainless steel with an outer diameter of 48 mm (1.90 in.) and have a smooth finish. For use in conjunction with CS480 stainless steel pendant fittings. Use of these tubes does not compromise the enclosure rating.

BULLETIN: CCR6

Catalog Number	A mm/in.	B mm/in.	Product Weight (kg)	Product Weight (lb.)
CCSSTL5024	500 19.69	240 9.45	2.6	5.7
CCSSTL10050	1000 39.37	500 19.69	5.4	11.9



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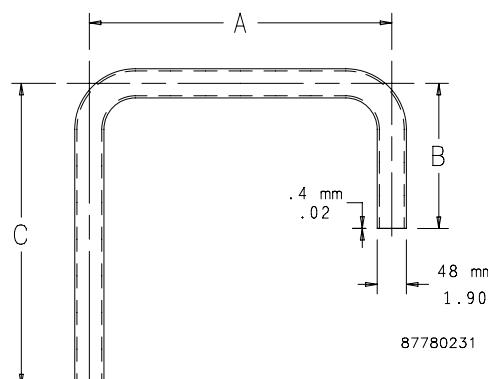
## U-SHAPED STAINLESS STEEL PENDANT TUBES



U-Shaped Pendant Tubes are made of Type 304 stainless steel with an outer diameter of 48 mm (1.90 in.) and have a smooth finish. For use in conjunction with CS480 stainless steel pendant fittings. Use of these tubes does not compromise the enclosure rating.

BULLETIN: CCR6

Catalog Number	AxBxC in./mm	Product Weight (kg)	Product Weight (lb.)
CCSSTU502450	19.69 x 9.45 x 19.69 500 x 240 x 500	4.5	9.9
CCSSTU802480	31.50 x 9.45 x 31.50 800 x 240 x 800	6.7	14.8



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## COUPLING SLEEVE

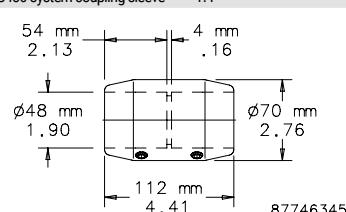


The Shaped Pendant Tubes joins sections of tubing in the CS480 System. Type 304 polished stainless steel finish. Includes gaskets.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48CS	CS480 system coupling sleeve	1.4	3.5



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## STRAIGHT COUPLING

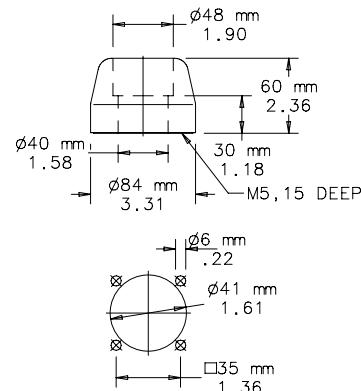


Flange coupling for attaching enclosures. Turns through 340 degrees with rotation stop. Preset torque. Maintenance-free bearings. Type 304 polished stainless steel finish. Includes gaskets and mounting hardware.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48FC	Straight coupling for enclosure	1.4	3.5



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NOTE: Recommended mounting hole size shown.

## ANGLE COUPLING

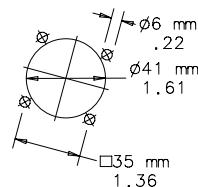
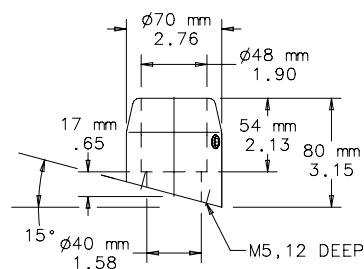


Rigid flange coupling with 15-degree angle of inclination for attaching enclosures. Type 304 polished stainless steel finish. Includes gaskets and mounting hardware.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48AC15	Angle coupling for enclosures	1.0	2.0



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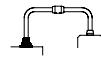
NOTE: Recommended mounting hole size shown.

