

# NEMA 3R, 4, 12, and 13 HMI Enclosures



## Applications

Designed to house Human-Machine Interfaces (HMI) and electrical and electronic controls, instruments and components. Provides protection from dust, oil, and water. For outdoor application a drip shield and drain vent is recommended.

## Construction

- 0.075in carbon steel
- Seams continuously welded and ground smooth
- Reinforced with suspension or pedestal mounting provisions
- Concealed hinge rear access door
- Removable front screw cover for easy installation of cutouts, HMI, and components
- Poured-in-place oil- and water-resistant gasket
- Black 1/4-turn latches
- Operate latches with a screwdriver
- Ground studs on door and body

## Finish

- RAL7035 gray powder coated

## Listings

- NEMA Type 3R, 4, 12, and 13
- cULus Listed Type 3R, 4, and 12 [File E69392]
- CSA Type 3R, 4, and 12
- IEC 60529
- IP66



Front View



Rear View

Note: Compatible with Saginaw Aluminum and Adjustable Suspension Arm Components.

## NEMA 3R, 4, 12, and 13 HMI Enclosures

RAL7035	Price	Size HxWxD	Weight	Max Front Cutout Area	Optional Subpanel	Drawing Link
<b>SCE-12HMI1606LP</b>	\$476.00	12.27 x 16.27 x 7.25 [312 x 413 x 184]	22.30 [10.11]	9.5 x 13.5 [241 x 343]	<a href="#">SCE-12P10</a>	<a href="#">PDF</a>
<b>SCE-12HMI1610LP</b>	\$505.00	12.27 x 16.27 x 11.25 [312 x 413 x 286]	22.17 [10.05]	9.5 x 13.5 [241 x 343]	<a href="#">SCE-12P10</a>	<a href="#">PDF</a>
<b>SCE-14HMI1806LP</b>	\$517.00	14.27 x 18.27 x 7.25 [362 x 464 x 184]	38.20 [17.32]	11.5 x 15.5 [292 x 394]	<a href="#">SCE-14P12</a>	<a href="#">PDF</a>
<b>SCE-14HMI1810LP</b>	\$548.00	14.27 x 18.27 x 11.25 [362 x 464 x 286]	27.00 [12.24]	11.5 x 15.5 [292 x 394]	<a href="#">SCE-14P12</a>	<a href="#">PDF</a>
<b>SCE-16HMI2006LP</b>	\$561.00	16.27 x 20.27 x 7.25 [413 x 515 x 184]	32.50 [14.74]	13.5 x 17.5 [343 x 445]	<a href="#">SCE-16P14</a>	<a href="#">PDF</a>
<b>SCE-16HMI2010LP</b>	\$592.00	16.27 x 20.27 x 11.25 [413 x 515 x 286]	30.50 [13.83]	13.5 x 17.5 [343 x 445]	<a href="#">SCE-16P14</a>	<a href="#">PDF</a>
<b>SCE-20HMI2406LP</b>	\$613.00	20.27 x 24.27 x 7.25 [515 x 616 x 184]	42.80 [19.41]	17.5 x 21.5 [445 x 546]	N/A	<a href="#">PDF</a>
<b>SCE-20HMI2410LP</b>	\$661.00	20.27 x 24.27 x 11.25 [515 x 616 x 286]	50.40 [22.86]	17.5 x 21.5 [445 x 546]	N/A	<a href="#">PDF</a>

Note: Dimensions in inches [millimeters].

Weight in pounds [kilograms]

# Light Duty Counter Balance Suspension Arms



## Applications

Allows operators to easily move or position an HMI to an ergonomic and comfortable working position. Suspension Systems can be assembled in a multitude of configurations that allow for machine-, wall-, top-, and floor-mount options.

## Construction

- Rotating couplings have adjustable tensioner brakes to control movement while in use
- Closed tube acts as conduit for feeding wiring

## Finish

- Natural Aluminum end couplings

Light Duty Counter Balance Suspension Arms			
Part	Price	Load Capacity	Drawing Link
<a href="#">SCE-SACB11T31</a>	\$1,430.00	11-31 [4.99 x 14.06]	<a href="#">PDF</a>
<a href="#">SCE-SACB31T55</a>	\$1,457.00	31-55 [14.06 x 24.94]	<a href="#">PDF</a>

Note: Weight in pounds [kilograms]



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- Closed tube acts as conduit for feeding wiring

## Finish

- RAL7035 gray powder coated end couplings

### Heavy Duty Counter Balance Suspension Arms

Part	Price	Load Capacity	Drawing Link
<a href="#">SCE-SAHC44T70</a>	\$3,205.00	44-70 [19.95 x 31.75]	<a href="#">PDF</a>
<a href="#">SCE-SAHC70T97</a>	\$3,307.00	70-97 [31.75 x 43.99]	<a href="#">PDF</a>
<a href="#">SCE-SAHC97T132</a>	\$3,384.00	97-132 [43.99 x 59.86]	<a href="#">PDF</a>
<b>Note: Weight in pounds [kilograms]</b>			

# Heavy-Duty Counter-Balance Suspension Arm Mounting Components



## Applications

Used to mount a Heavy-Duty Adjustable Arm to a vertical or Horizontal surface. Require SCE-SAH06TC to connect to adjustable arm.

