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Ontario's Largest
Pneumatic & Hydraulic Tool Distributor

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Pneumatic Hoists

Gardner-Denver®



COOPER PowerTools

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Cooper Power Tools Division has attained ISO 9001 Quality System Certification for seven of our facilities. The driving force behind the implementation of the Quality System is the commitment "to provide our customers with the **best value delivered** by offering only products and services **that meet or exceed their expectations**".



Lexington, South Carolina



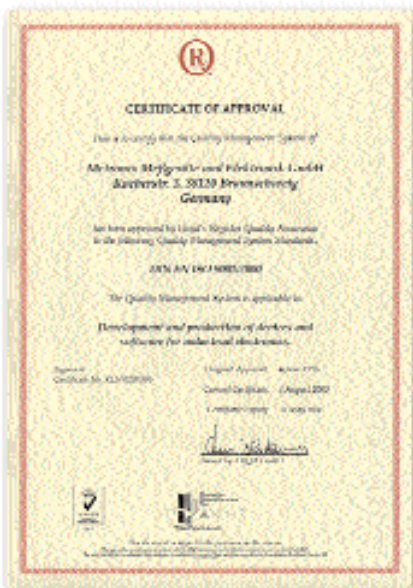
Dayton, Ohio



Hicksville, Ohio



Springfield, Ohio



Braunschweig, Germany



Westhausen, Germany



Ozoir-la-Ferrière, France

MODEL NUMBER	PAGE
7 Series	
75250AC5	9
K1 Series	
K1CA22LPEP010AAA22	43
K1CA33LPEP010AAA33	43
K1CA44LPEP010AAA44	43
K1CA66LPEP010GCA66	43
K1CA88LPEP010GCA88	43
K1HA22LPEP010AAA22	13
K1HA22LREP010AAA22	13
K1HA33LPEP010AAA33	13
K1HA33LREP010AAA33	13
K1HA44LPEP010AAA44	13
K1HA44LREP010AAA44	13
K1HA66LPEP010CCA66	13
K1HA66LREP010CCA66	13
K1HA88LPEP010CCA88	13
K1HA88LREP010CCA88	13
K1TA22LPEP010AAA22	31
K1TA22LREP010AAA22	31
K1TA33LPEP010AAA33	31
K1TA33LREP010AAA33	31
K1TA44LPEP010AAA44	31
K1TA44LREP010AAA44	31
K1TA66LPEP010BCA66	31
K1TA66LREP010BCA66	31
K1TA88LPEP010BCA88	31
K1TA88LREP010BCA88	31
K5 Series	
K5HA05LPEL010AAA05	11
K5HA05LREL010AAA05	11
K5HA05RPER010ACA05	11
K5HA05RRER010ACA05	11
K5HA11LPEL010AAA11	11
K5HA11LREL010AAA11	11
K5HA11RPER010ACA11	11
K5HA11RRER010ACA11	11
K5HA22LPEL010CEA22	11
K5HA22LREL010CEA22	11
K5HA22RPER010CA22	11
K5HA22RRER010CA22	11
K5LA05LPEL010AAA05	23
K5LA05LREL010AAA05	23
K5LA11LPEL010AAA11	23
K5LA11LREL010AAA11	23
K5LA22LPEL010BEA22	23
K5LA22LREL010BEA22	23
K5TA05LPEL010AAA05	29
K5TA05LREL010AAA05	29
K5TA11LPEL010AAA11	29
K5TA11LREL010AAA11	29
K5TA22LPEL010ACA22	29
K5TA22LREL010ACA22	29
P1 Series	
P1HA03LPEL010AAA03	15
P1HA03LREL010AAA03	15
P1HA03RPER010AGA03	15
P1HA03RRER010AGA03	15
P1HA04RPER010CCA05	15
P1HA04RRER010CCA05	15
P1HA05LPEL010AAA05	15
P1HA05LREL010AAA05	15
P1HA05RPER010AGA05	15
P1HA05RRER010AGA05	15
P1HA09RPER010CCA10	15
P1HA09RRER010CCA10	15
P1HA10LPEL010AAA10	15
P1HA10LREL010AAA10	15
P1HA10RPER010AGA10	15
P1HA10RRER010AGA10	15
P1HA20LPEL010EHA20	15
P1HA20LREL010EHA20	15
P1LA03LPEL010AAA03	25
P1LA03LREL010AAA03	25
P1LA05LPEL010AAA05	25

MODEL NUMBER	PAGE
P1LA05LREL010AAA05	25
P1LA10LPEL010AAA10	25
P1LA10LREL010AAA10	25
P1LA20LPEL010BHA20	25
P1LA20LREL010BHA20	25
P1TA03LPEL010AAA03	33
P1TA03LREL010AAA03	33
P1TA05LPEL010AAA05	33
P1TA05LREL010AAA05	33
P1TA10LPEL010AAA10	33
P1TA10LREL010AAA10	33
P1HA04RREN010CCA05	15
P1HA09RREN010CCA10	15
P1HA09RRER010CCA10	15
P1LA03LPEL010AAA03	25
P1LA03LREL010AAA03	25
P1LA05LPEL010AAA05	25
P1LA05LREL010AAA05	25
P1LA10LPEL010AAA10	25
P1LA10LREL010AAA10	25
P1LA20LPEL010BHA20	25
P1LA20LREL010BHA20	25
P1TA03LPEL010AAA03	33
P1TA03LREL010AAA03	33
P1TA05LPEL010AAA05	33
P1TA05LREL010AAA05	33
P1TA10LPEL010AAA10	33
P1TA10LREL010AAA10	33
P2 Series	
P2CA11LPEL010AAA11	45
P2CA15LPEQ010CCA15	45
P2CA22LPEL010AAA22	45
P2CA30LPEQ010CEA30	45
P2CA44LPEL010AGA44	45
P2HA10LPEQ010CCA10	17
P2HA10LREQ010CCA10	17
P2HA11LPEL010AAA11	17
P2HA11LREL010AAA11	17
P2HA11RPER010AKA11	17
P2HA11RRER010AKA11	17
P2HA15LPEQ010CCA15	17
P2HA15LREQ010CCA15	17
P2HA22LPEL010AAA22	17
P2HA22LREL010AAA22	17
P2HA22RPER010AKA22	17
P2HA22RRER010AKA22	17
P2HA30LPEQ010EEA30	17
P2HA30LREQ010EEA30	17
P2HA44LPEL010GGA44	17
P2HA44LREL010GGA44	17
P2HA44RPER010GIA44	17
P2HA44RRER010GIA44	17
P2TA10LPEQ010BCA10	35
P2TA10LREQ010BCA10	35
P2TA11LPEL010AAA11	35
P2TA11LREL010AAA11	35
P2TA15LPEQ010BCA15	35
P2TA15LREQ010BCA15	35
P2TA22LPEL010AAA22	35
P2TA22LREL010AAA22	35
P2TA30LPEQ010CEA30	35
P2TA30LREQ010CEA30	35
P2TA44LPEL010DGA44	35
P2TA44LREL010DGA44	35
P3 Series	
P3CA22LPEP010AAA22	47
P3CA43LPEP010AAA43	47
P3CA80LPEP010ACA80	47
P3HA22LPEP010AAA22	19
P3HA43LPEP010AAA43	19
P3HA80LPEP010CCA80	19
P3NA22LPEP010AAA22	49
P3NA43LPEP010AAA43	49
P3TA22LPEP010AAA22	37
P3TA43LPEP010AAA43	37
P3TA80LPEP010BCA80	37