## SWIVEL BASE FOR EXTERNAL ATTACHMENT

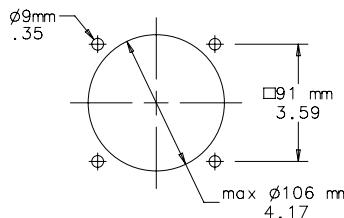
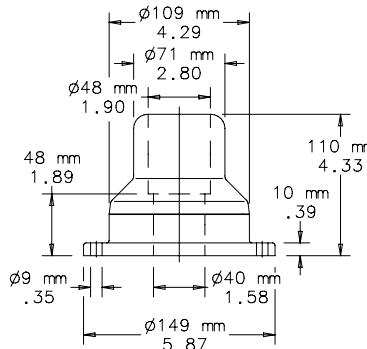


Swivel Base for mounting to machine or floor. Turns through 340 degrees with rotation stop. Preset torque. Maintenance-free bearings. Type 304 polished stainless steel finish. Includes gaskets. Base-mounting fasteners not provided.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48BBRE	Swivel base, external	4.2	9.5



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NOTE: Recommended mounting hole size shown.

## SWIVEL BASE FOR INTERNAL MOUNTING

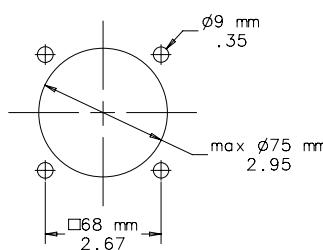
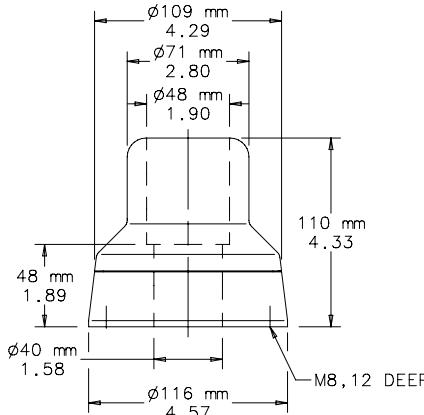


Swivel Base for mounting to machine or floor. Turns through 340 degrees with rotation stop. Preset torque. Maintenance-free bearings. Type 304 polished stainless steel finish. Includes gaskets. Base-mounting fasteners not provided.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48BBRI	Swivel base, internal	4.2	9.5



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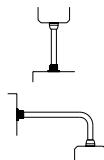
NOTE: Recommended mounting hole size shown.

## BASE BRACKET/WALL FLANGE

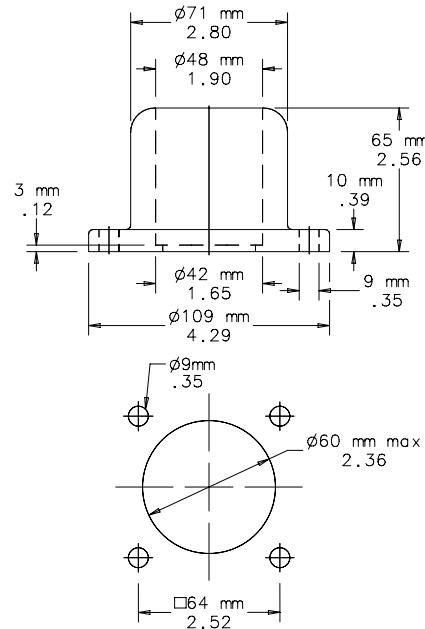


Use as Base Bracket or Wall Flange to mount to vertical or horizontal surfaces. Type 304 polished stainless steel finish. Includes gaskets. Base-mounting fasteners not provided.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48BB	Base bracket/wall flange	1.4	3.5



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NOTE: Recommended mounting hole size shown.