## Construction

- Cast aluminum couplings
- Extruded aluminum tubes (6060T66)
- Rotating couplings have adjustable tensioner brakes to control movement while in use
- Rigid, durable bearing in all rotating couplings withstand the stress of continuous
- Removable access covers on all couplings with 90° turn
- Hardware and gasket included for installation of coupling to tube

Top-Mounted Swivel		
Part Number	Price	Drawing Link
<a href="#">SCE-SAH310TMJ</a>	\$1,062.00	<a href="#">PDF</a>

Mounts to horizontal surface, and offers up to 310° of arm rotation. Requires [SCE-SAH06TC](#) to connect to a Heavy Duty Height Adjustable Arm.



[SCE-SAH310TMJ](#)

Wall-Mount Swivel Base		
Part Number	Price	Drawing Link
<a href="#">SCE-SAH230WH</a>	\$1,078.00	<a href="#">PDF</a>

Mounts to horizontal surface, and offers up to 230° of arm rotation. Requires [SCE-SAH06TC](#) to connect to a Heavy Duty Height Adjustable Arm.



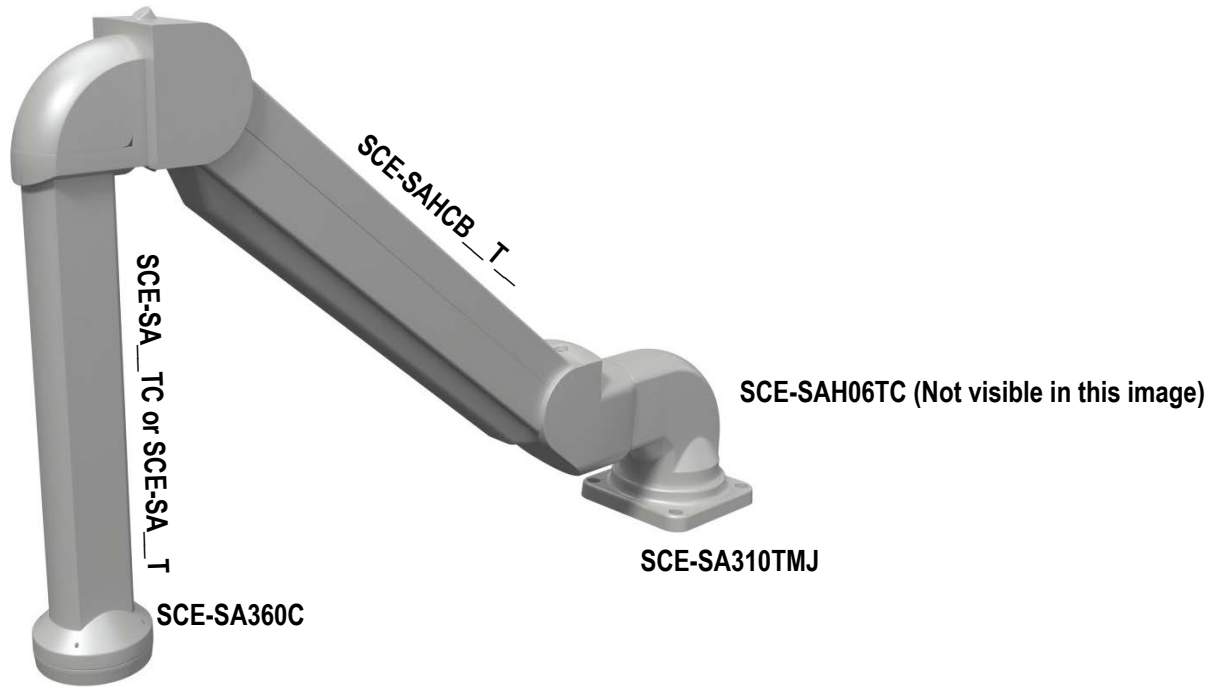
[SCE-SAH230WH](#)

Heavy-Duty Suspension Arm Profile			
Part	Price	Length	Drawing Link
<a href="#">SCE-SAH06TC</a>	\$146.00	6.0 [152]	<a href="#">PDF</a>
Note: Weight in pounds [kilograms]			



[SCE-SAH06TC](#)

# Height Adjustable Suspension Arm Configuration Examples



Note: When assembled, profile tube SCE-SAH06TC is enclosed and not visible from some perspectives.