MODEL NUMBER	PAGE
HOISTRATORS	
TATA04NDESCAXA	40
TATA04NDESDAXA	40
TATA04NDESEAXA	40
TATA04NDESEBAXA	40
TATA04NDESFAXA	40
TATA04NDESFHAXA	40
TATA04NDESHAXA	40
TATA04NDESKAXA	40
TATA04NPESXAXA	40
TATA04NPESXBAXA	40
TATA04OAEGBXAXA	40
TATA04OEEGCAXA	40
TATA04OEEGDAXA	40
TATA04OEEGEAXA	40
TATA04OEEGFAXA	40
TATA04OEEGHAXA	40
TATA04OEEGKAXA	40
TATA04PBEPXAXA	40
TATA04PFEPDAXA	40
TATA04PFEPAXA	40
TATA04PFEPFAXA	40
TATA04PFEPHAXA	40
TATA04PFEPKAXA	40
TATA12NDESCAXA	40
TATA12NDESDAXA	40
TATA12NDESEAXA	40
TATA12NDESEBAXA	40
TATA12NDESFAXA	40
TATA12NDESFHAXA	40
TATA12NDESHAXA	40
TATA12NDESKAXA	40
TATA12NPESXAXA	40
TATA12NPESXBAXA	40
TATA12OAEGBXAXA	40
TATA12OEEGCAXA	40
TATA12OEEGDAXA	40
TATA12OEEGEAXA	40
TATA12OEEGFAXA	40
TATA12OEEGHAXA	40
TATA12OEEGKAXA	40
TATA12PBEPXAXA	40
TATA12PFEPDAXA	40
TATA12PFEPAXA	40
TATA12PFEPFAXA	40
TATA12PFEPHAXA	40
TATA12PFEPKAXA	40
TATA24NDESCAXA	40
TATA24NDESDAXA	40
TATA24NDESEAXA	40
TATA24NDESEBAXA	40
TATA24NDESFAXA	40
TATA24NDESFHAXA	40
TATA24NDESHAXA	40
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TATA24OEEGEAXA	40
TATA24OEEGFAXA	40
TATA24OEEGHAXA	40
TATA24OEEGKAXA	40
TATA24PBEPXAXA	40
TATA24PFEPDAXA	40
TATA24PFEPAXA	40
TATA24PFEPFAXA	40
TATA24PFEPHAXA	40
TATA24PFEPKAXA	40

Warranty

Cooper warrants products and parts sold by it, insofar as they are of its own manufacture, against defects of material and workmanship, under normal use and service in accordance with its written instructions, recommendations, and ratings for installation, operation, maintenance, and service of products, for a period of **ONE YEAR FROM THE DATE OF INITIAL USE, BUT IN NO EVENT SHALL THE WARRANTY EXCEED 24 MONTHS FROM DATE OF DELIVERY TO DISTRIBUTOR.** Proof of Purchase with shipment date must be furnished by the user to validate the warranty. This warranty applies only to products manufactured by Cooper and specifically excludes products manufactured by others. Products not manufactured by Cooper are warranted only to the extent and in the manner warranted to Cooper by the manufacturer

Lubrication Products

Cooper Power Tools' products are classified as non-hazardous manufactured items, defined in the OSHA 1910.1200 Hazard Communication Standard as "Articles". These products, under conditions of normal use, do not release or cause exposure to a hazardous chemical.

Under normal conditions of use, lubrication products sold separately for or used within these tools should not cause an exposure hazard. Refer to the Material Safety Data Sheet (M.S.D.S.) for Safety and Disposal Information. M.S.D.S. sheets are available upon request from Cooper Power Tools.

Cooper is also aware of, and complies with, the provisions of section 611 amendments to the Clean

and then only to the extent Cooper is able to enforce such warranty. Cooper's warranty with respect to products manufactured by it is limited to the repair or replacement, as Cooper may elect, of any defective part regarding which the Distributor has given 5 days written notice from the discovery of such defect. Installation and transportation costs are not included. Cooper shall have the option of requiring the return to it of the defective material, transportation prepaid, for inspection. No allowance will be made for repairs without Cooper's approval. **COOPER MAKES NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, AND HEREBY DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

Air Act of 1990. No ozone depleting chemicals have been used in the manufacture of our products.

If you resell or distribute these products, you have the responsibility for ensuring that the Material Safety Data Sheets are provided to the purchaser.

Proper lubrication is essential to the economical operation of pneumatic and electric tools. Cooper Power Tools perform better and their life is extended by using the recommended lubricants. All lubricants that are listed in the accessory section of this catalog have undergone extensive testing and are recommended for use with Cooper Power Tools products.

Hoist Introduction

Tools of the highest quality

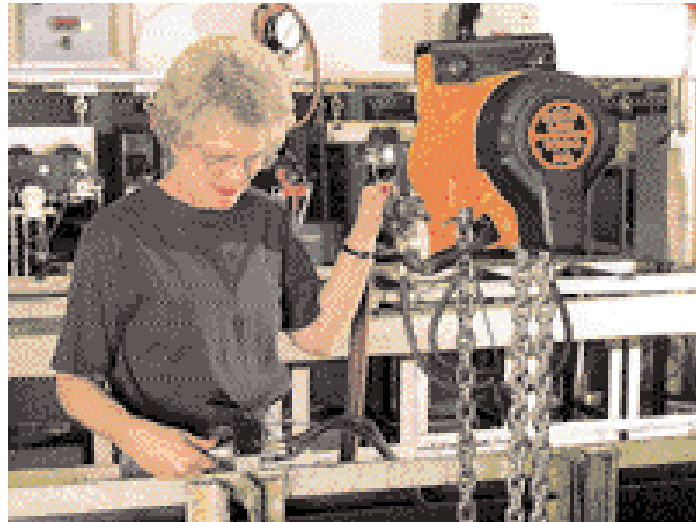
Gardner-Denver hoists are engineered to provide high productivity for virtually limitless applications. Each and every hoist is rigorously tested before it is shipped, plus the manufacturing processes of Cooper Power Tools are ISO 9001 certified, so you can be sure that every Gardner-Denver hoist is manufactured to the highest standards.

Hoists that are flexible

The wide range of hoists that are available from Gardner-Denver means that every application requirement can be suited. Because of the limitless combinations of power, speed, weight, size, mounting, and materials – your hoist becomes as flexible in its application solutions as you need it to be.

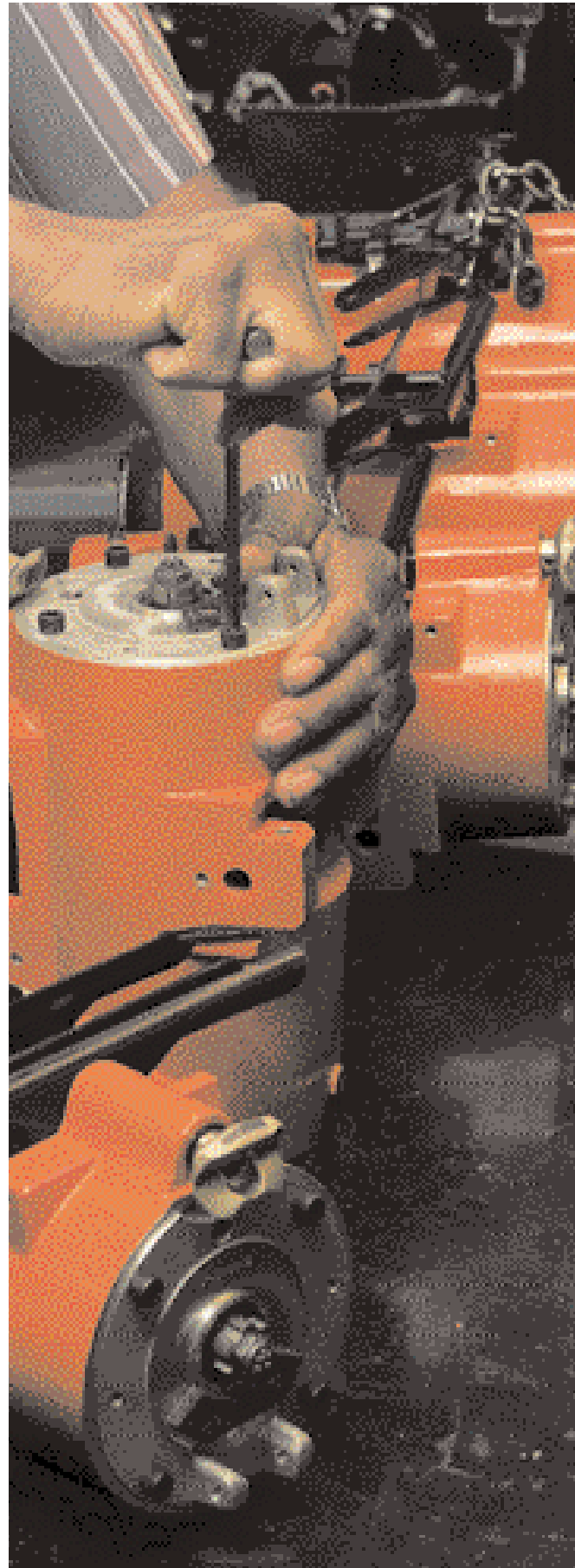
Hoists of superior design

All our hoists are engineered to very high tolerances to ensure smooth running and long life. The option of the axial piston motor (made only by Gardner-Denver) offers an extra standard of performance. Using less air than a rotary vane motor, the axial piston design adds high torque and smooth operation to a hoist that is powerful, relatively small, compact, economical and quiet. Another example of high quality engineering from Gardner-Denver, designed to improve your efficiency.