## BASE BRACKET ANGLE COUPLING

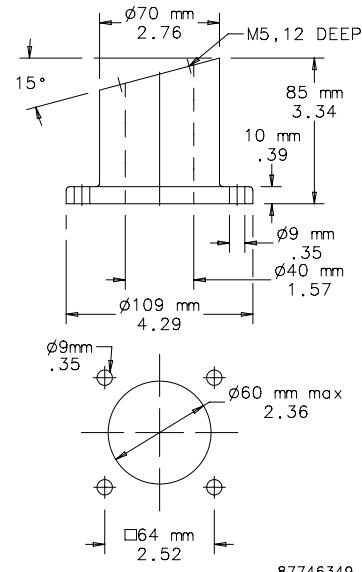
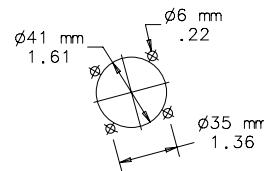


Rigid 15-degree coupling for direct mounting of enclosures to horizontal and vertical surfaces. Type 304 polished stainless steel finish. Includes gaskets and enclosure mounting hardware. Base-mounting fasteners not provided.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48ACBB	Base bracket angle coupling	1.9	4.5



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NOTE: Recommended mounting hole size shown.

## SWIVEL BASE EXTERNAL BRACKET COUPLING

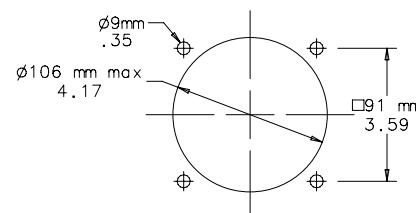
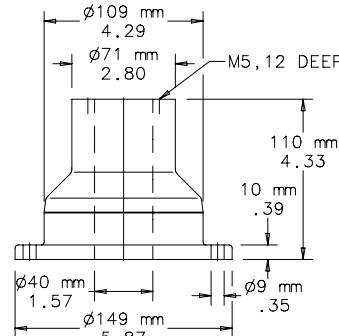
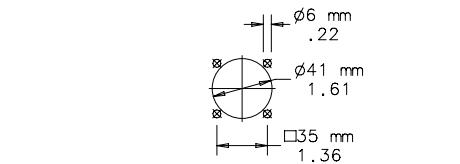


Swivel Base External Bracket Coupling for mounting enclosures directly to a machine or the floor. Turns through 340 degrees with rotation stop. Preset torque. Maintenance-free bearings. Type 304 polished stainless steel finish. Includes gaskets and enclosure mounting hardware. Base-mounting fasteners not provided.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48BBCRE	Swivel base external bracket coupling	4.5	9.92



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NOTE: Recommended mounting hole size shown.

## SWIVEL BASE INTERNAL BRACKET COUPLING

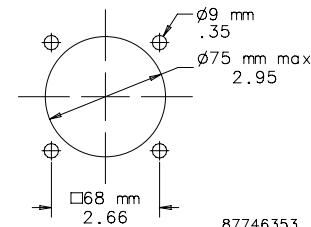
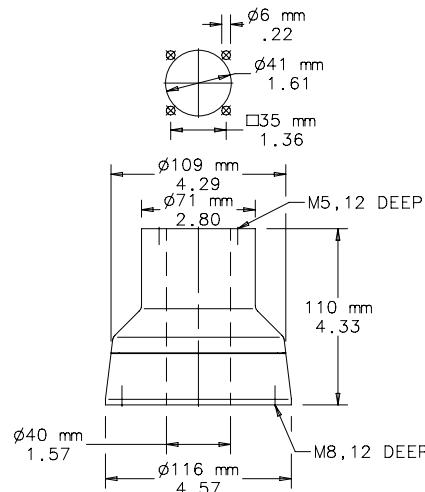


Swivel Base Internal Bracket Coupling for directly mounting enclosures to a machine or the floor. Turns through 340 degrees with rotation stop. Preset torque. Maintenance-free bearings. Type 304 polished stainless steel finish. Includes gaskets and enclosure mounting hardware. Base-mounting fasteners not provided.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48BBCRI	Swivel base internal bracket coupling	4.1	9.03



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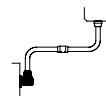
NOTE: Recommended mounting hole size shown.

