



# **BEH5 Series Long Dock Leveler**

**Optional Safety Stripes  
and  
Paint Detail**

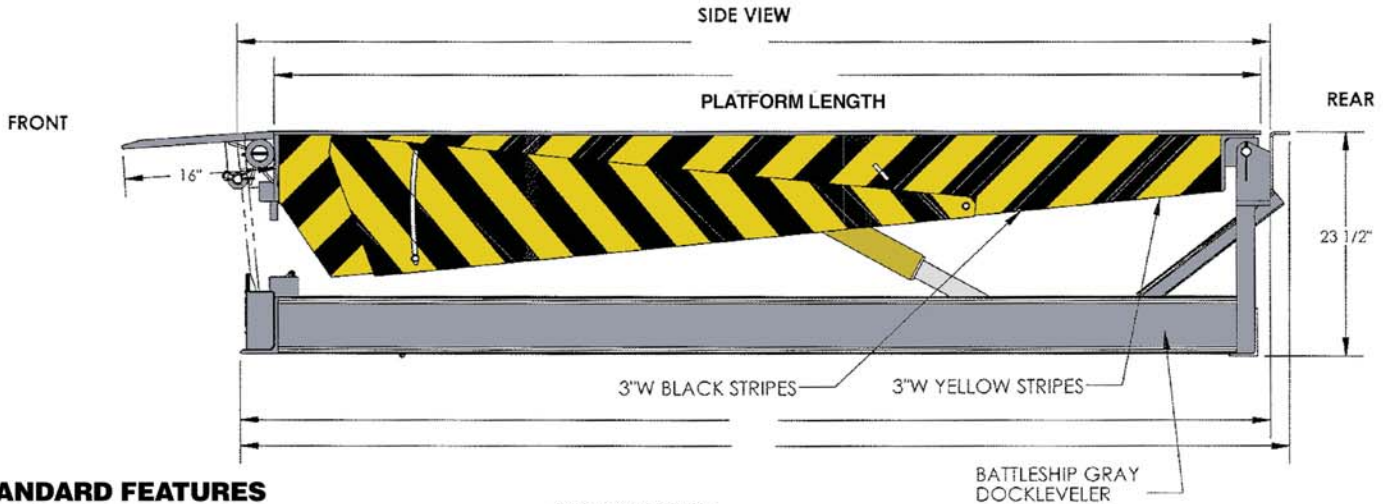
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Toll Free: 800-454-7159  
[www.beacontechology.com](http://www.beacontechology.com)

# ELECTRIC HYDRAULIC DOCKLEVELER - BEH5 SERIES

APPROX WEIGHT:  
DOES NOT INCLUDE WEIGHT OF POWER OR PACKAGING!!!

\*\*\* ANY ADDITIONS, DELETIONS, OR OMISSIONS MUST BE CORRECTED ON THIS DRAWING AS THIS DRAWING WILL BE CONSIDERED ALL INCLUSIVE \*\*\*  
ALL GRAPHICS PROVIDED ARE FOR REFERENCE ONLY. IF CERTAIN DIMENSIONS ARE CRITICAL PLEASE VERIFY THOSE DIMENSIONS WITH YOUR SALESPERSON



## STANDARD FEATURES

DOCKLEVELER MODEL NUMBER:  
\*PIT WIDTH IS  
\*PIT LENGTH IS  
PIT DEPTH IS 24"  
LIP LENGTH: 16"  
CAPACITY: LBS DYNAMIC ROLLOVER  
CAPACITY: LBS. STATIC

FINISH COAT COLOR:  
BSPO-LW-GY-SG SPECIAL PAINT OPTION  
UNIT PAINTED BATTLESHIP GREY  
GRAY PAINT PRODUCT CODE: 72-2010; NAME: GRAY HAPs FREE WATER REDUCIBLE AIR/FORCE DRY ENAMEL  
BLACK PAINT PRODUCT CODE: 72-1211; NAME: BLACK HAPs FREE WATER REDUCIBLE AIR/FORCE DRY ENAMEL  
YELLOW PAINT PRODUCT CODE: 72-2635; NAME: YELLOW HAPs FRE WATER REDUCIBLE AIR/FORCE DRY ENAMEL