Advantages of air hoists....

When compared to electric hoists, Gardner-Denver air hoists offer many advantages in speed, weight, simplicity, spark resistance, and their ability to operate in adverse conditions.



Hoist Introduction



The speed of an air hoist is continually variable, allowing greater application flexibility. The weight can be 40% to 50% less, offering easier installation and greater portability, and because of design simplicity, air hoists do not require skilled repair technicians.

Air hoists do not create an electrical arc, are inherently spark-resistant, and do not pose a risk of electric shock if the operator is standing in water, or if the control cord is damaged. In addition, they have a

much greater resistance to weather, dampness, dirt, dust, steam and corrosive fumes, and have a longer duty cycle, higher temperature tolerance, and do not require costly surge protectors in the event of a brownout.

Together with these advantages, the Gardner-Denver Air Hoist is a very well engineered unit designed and tested to provide long, trouble-free operation.

Spark resistant and clean room hoists

Gardner-Denver spark resistant hoists featuring stainless steel chain and bronze upper and lower hooks, and trolleys featuring rubber bumpers and bronze wheels, are ideal for use in paint booths, grain elevators, munitions factories, and chemical tanks. With the addition of edible grease and a piped exhaust adapter, they can be used in clean room applications such as food processing, pharmaceuticals and textile environments.



Fueled by endless numbers of varying applications, and the desire to provide greater flexibility, Gardner-Denver offers an extensive list of hoist options, and accessories. As you begin to define the hoist configuration which best suits your unique application, utilize the criteria outlined here to obtain the optimum operator/hoist/task relationship.

Mounting Options



Hook Mount

Although requiring more headroom than lug mounts, the flexibility of hook mounted hoists make them the more popular choice. Easier to hang and relocate, hook mounted hoists rotate at both the upper and lower hooks, allowing the operator greater flexibility when manipulating a load into a desired position or angle. In addition, many hook mounted hoists offer the option of link or roller chain, and when hung from the appropriate Gardner-Denver trolley, allow horizontal movement of the load.

Lug Mount

The compact, low headroom design of lug mounted hoists make them ideal for applications where space is at a premium. This semi-permanent mount provides the greatest benefits in tight working situations where the non-rotating, non-swinging lug allows precise placement of the load. Lug mounted hoists are available with link chain only, to allow side movement of the load, and can be mounted on the appropriate Gardner-Denver trolley for horizontal movement of the load.



Trolley Mount

For semi-permanent applications requiring horizontal load movement, trolley mounted hoists provide the greatest benefits. This compact, non-rotating configuration holds the load in constant alignment, as ball bearing constructed wheels provide smooth movement along the beam. Gardner-Denver trolleys adapt to many "I" beam sizes and are offered in link chain only, to allow side movement of the load.

Motor Options

Rotary Vane

The industry standard in air hoists, rotary vane motors provide an economical, easy to maintain solution for the majority of fast, rugged applications. The Gardner-Denver 7, K5, and K1 series of easy to operate hoists incorporate rotary vane motors which can be removed without disturbing brakes, valving, or gearing, while highly reliable spring loaded vanes insure immediate response start after start.

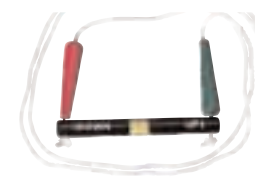


Axial Piston (manufactured exclusively by Gardner-Denver)

For applications where precise load control is essential, Gardner-Denver offers the P1, P2, and P3 series of axial piston hoists. These motors operate using multiple air driven pistons providing axial force; this force is converted to rotary motion through the use of a socket plate and driveshaft assembly, all within a small, compact package. Axial piston motors provide several advantages including precise load control, quiet operation, low air consumption, and greater resistance to adverse air conditions.



Control Options



Rope

Rope control provides a simple, direct link to the hoist control valve, allowing the operator to "feather" the operation of the hoist, making starts and stops more accurate and predictable. Because there are no moving parts, rope controls require minimum maintenance and are economical to replace.

Pendant

Gardner-Denver hoist control pendants provide a versatile, one-handed method of hoist control. With varying length options, the operator can safely control both lifting and lowering of the hoist as well as horizontal movement of a hoistactor, from 5 to 25 ft away. With the required cable assembly, the pendant control provides a means for pulling a trolley, and the ergonomic handle design provides operator comfort while preventing accidental operation.



Chain Options

Link

Link chain, with its relatively low cost, is available on all hoist models, and is practical for use in a wide variety of applications. Its capacity for rotation allows the operator to rotate the load slightly to assist with precise placement. For applications requiring rust and spark resistance, Gardner-Denver offers zinc plated chain on all models of hoists, and stainless steel chain on hoists with capacities up to 3000 lbs.



Roller

For smoother operation and extended life, Gardner-Denver offers roller chain on the K5, P1, and P2 series of hook mounted hoists. In addition, roller chain manufactured with stainless steel is available for applications requiring spark resistant or clean room operation.

Single or Double Reeved

Single Reeved

When speed is of more importance than capacity, the single reeved hoist is the best choice. Through the direct connection of the lower hook to the chain, and then to the hoist, all available drive speed is transferred to the load.



Double Reeved

For extra lifting capacity, the double reeved configuration increases the amount of weight the motor can lift. By routing the chain around a sprocket on the lower hook before connecting it to the hoist drive, lifting capacity is doubled. In turn, the speed of the lift is reduced by half. For heavy and sensitive loads, this slower action could be preferable.



General Hoist Selection

Hoist Mounting (page 6):

- Hook (pages 8-19)
- Lug (pages 21-25)
- Trolley (pages 27-37)
- Hoistactor (pages 40-41)
- Hoist/Hoistactor Combination Units (pages 42-49)

Hoist Motor Type (page 6):

- Rotary Vane
- Axial Piston

Capacity Requirement (see appropriate hoist page):

Control Type (page 6):

- Rope: Standard 5 feet _____ Specify optional length
- Pendant: Standard 5 feet _____ Specify optional length

Chain Type (page 6):

- Link
- Roller
- Spark Resistant

Lift (see appropriate Hoist page):

- Standard 10 feet _____ Specify optional length _____ Lifting speed

Hook Type: (optional hooks, page 54)

- Upper: Standard Bullard
- Lower: Standard Bullard

Trolley Mounted Hoists, Hoistactors & Combination Units

Beam Specifications (page 50):

- _____ Width _____ Height

Wheel Type:

- Trolley (pages 20 & 26): Tapered (Standard) Flat Narrow Flat*
- Hoistactor (page 40): Tapered (Standard) Flat Narrow Flat*
- Hoist/Hoistactor Comb. Unit (pages 42-49): Tapered (Standard) Flat Narrow Flat*

*NOTE: Suitable for American Std., American Monorail, Cleveland Tramrail, Spanmaster, Whiting, and Loudon patented "I" beams

Hoistactor Engagement (Page 40):

- Spring (Standard)
- Free Wheel to Positive Drive
- Positive Drive to Free Wheel

Hoistactor Engaging Wheel Type (Page 40):

- Neoprene (Standard)
- Adiprene

Extra Equipment

- Chain Container (Pg. 52-53)
- Auxiliary Cable (Pg. 55)
- Hose Trolley (Pg. 55)
- Piped Exhaust Adapter
- Flow Control Valve (Pg. 55)

Gardner-Denver hook mounted hoists are designed to provide the ultimate in high strength and flexibility. Hook mounted hoists can quickly be hung from virtually any structure including trolleys, and their portability make them ideal for maintenance applications or on construction sites. Ball bearing constructed upper and lower hooks allow full 360° rotation of the hoist and load for precision load placement, while optional roller chain, available exclusively on hook mounted hoists, provides longer chain life and smoother lifting and lowering motion. With load lifting capacities ranging from 275 to 8800 lbs., choice of rotary vane or axial piston configurations, and many spark resistant options, matching one of these industrial grade hoists to your shop or clean room application will not be a problem.