## WALL JOINT

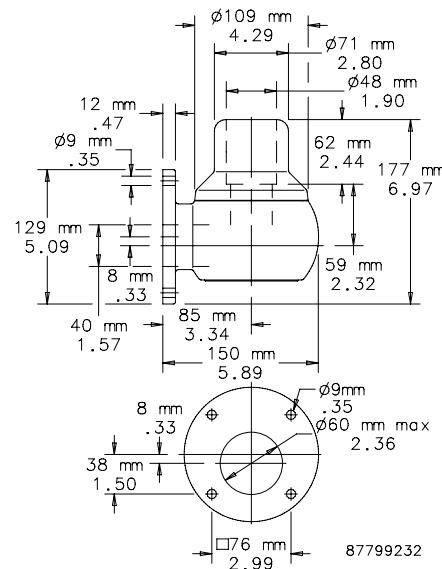


Wall Joint with vertical socket for mounting to vertical surfaces. Cover to facilitate wiring. Turns through 340 degrees with rotation stop. Preset torque. Maintenance-free bearings. Type 304 polished stainless steel finish. Includes gaskets. Wall-mounting fasteners not provided.

BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48WJV	Wall joint, vertical mount	7.3	16.09



NOTE: Recommended mounting hole size shown.

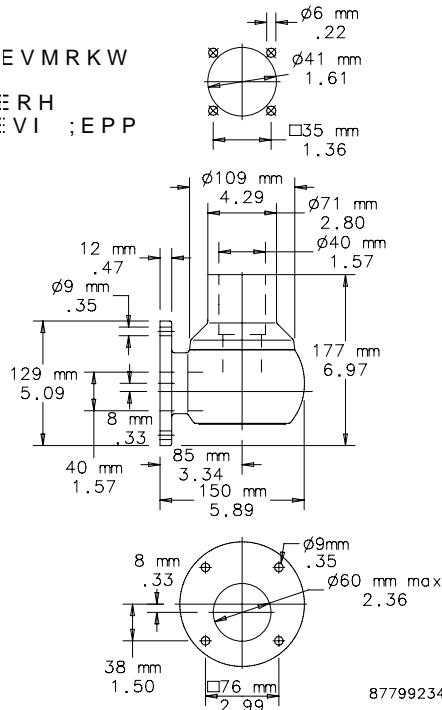
7 [ M Z I P ; E P P ' S Y T P M R K  
mounting of enclosure to vertical  
machine surfaces. Turns through  
340 degrees with rotation stop.

Cover to facilitate wiring. Preset  
X SV U Y I 1 E M R X I R E R G I J V I I F I E V M R K W  
Type 304 polished stainless steel  
1/4" RM WL - R G P Y H I W K E W O I X W E R H  
I R G P S W Y V I Q S Y R X M R K L E V H [E V I : E P F  
mounting fasteners not provided.

## BULLETIN: CCR6



L	S	V	H	M	V	I	G	X
Catalog Number	Description				Product Weight (kg)			Product Weight (lb.)
CCSS48WJC	Wall coupling, vertical mount				7.3			16.09



NOTE: Recommended mounting hole size shown.

## WALL BRACKET

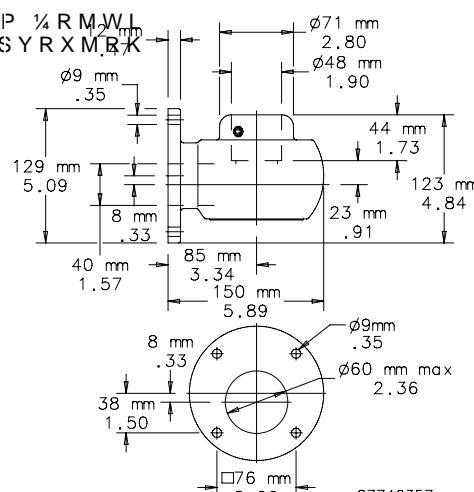
; E P P & V E G O I X [ M X L Z  
for attachment to vertical surfaces.  
Cover to facilitate wiring. Type 304

Cover to facilitate wiring. Type 30  
TSPMWLIH WXEMRPI  
-RGPYHIW KEWOIXW  
fasteners not included.

## BULLETIN: CCR6



Catalog Number	Description	Product Weight (kg)	Product Weight (lb.)
CCSS48WJRV	Wall bracket	7.7	16.25



NOTE: Recommended mounting hole size shown.