BATTLESHIP GRAY  
DOCKLEVELER

## OPTIONAL FEATURES

SAFETY STRIPES ARE BLACK & YELLOW  
SAFETY STRIPES LOCATED ON FULL FACE  
OF FULL RANGE TOE GAURDS AND 6" W  
SAFETY STRIPES ON TOP DECK EDGE

### PLEASE CIRCLE SPECIFICATIONS:

POWER	AC	<input checked="" type="checkbox"/> DC	<input type="checkbox"/> *AIR/OIL
MOTOR VOLTAGE	<input checked="" type="checkbox"/> 115	<input type="checkbox"/> 208	<input type="checkbox"/> 230 <input type="checkbox"/> 460
DEDICATED CIRCUIT REQUIRED			
MOTOR PHASE	SINGLE	THREE	
CONTROL	HAND	* FOOT	
ALL BATTERY CHARGERS ARE 115V AC			
* BATTERY CHRG.	REMOTE	ON BOARD	
* CHRG. INDICATOR	YES	NO	

\*\*\*SPECIAL UNITS ARE NON-RETURNABLE

\* AVAILABLE AT ADDITIONAL COST

DIMENSION TOLERANCE ± 1/4"

APPROVAL

I, THE UNDERSIGNED, AGREE THAT THE PRODUCT AS REPRESENTED SATISFIES DESIGN AND DIMENSION REQUIREMENTS. I ALSO ACKNOWLEDGE MY DUTY TO CONFIRM PRODUCT AND INSTALLATION COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND STANDARDS.  
**ALL SPECIAL UNITS ARE NON-RETURNABLE**  
[ ] As drawn [ ] As marked

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

LEAD TIME WILL START UPON RECEIPT OF SIGNED APPROVAL DRAWING

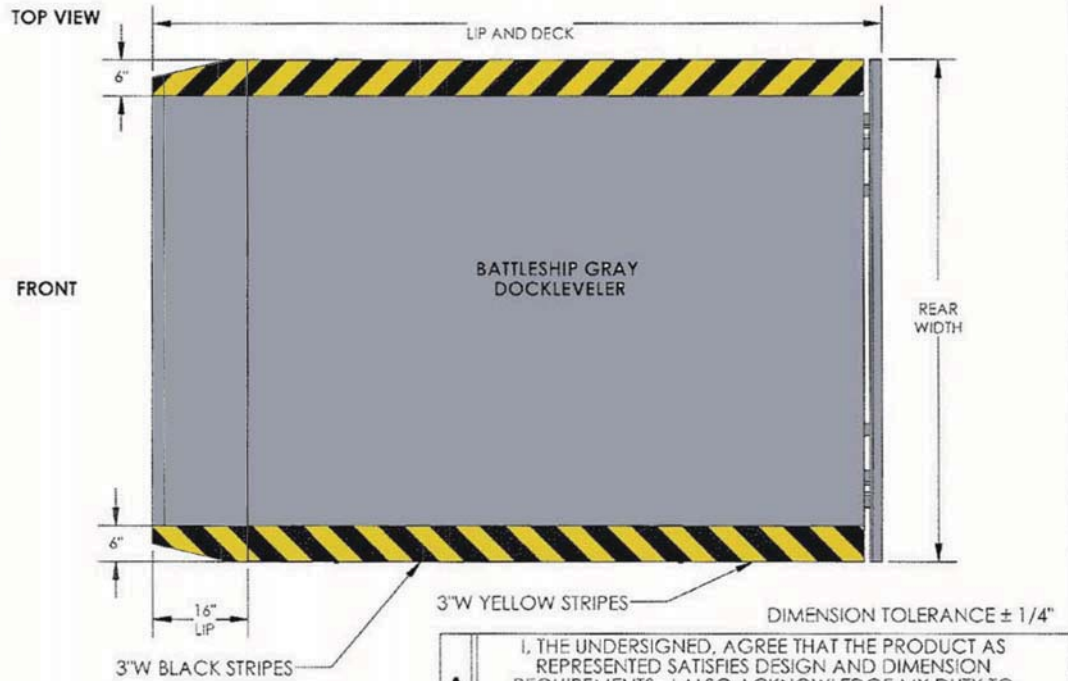
## BEACON INDUSTRIES

DRAWN BY:	DATE:	SALES:	P.O.#
REFERENCE:	SCALE: NTS	FILE NAME:	W.O.#
QUOTED LEAD TIME:	QUOTE #		

# ELECTRIC HYDRAULIC DOCKLEVELER - BEH5 SERIES

APPROX WEIGHT:  
DOES NOT INCLUDE WEIGHT OF POWER OR PACKAGING!!!