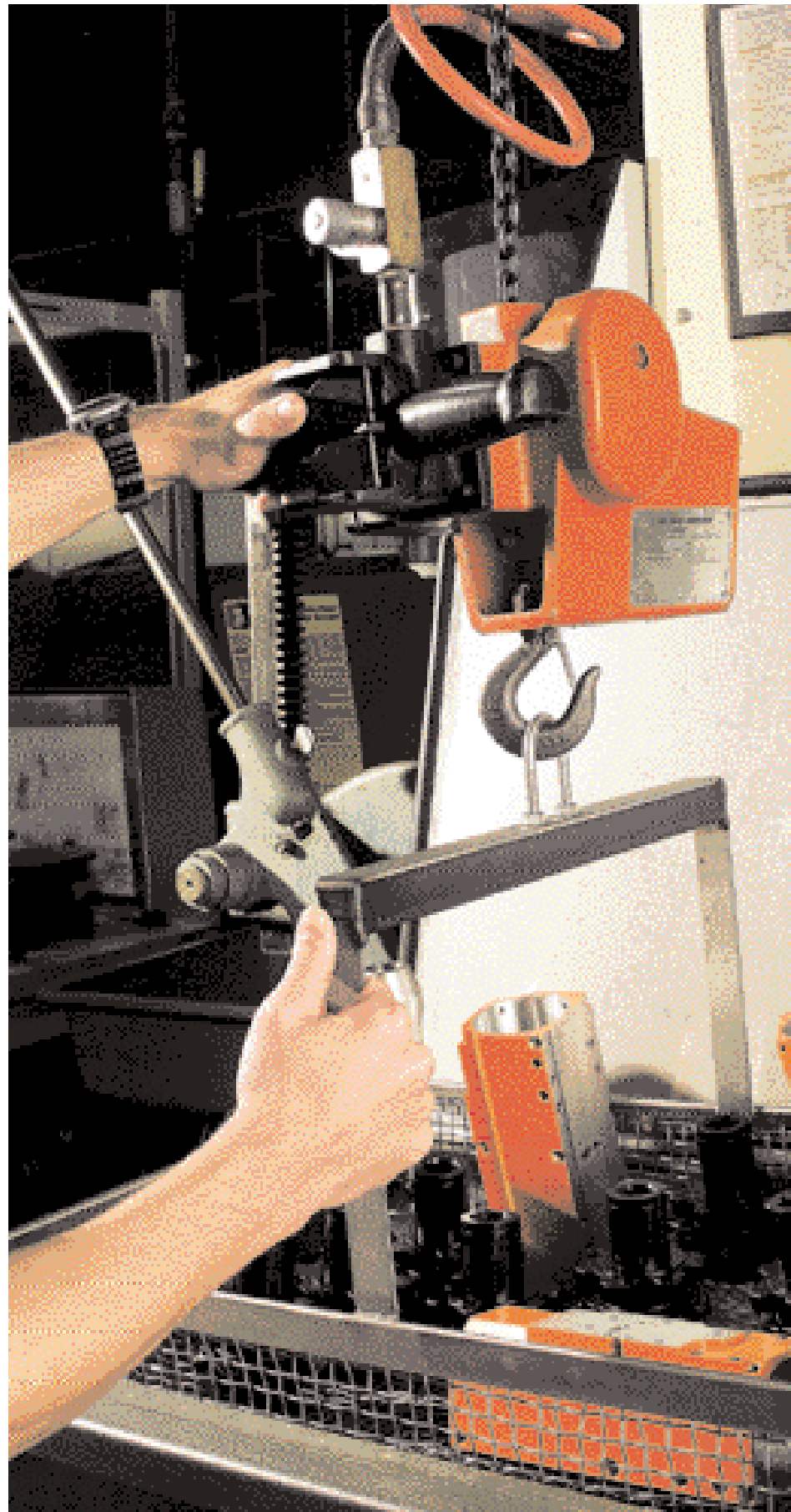
Rotary Vane Hoists

7 Series 9
 K5 Series 10-11
 K1 Series 12-13

Axial Piston Hoists

P1 Series 14-15
 P2 Series 16-17
 P3 Series 18-19

Trolleys for hook mounted hoists 20



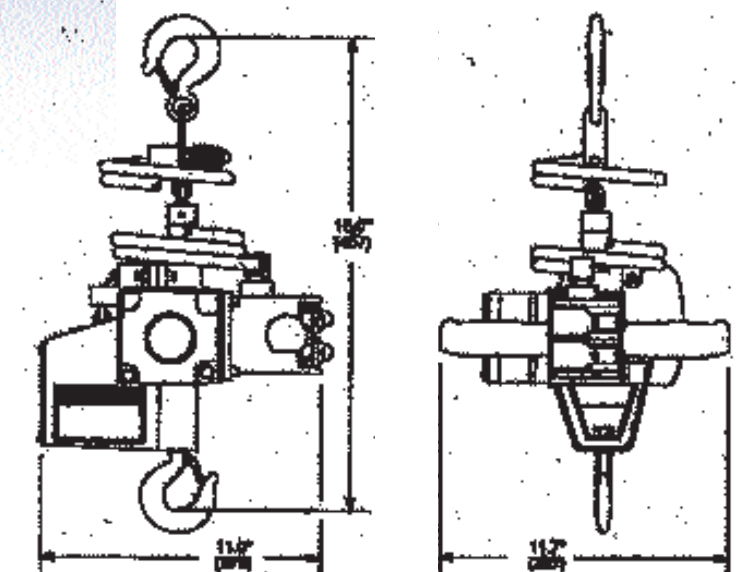
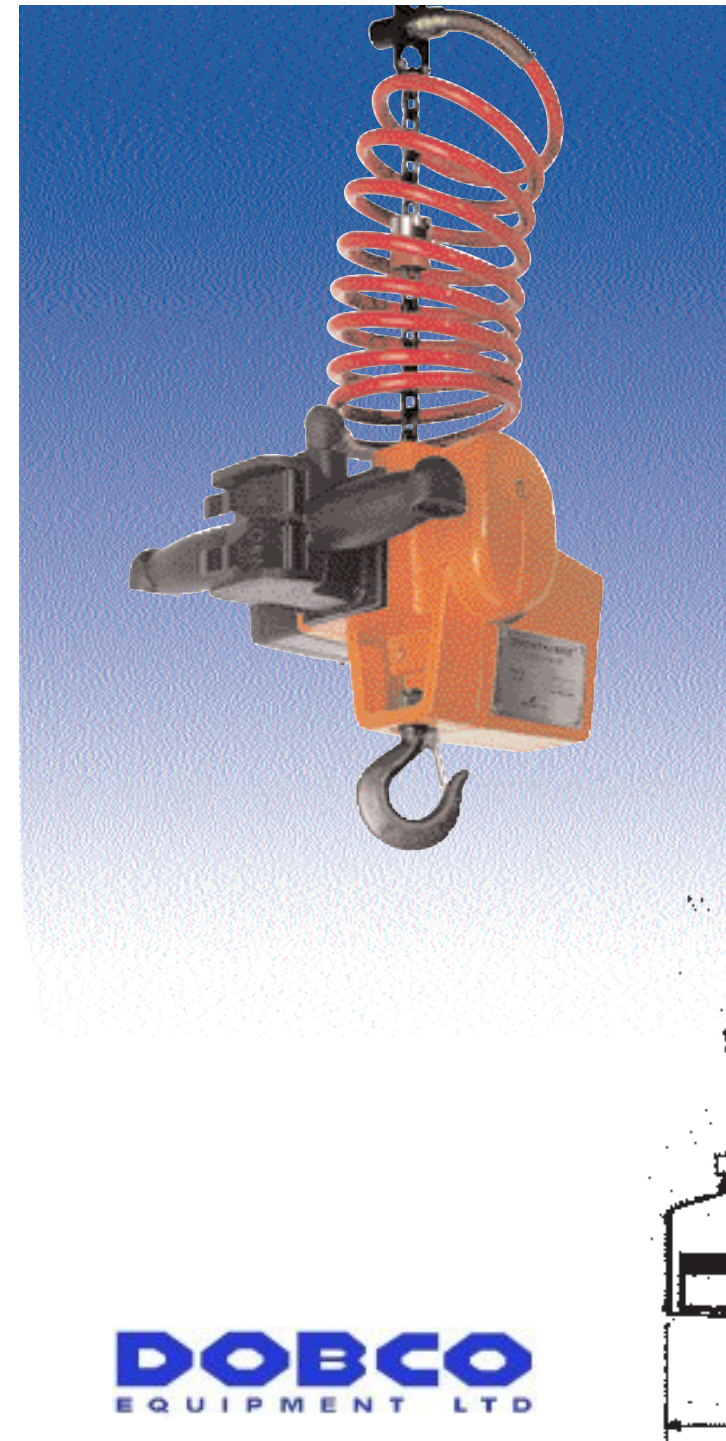
GARDNER-DENVER®