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## STANDARD FEATURES

- DOCKLEVELER MODEL NUMBER: BEH5 SERIES
- \*PIT WIDTH IS
- \*PIT LENGTH IS
- PIT DEPTH IS 24"
- LIP LENGTH: 16"
- CAPACITY: LBS DYNAMIC ROLLOVER
- CAPACITY: LBS. STATIC
- SAFETY SIDE STRIPES 3" WIDE
- STRIPES ARE YELLOW AND BLACK
- SAFETY TOP STRIPES 6" WIDE

## OPTIONAL FEATURES

- SAFETY YELLOW AND BLACK STRIPES
- FULL RANGE OF TOE GUARDS

FINISH COAT COLOR:  
BSPO-LW-GY-SG SPECIAL PAINT OPTION  
UNIT PAINTED BATTLESHIP GREY  
GRAY PAINT PRODUCT CODE: 72-2010; NAME: GRAY HAPs FREE WATER REDUCIBLE AIR/FORCE DRY ENAMEL  
BLACK PAINT PRODUCT CODE: 72-1211; NAME: BLACK HAPs FREE WATER REDUCIBLE AIR/FORCE DRY ENAMEL  
YELLOW PAINT PRODUCT CODE: 72-2635; NAME: YELLOW HAPs FREE WATER REDUCIBLE AIR/FORCE DRY ENAMEL  
3"W YELLOW AND BLACK STRIPING  
6" ON EACH SIDE AND ON TOE GUARDS

### PLEASE CIRCLE SPECIFICATIONS:

POWER	AC	DC	*AIR/OIL
MOTOR VOLTAGE	115	208	230 460
DEDICATED CIRCUIT REQUIRED			
MOTOR PHASE	SINGLE	THREE	
CONTROL	HAND	*FOOT	
ALL BATTERY CHARGERS ARE 115V AC			
* BATTERY CHRG.	REMOTE	ON-BOARD	
* CHRG. INDICATOR	YES	NO	

\*\*\*SPECIAL UNITS ARE NON-RETURNABLE

\* AVAILABLE AT ADDITIONAL COST

I, THE UNDERSIGNED, AGREE THAT THE PRODUCT AS REPRESENTED SATISFIES DESIGN AND DIMENSION REQUIREMENTS. I ALSO ACKNOWLEDGE MY DUTY TO CONFIRM PRODUCT AND INSTALLATION COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND STANDARDS.  
**ALL SPECIAL UNITS ARE NON-RETURNABLE**  
[ ] As drawn [ ] As marked

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

LEAD TIME WILL START UPON RECEIPT OF SIGNED APPROVAL DRAWING

**BEACON INDUSTRIES**

APPROVAL

DRAWN BY: \_\_\_\_\_ DATE: \_\_\_\_\_ SALES: \_\_\_\_\_

REFERENCE: \_\_\_\_\_ SCALE: NTS FILE NAME: \_\_\_\_\_

QUOTED LEAD TIME: \_\_\_\_\_ QUOTE # \_\_\_\_\_

P.O.# \_\_\_\_\_

W.O.# \_\_\_\_\_



# TECHNICAL DATA BULLETIN

Finishes Unlimited, Inc. • P.O. Box 69 • Sugar Grove, Illinois 60554-0069 • (630) 466-4881 • Fax (630) 466-1064

Revision #: 01

Date: 11/20/12

**Product Code:** 72-2010

**Product Name:** Battleship Grey HAPs Free Water Reducible Air/Force Dry Enamel

### Description:

We designed this product line for air dry or force dry applications, which require exterior durability and corrosion resistance. Extensive experience with a variety of applications and exposure areas, as well as Florida exposure testing, prove that this product line meets or exceeds the requirements of most industrial applications for exterior durability. This product line can be formulated for interior use (lightfastness). For galvanized steel, the user should test the 72-line coating over their particular type of galvanized substrate to verify exterior durability.