7 Series

Capacity:
 275 lbs.
 125 kg

- **Compact, Lightweight Design** makes the 7 series the ideal portable, plug-n-go hoists.
- **Self-Cooling, Self-Adjusting Disc Brake** provides smooth stops and starts through 8 ft. of lift.
- **Conveniently Positioned Thumb Controls** allow right or left hand operation.

The smooth running Gardner-Denver 7 series hoists feature a built in chain container and load capacity up to 275 lbs., making this lightweight (only 24 lbs), compact hoist the perfect solution for an endless number of light duty, low lift height applications. Often found on loading docks, in shipping or receiving areas, or mounted above parts washers or tooling fixtures, this simple to use, portable hoist provides an economical solution for increasing worker productivity.



Model Number	Chain Type	Capacity		Lifting & Lowering Speeds				Lift Distance		Weight	
				Maximum Lift		Maximum Lower		ft	m	lbs.	kg
Unit Mounted Control		lbs.	kg	fpm	mpm	fpm	mpm				
75250AC5	LINK	275	125	38	12	60	18	8.0	2.4	24	11

GENERAL:
 Air Inlet: 3/8" NPT (use 1/2" I.D. Hose)
 Performance rated at 90 psig (6 bar/620 kPa).
 Air Consumption 40 cfm (1.13m³/min.) at rated load.

STANDARD EQUIPMENT:
 Hook mounted air hoist with built-in chain container

EXTRA EQUIPMENT:
 Trolley – page 20
 Air strainer intake fitting – A9P1450

GARDNER-DENVER®

K5 Series

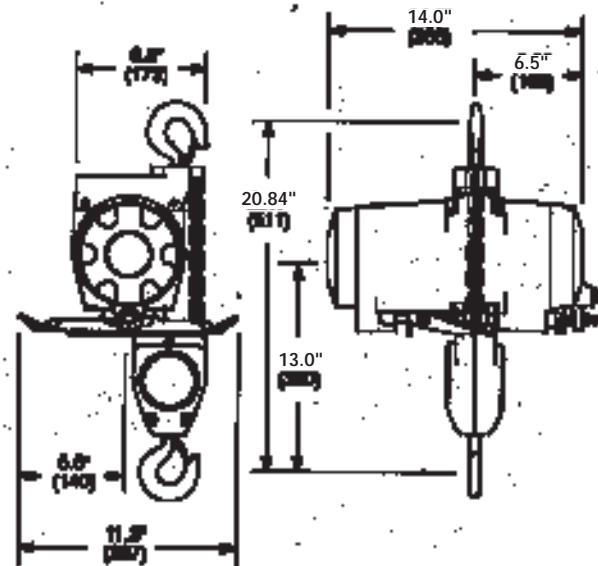
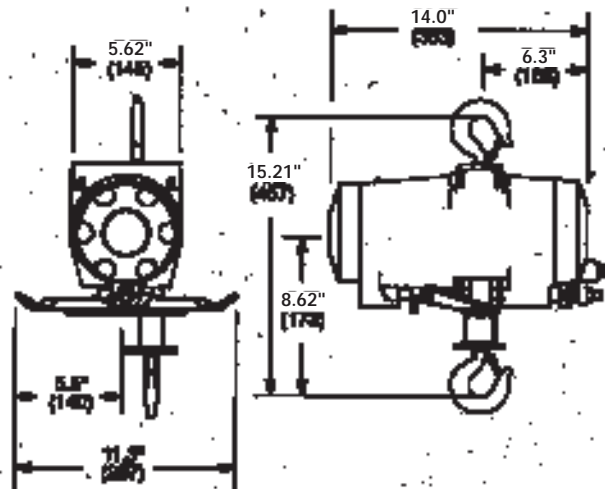
Capacity:
550-2200 lbs.
250-1000 kg

- Rotary Vane Air Motor
- Rope or Pendant Control
- Link or Roller Chain



Single Reeved
550 lbs. (250 kg) & 1100 lbs. (500 kg) Capacity

Double Reeved
2200 lbs. (1000 kg) Capacity



K5 H A 05 L P E L --- A A A 05											
SERIES K5										CAPACITY RATING	
TYPE MOUNT H = Hook										05 = 550 lbs. (05) 06 = 550 lbs. (22) 11 = 1100 lbs. (11) 12 = 1100 lbs. (22) 22 = 2200 lbs. (22)	
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease										VINTAGE A	
CAPACITY 05 = 550 lbs. 11 = 1100 lbs. 22 = 2200 lbs.										LOWER HOOK A = Standard Link (05/11) B = Bullard Link (05/11) C = Standard Roller (05/11) D = Bullard Roller (05/11) E = Standard Link (22) F = Bullard Link (22) G = Standard Roller (22) H = Bullard Roller (22) X = No Hook	
CHAIN TYPE L = Link R = Roller										UPPER HOOK A = Standard (05/11) B = Bullard (05/11) C = Standard (22) D = Bullard (22) X = No Hook	
CONTROL TYPE P = Pendant (Standard-2LVR) R = Rope W = None-Pendent Ready X = None										AMOUNT OF LIFT --- Specify Length in Feet, 3 digits Example: 10' lift 010	
CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = None											
CHAIN OPTIONS L = Standard Link P = Zinc Plated Link R = Standard Roller X = No Chain											



Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.

Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	Lifting		Lowering			lbs.	kg
K5HA05LPEL010AAA05	K5HA05LREL010AAA05	Link	550	250	40-67	12-20	110-147	33-44	1	42	19
K5HA05RPER010ACA05	K5HA05RRER010ACA05	Roller	550	250	40-67	12-20	110-147	33-44	1	42	19
K5HA11LPEL010AAA11	K5HA11LREL010AAA11	Link	1100	500	20-50	6-15	80-120	24-36	1	42	19
K5HA11RPER010ACA11	K5HA11RRER010ACA11	Roller	1100	500	20-50	6-15	80-120	24-36	1	42	19
K5HA22LPEL010CEA22	K5HA22LREL010CEA22	Link	2200	1000	10-25	3-7	40-60	12-18	2	54	25
K5HA22RPER010CGA22	K5HA22RRER010CGA22	Roller	2200	1000	10-25	3-7	40-60	12-18	2	54	25

GENERAL:
Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
Performance rated at 90 psig (6.2 bar/620 kPa) air pressure.
Air Consumption 75 cfm (2.12m³/min.) at rated load.

STANDARD EQUIPMENT:
Hook mounted air hoist with 10 ft. (3.0m) lift
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – page 52-53
Hoist trolleys – page 20
Auxiliary cable (Backup suspension) – page 55
Air strainer intake fitting – A10161
Piped exhaust adapter (3/4"NPT) – 536567

GARDNER-DENVER®

K1 Series

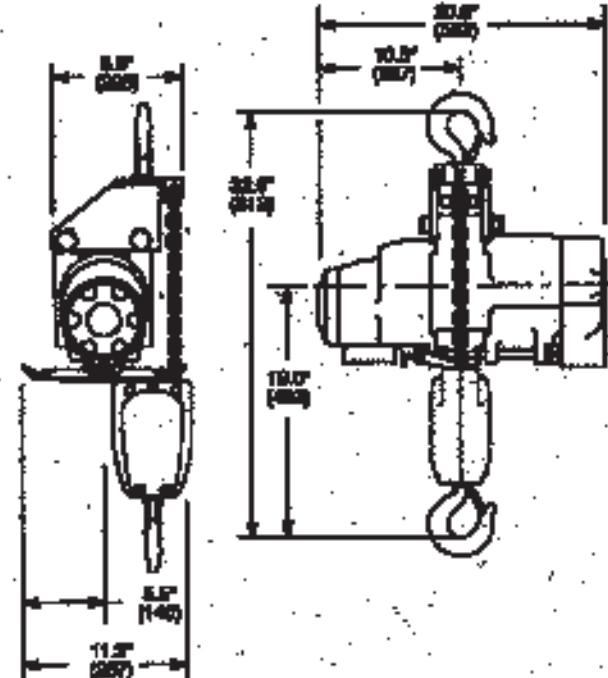
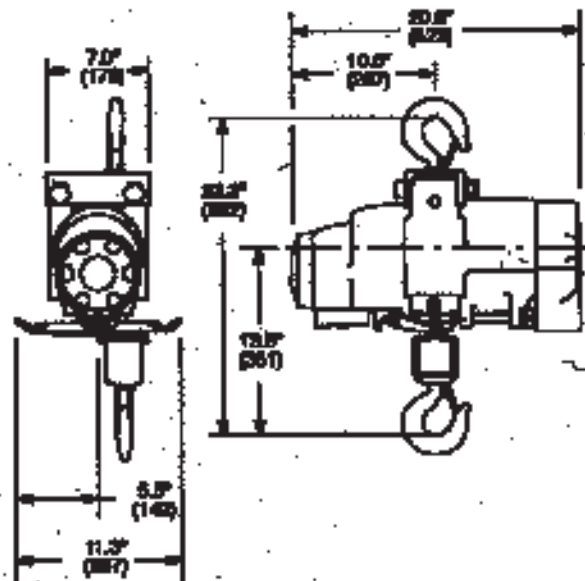
Capacity:
2200-8800 lbs.
1000-4000 kg

- Rotary Vane Air Motor
- Rope or Pendant Control
- Link Chain



Single Reeved
2200 lbs. (1000 kg), 3300 lbs. (1500 kg) &
4400 lbs. (2000 kg) Capacity

Double Reeved
6600 lbs. (3000 kg) & 8800 lbs. (4000 kg) Capacity



K1 H A 22 L P E P --- A A A 22

SERIES K1											CAPACITY RATING 11 = 1100 lbs. (11/22/33/44) 22 = 2200 lbs. (22/33/44) 33 = 3300 lbs. (33/44) 34 = 3300 lbs. (66) 44 = 4400 lbs. (44) 45 = 4400 lbs. (66/88) 66 = 6600 lbs. (66) 88 = 8800 lbs. (88)
TYPE MOUNT H = Hook											VINTAGE A
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease											LOWER HOOK A = Standard Link (22/33/44) B = Bullard Link (22/33/44) C = Standard Link (66/88) D = Bullard Link (66/88) X = No Hook
CAPACITY 22 = 2200 lbs. 66 = 6600 lbs. 33 = 3300 lbs. 88 = 8800 lbs. 44 = 4400 lbs.											UPPER HOOK A = Standard (22/33/44) B = Bullard (22/33/44) C = Standard (66/88) D = Bullard (66/88) X = No Hook
CHAIN TYPE L = Link											AMOUNT OF LIFT --- Specify Length in Feet, 3 digits Example: 10' lift 010
CONTROL TYPE P = Pendant (Standard-2LVR) R = Rope W = None-Pendent Ready X = None											
CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = None											
CHAIN OPTIONS L = Standard Link P = Zinc Plated Link X = No Chain											

Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.



Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	Maximum Lift	Maximum Lower	fpm	mpm		lbs.	kg
K1HA22LPEP010AAA22	K1HA22LREP010AAA22	Link	2200	1000	33	10	52	16	1	107	49
K1HA33LPEP010AAA33	K1HA33LREP010AAA33	Link	3300	1500	21	6	34	10	1	107	49
K1HA44LPEP010AAA44	K1HA44LREP010AAA44	Link	4400	2000	15	5	24	7	1	107	49
K1HA66LPEP010CCA66	K1HA66LREP010CCA66	Link	6600	3000	10	3	17	5	2	130	59
K1HA88LPEP010CCA88	K1HA88LREP010CCA88	Link	8800	4000	7	2	12	4	2	130	59

GENERAL:
Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 75 cfm (2.12m³/min.) at rated load.

STANDARD EQUIPMENT:
Hook mounted air hoist with 10 ft. (3.0m) lift
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – page 53
Hoist trolleys – page 20
Auxiliary cable (Backup suspension) – page 55
Piped exhaust adapter (3/4"NPT) – 536567
Tractor connection kit – 516710

GARDNER-DENVER®

P1 Series

Capacity:
300-2000 lbs.
136-907 kg

- Axial Piston Air Motor
- Rope or Pendant Control
- Link or Roller Chain

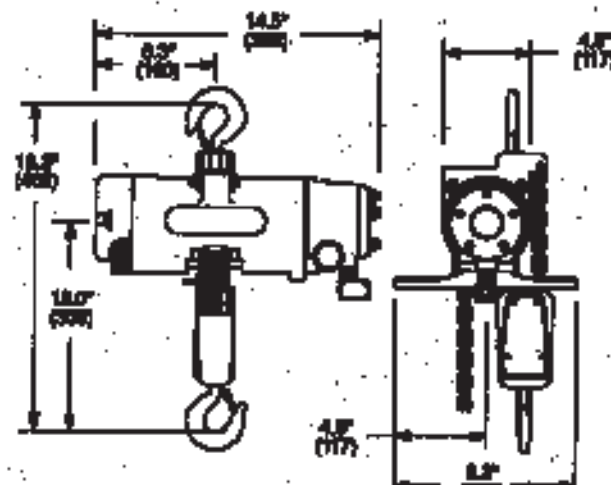
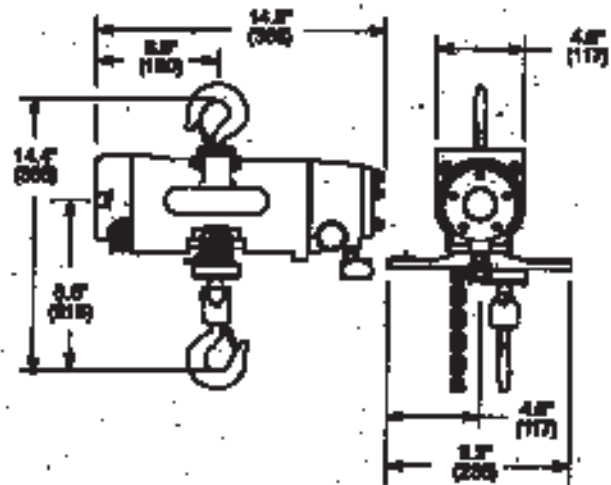


P1 H A 03 L P E L --- A A A 03

SERIES P1											CAPACITY RATING 03 = 300 lbs. (03/04/05/09/10) 05 = 500 lbs. (04/05/09/10) 10 = 1000 lbs. (09/10) 11 = 1000 lbs. (20) 15 = 1500 lbs. (20) 20 = 2000 lbs. (20)
TYPE MOUNT H = Hook											VINTAGE A
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease											LOWER HOOK A = Standard (03/05/10) B = Bullard (03/05/10) C = S.R. Standard Roller (04/09) D = S.R. Bullard Roller (04/09) E = Standard Roller w/mod. lift (03/05/10) F = Bullard Roller w/10ft. lift (03/05/10) G = Standard Roller w/10ft. lift (03/05/10) H = Standard Link (20) I = Bullard Link (20) P = Bullard Roller w/mod. lift (03/05/10) X = No Lower Hook
CAPACITY 03 = 300 lbs. 09 = *1000 lbs. 04 = *500 lbs. 10 = 1000 lbs. 05 = 500 lbs. 20 = 2000 lbs. *Spark Resistant											UPPER HOOK A = Standard (03/05/10) B = Bullard (03/05/10) C = S.R. Standard (04/09) D = S.R. Bullard (04/09) E = Standard (20) F = Bullard (20) X = No Upper Hook
CHAIN TYPE L = Link R = Roller											AMOUNT OF LIFT --- Specify Length in Feet, 3 digits Example: 10' lift 010
CONTROL TYPE P = Pendant (Standard-2LVR) R = Rope T = No Control Type (Rope Ready) W = None-Pendent Ready											Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.
CONTROL LENGTH J = 10 FT Y = 25 FT O = 15 FT Z = No Control Length T = 20 FT											DOBCO EQUIPMENT LTD
CHAIN OPTIONS L = Standard Link N = Spark Resistant Roller P = Zinc Plated Link R = Standard Roller											X = No Chain