### Application:

This product must be applied over a properly prepared substrate. This product is designed for spray application with air or airless equipment. For electrostatic systems the paint source must be isolated. Stir before using to disperse solids. Reduce with tap water to the optimum spray viscosity for the specific equipment used. Product should not be applied when temperature of substrate or paint is below 40° Fahrenheit, or when substrate temperature is less than 5° Fahrenheit above dew point. When applied in high humidity, a slow down in dry-time will be experienced. Tack free time is usually 10' – 30', depending on air movement, humidity, and gloss. Thick films, above 2 mils, when applied and cured as one application, dry more slowly and should be avoided.

This product can be force cured in the range of 30 minutes at 150°f. Film is handleable and will continue to cure by oxidation.

<b>Liquid Paint Standards:</b>		<b>Cured Film Properties:</b>	
Gallon Weight (lbs./gallon):	8.87	<b>At 1 mil dry film thickness over Bondrite 1000 Panel</b>	
Weight Solids (+/- 5%):	31%	60° Gloss ASTM D-523	60 – 70
Volume Solids (+/- 5%):	24%	Hardness ASTM D 3363	H – 2H
Viscosity #4 Zahn @ 77°F:	20" – 25"	Adhesion ASTM 3359	5B (100%)
VOC sans water (lbs./gallon):	2.82	Impact Resistance Direct ASTM D 2794	100 in/lbs.
VOC as supplied (lbs./gallon):	1.15	Humidity Resistance ASTM D 4585	500 hours
		Degree of Blistering ASTM D 714	None
		Salt Spray ASTM B 117	250 hours
		Creepage, Method 2	1/32"-1/16"

### Storage – Package Stability – Clean-up:

Because water borne products have a shorter package life than conventional solvent products, a good rotation plan is essential. A six-month shelf life is obtained under normal temperatures. In the event of freezing allow product to thaw out to normal temperature and apply – no sacrifice in quality will be experienced. Clean up of spills is best achieved with a water/aqueous ammonia mixture.

### Fire Hazard:

Seta flash points of Aqualite paints (ASTM D-3278) are above 200° F. Usually they are above the 230-degree limit of the Setaflash Tester. It has been determined that water-borne paint is self-extinguishing under field conditions and does not present a fire hazard. For further information, see Scientific Circular #804 by Factory Mutual Research Co., "Evaluation of Fire Hazard of Water Borne Coatings".

### Safety Considerations:

Refer to the Material Safety Data Sheet for specific safety instructions.

"Technical services, advice and recommendations are rendered free. They are based on technical data which we believe to be reliable and are intended for use by persons having skill and know-how, at their own discretion and risk. We assume no responsibility for results obtained or damages incurred from their use the Buyer in whole or in part."

*"An employee owned company"*





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Revision #: 01

Date: 11/16/12

**Product Code:** 72-1748

**Product Name:** Black HAPs Free Water Reducible Air/Force Dry Enamel

### Description:

We designed this product line for air dry or force dry applications, which require exterior durability and corrosion resistance. Extensive experience with a variety of applications and exposure areas, as well as Florida exposure testing, prove that this product line meets or exceeds the requirements of most industrial applications for exterior durability. This product line can be formulated for interior use (lightfastness). For galvanized steel, the user should test the 72-line coating over their particular type of galvanized substrate to verify exterior durability.

### Application:

This product must be applied over a properly prepared substrate. This product is designed for spray application with air or airless equipment. For electrostatic systems the paint source must be isolated. Stir before using to disperse solids. Reduce with tap water to the optimum spray viscosity for the specific equipment used. Product should not be applied when temperature of substrate or paint is below 40° Fahrenheit, or when substrate temperature is less than 5° Fahrenheit above dew point. When applied in high humidity, a slow down in dry-time will be experienced. Tack free time is usually 10' – 30', depending on air movement, humidity, and gloss. Thick films, above 2 mils, when applied and cured as one application, dry more slowly and should be avoided.

This product can be force cured in the range of 30 minutes at 150°f. Film is handleable and will continue to cure by oxidation.