Single Reeved
300 lbs. (136 kg), 500 lbs. (227 kg) &
1000 lbs. (454 kg) Capacity

Double Reeved
2000 lbs. (907 kg) Capacity



Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	Lifting		Lowering			lbs.	kg
						fpm	mpm	fpm	mpm		
P1HA03LPEL010AAA03	P1HA03LREL010AAA03	Link	300	136	80	24	88	27	1	28	13
P1HA03RPER010AGA03	P1HA03RRER010AGA03	Roller	300	136	80	24	88	27	1	28	13
P1HA05LPEL010AAA05	P1HA05LREL010AAA05	Link	500	227	47	14	115	35	1	28	13
P1HA05RPER010AGA05	P1HA05RRER010AGA05	Roller	500	227	47	14	115	35	1	28	13
P1HA10LPEL010AAA10	P1HA10LREL010AAA10	Link	1000	454	19	6	49	15	1	28	13
P1HA10RPEP010AGA10	P1HA10RRER010AGA10	Roller	1000	454	19	6	49	15	1	28	13
P1HA20LPEL010EHA20	P1HA20LREL010EHA20	Link	2000	907	9.5	3	24	7	2	31	14
Spark Resistant Units											
P1HA04RPER010CCA05	P1HA04RREN010CCA05	Roller	500	227	47	14	115	35	1	28	13
P1HA09RPER010CCA10	P1HA09RREN010CCA10	Roller	1000	454	19	6	49	15	2	28	13

GENERAL:
Air Inlet: 3/8" NPT (use 1/2" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 25 cfm (.71 m³/min.) at rated load.

STANDARD EQUIPMENT:
Hook mounted air hoist with 10 ft. (3.0m) lift
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – pages 52-53
Hoist trolleys – page 20
Auxiliary cable (Backup suspension) – page 55
Piped exhaust adapter (1/2"NPT) – 500344

GARDNER-DENVER®

P2 Series

Capacity:
1100-4400 lbs.
500-2000 kg

- Axial Piston Air Motor
- Rope or Pendent Control
- Link or Roller Chain



P2 H A 11 L P E L _ _ _ A A A 11

SERIES

P2

TYPE MOUNT

H = Hook

FEATURES

- A = Standard Unit
- E = Edible grease
- H = Hi Temp Grease
- P = Epoxy Paint
- R = Epoxy Paint/Edible Grease
- S = Epoxy Paint/Hi Temp Grease

CAPACITY

- 10 = 1000 lbs.
- 11 = 1100 lbs.
- 15 = *1500 lbs.
- 30 = *3000 lbs.
- 22 = 2200 lbs.
- 44 = 4400 lbs. *Spark Resistant

CHAIN TYPE

- L = Link
- R = Roller

CONTROL TYPE

- P = Pendent (Standard-2LVR)
- R = Rope
- T = No Control (Rope Ready)
- W = None-Pendent Ready

CONTROL LENGTH

- E = 5 FT
- J = 10 FT
- O = 15 FT
- Y = 25 FT
- Z = No Control Length

CHAIN OPTIONS

- L = Standard Link
- R = Standard Roller
- Q = S.R. Link
- P = Zinc Plated Link
- X = No Chain

CAPACITY RATING

- 03 = 300 lbs. (10/11/15)
- 05 = 500 lbs. (10/11/15)
- 10 = 1000 lbs. (10/11/15)
- 11 = 1000 lbs. (10/15/22)
- 15 = 1500 lbs. (15/22)
- 20 = 2000 lbs. (22)
- 22 = 2200 lbs. (22)
- 30 = 3000 lbs. (30/44)
- 31 = 1100 lbs. (30/44)
- 32 = 2200 lbs. (30/44)
- 40 = 4000 lbs. (44)
- 44 = 4400 lbs. (44)

VINTAGE

A

LOWER HOOK

- A = Standard (11/22)
- B = Bullard (11/22)
- C = S.R. Standard Link (10/15)
- D = S.R. Bullard (10/15)
- E = S.R. Standard Link (30)
- F = S.R. Bullard Link (30)
- G = Standard Link (44)
- H = Bullard Link (44)
- I = Standard Roller (44)
- J = Bullard Roller (44)
- K = Standard Roller (11/22)
- L = Bullard Roller (11/22)
- X = No Hook

UPPER HOOK

- A = Standard (11/22)
- B = Bullard (11/22)
- C = S.R. Standard (10/15)
- D = S.R. Bullard (10/15)
- E = S.R. Standard (30)
- F = S.R. Bullard (30)
- G = Standard (44)
- H = Bullard (44)
- X = No Hook

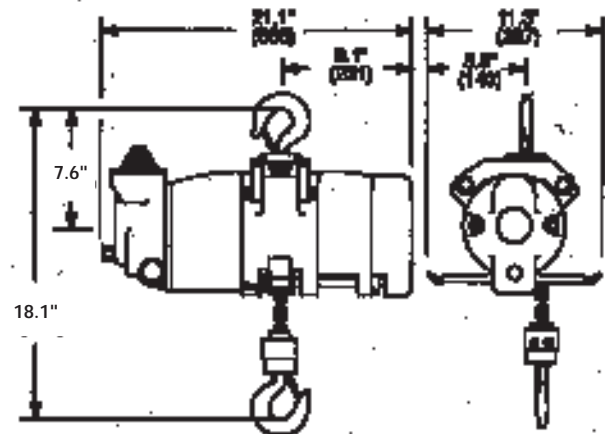
AMOUNT OF LIFT

_ _ _ Specify Length in Feet, 3 digits

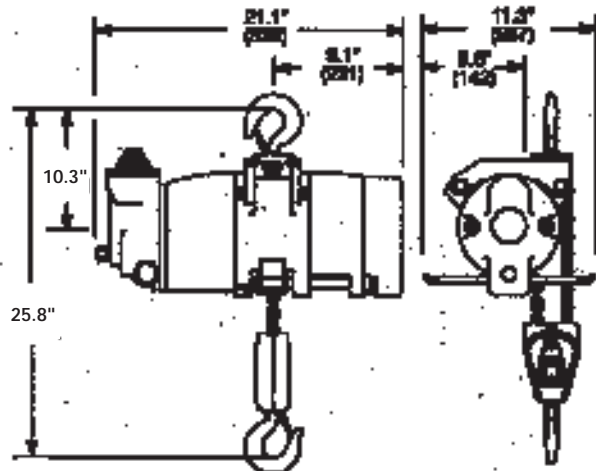
Example: 10' lift 010

Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.

Single Reeved
1100 lbs. (500 kg), 1500 lbs. (680 kg) &
2200 lbs. (1000 kg) Capacity



Double Reeved
3000 lbs. (1360 kg) & 4400 lbs. (2000 kg) Capacity



Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	Lifting fpm	Lowering fpm	Lifting mpm	Lowering mpm		lbs.	kg
P2HA11LPEL010AAA11	P2HA11LREL010AAA11	Link	1100	500	34	10	107	33	1	94	43
P2HA11RPER010AKA11	P2HA11RRER010AKA11	Roller	1100	500	34	10	107	33	1	94	43
P2HA22LPEL010AAA22	P2HA22LREL010AAA22	Link	2200	1000	17	5	56	17	1	94	43
P2HA22RPER010AKA22	P2HA22RRER010AKA22	Roller	2200	1000	17	5	56	17	1	94	43
P2HA44LPEL010GGA44	P2HA44LREL010GGA44	Link	4400	2000	9	3	28	9	2	126	57
P2HA44RPER010GIA44	P2HA44RRER010GIA44	Roller	4400	2000	9	3	28	9	2	126	57
Spark Resistant Units											
P2HA10LPEQ010CCA10	P2HA10LREQ010CCA10	Link	1000	454	38	12	107	33	1	94	43
P2HA15LPEQ010CCA15	P2HA15LREQ010CCA15	Link	1500	680	23	7	58	18	1	94	43
P2HA30LPEQ010EEA30	P2HA30LREQ010EEA30	Link	3000	1360	11	3	26	8	2	126	57

GENERAL:

Air Inlet: 3/8" NPT (use 1/2" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 44 cfm (1.3 m³/min.) at rated load.