<b>Liquid Paint Standards:</b>		<b>Cured Film Properties:</b>	
Gallon Weight (lbs./gallon):	8.87 +/- .2	<b>At 1 mil dry film thickness over Bondrite 1000 Panel</b>	
Weight Solids (+/- 5%):	31%	60° Gloss ASTM D-523	25 +/- 5
Volume Solids (+/- 5%):	24%	Hardness ASTM D 3363	H – 2H
Viscosity #4 Zahn @ 77°F:	50" – 60"	Adhesion ASTM 3359	5B (100%)
VOC sans water (lbs./gallon):	2.86	Impact Resistance Direct ASTM D 2794	100 in/lbs.
VOC as supplied (lbs./gallon):	1.20	Humidity Resistance ASTM D 4585	500 hours
		Degree of Blistering ASTM D 714	None
		Salt Spray ASTM B 117	250 hours
		Creepage, Method 2	1/32"-1/16"

### Storage – Package Stability – Clean-up:

Because water borne products have a shorter package life than conventional solvent products, a good rotation plan is essential. A six-month shelf life is obtained under normal temperatures. In the event of freezing allow product to thaw out to normal temperature and apply – no sacrifice in quality will be experienced. Clean up of spills is best achieved with a water/aqueous ammonia mixture.

### Fire Hazard:

Seta flash points of Aqualite paints (ASTM D-3278) are above 200° F. Usually they are above the 230-degree limit of the Setaflash Tester. It has been determined that water-borne paint is self-extinguishing under field conditions and does not present a fire hazard. For further information, see Scientific Circular #804 by Factory Mutual Research Co., "Evaluation of Fire Hazard of Water Borne Coatings".

### Safety Considerations:

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Revision #: 01

Date: 11/16/12

**Product Code:** 72-2635

**Product Name:** Yellow HAPs Free Water Reducible Air/Force Dry Enamel

### Description:

We designed this product line for air dry or force dry applications, which require exterior durability and corrosion resistance. Extensive experience with a variety of applications and exposure areas, as well as Florida exposure testing, prove that this product line meets or exceeds the requirements of most industrial applications for exterior durability. This product line can be formulated for interior use (lightfastness). For galvanized steel, the user should test the 72-line coating over their particular type of galvanized substrate to verify exterior durability.

### Application:

This product must be applied over a properly prepared substrate. This product is designed for spray application with air or airless equipment. For electrostatic systems the paint source must be isolated. Stir before using to disperse solids. Reduce with tap water to the optimum spray viscosity for the specific equipment used. Product should not be applied when temperature of substrate or paint is below 40° Fahrenheit, or when substrate temperature is less than 5° Fahrenheit above dew point. When applied in high humidity, a slow down in dry-time will be experienced. Tack free time is usually 10' – 30', depending on air movement, humidity, and gloss. Thick films, above 2 mils, when applied and cured as one application, dry more slowly and should be avoided.

This product can be force cured in the range of 30 minutes at 150°f. Film is handleable and will continue to cure by oxidation.

<b>Liquid Paint Standards:</b>		<b>Cured Film Properties:</b>	
Gallon Weight (lbs./gallon):	9.27 +/- .2	<b>At 2 mil dry film thickness over Bondrite 1000 Panel</b>	
Weight Solids (+/- 5%):	36%	60° Gloss ASTM D-523	30 - 35
Volume Solids (+/- 5%):	26%	Hardness ASTM D 3363	H – 2H
Viscosity #4 Zahn @ 77°F:	20" – 25"	Adhesion ASTM 3359	5B (100%)
VOC sans water (lbs./gallon):	2.93	Impact Resistance Direct ASTM D 2794	100 in/lbs.
VOC as supplied (lbs./gallon):	1.29	Humidity Resistance ASTM D 4585	500 hours
		Degree of Blistering ASTM D 714	None
		Salt Spray ASTM B 117	250 hours
		Creepage, Method 2	1/32"-1/16"

### Storage – Package Stability – Clean-up:

Because water borne products have a shorter package life than conventional solvent products, a good rotation plan is essential. A six-month shelf life is obtained under normal temperatures. In the event of freezing allow product to thaw out to normal temperature and apply – no sacrifice in quality will be experienced. Clean up of spills is best achieved with a water/aqueous ammonia mixture.

### Fire Hazard:

Seta flash points of Aqualite paints (ASTM D-3278) are above 200° F. Usually they are above the 230-degree limit of the Setaflash Tester. It has been determined that water-borne paint is self-extinguishing under field conditions and does not present a fire hazard. For further information, see Scientific Circular #804 by Factory Mutual Research Co., "Evaluation of Fire Hazard of Water Borne Coatings".

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