STANDARD EQUIPMENT:

Hook mounted air hoist with 10 ft. (3.0m) lift
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:

Chain container – pages 52-53
Hoist trolleys – page 20
Auxiliary cable (Backup suspension) – page 55
Piped exhaust adapter (3/4"NPT) – 535779



GARDNER-DENVER®

P3 Series

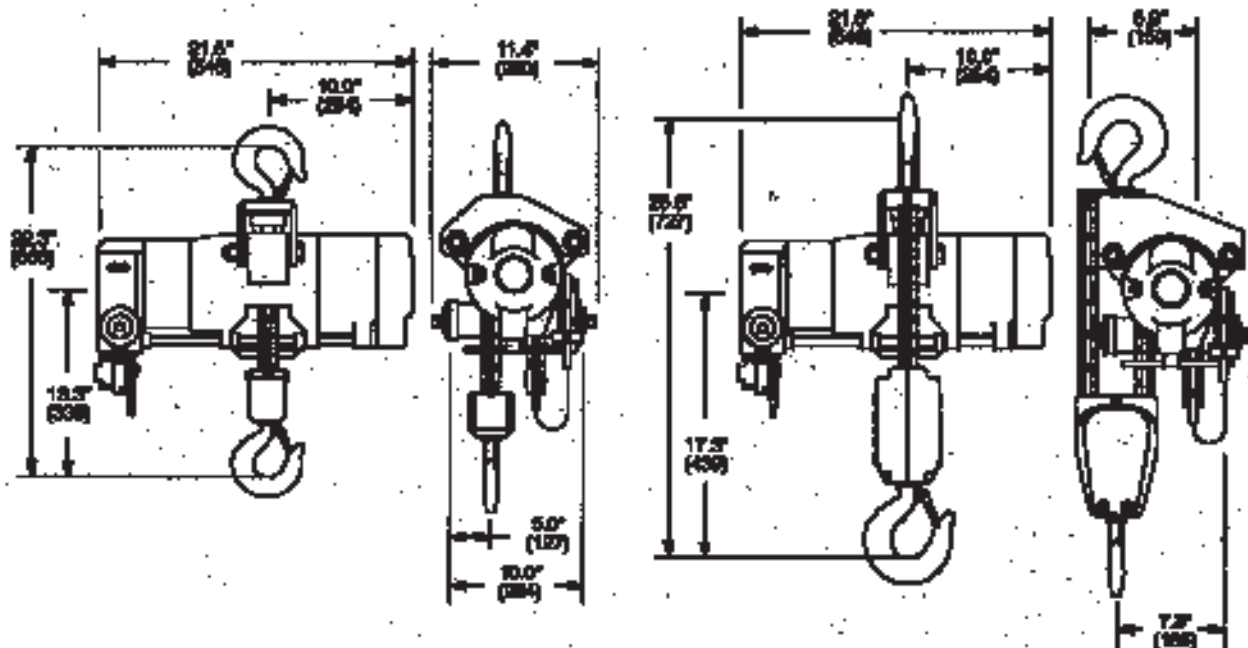
Capacity:
2200-8000 lbs.
1000-3629 kg

- Axial Piston Air Motor
- Pendant Control
- Link Chain



Single Reeved
2200 lbs. (1000 kg) & 4300 lbs. (1950 kg) Capacity

Double Reeved
8000 lbs. (3629 kg) Capacity



P3	H	A	22	L	P	E	P	---	A	A	A	22
----	---	---	----	---	---	---	---	-----	---	---	---	----

SERIES P3	TYPE MOUNT H = Hook	FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease	CAPACITY 22 = 2200 lbs. 43 = 4300 lbs. 80 = 8000 lbs.	CHAIN TYPE L = Link	CONTROL TYPE L = Pendant (Hoist w/Hoistractor-4LVR) P = Pendant Standard (STD-2LVR) X = None-Pendant ready	CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = No Control Length	CHAIN OPTIONS L = Standard Link P = Zinc Plated Link X = No Chain	CAPACITY RATING 11 = 1100 lbs. (22) 20 = 2000 lbs. (22/43) 22 = 2200 lbs. (22/43) 40 = 4000 lbs. (43) 43 = 4300 lbs. (43) 50 = 5000 lbs. (80) 60 = 6000 lbs. (80) 80 = 8000 lbs. (80)
VINTAGE A								LOWER HOOK A = Standard (22/43) B = Bullard (22/43) C = Standard (80) D = Bullard (80) X = No Hook

AMOUNT OF LIFT
--- Specify Length in Feet, 3 digits
Example: 10' lift 010

Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.

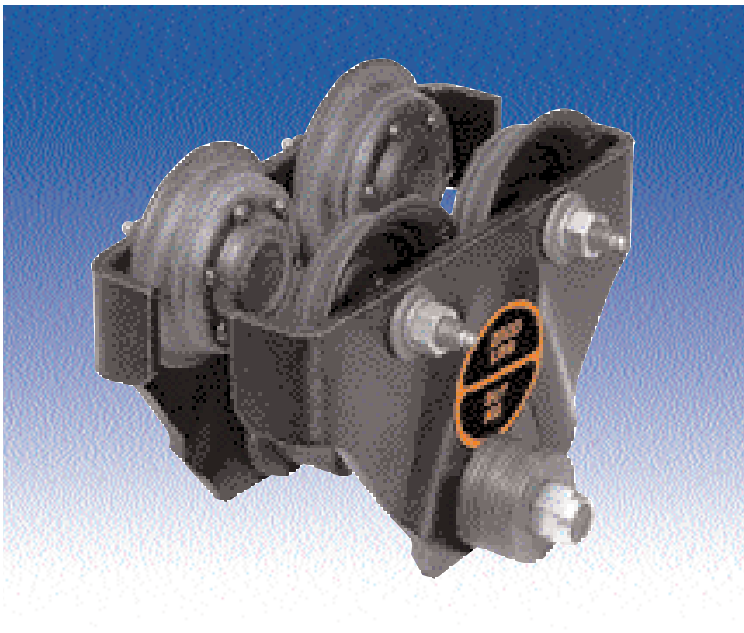
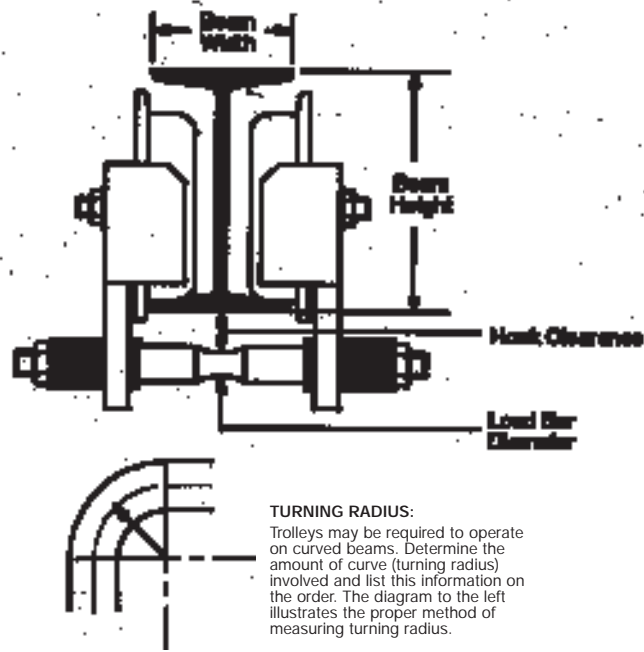


Model Number	Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
		lbs.	kg	Maximum Lift fpm	Maximum Lower fpm	Maximum Lift mpm	Maximum Lower mpm		lbs.	kg
P3HA22LPEP010AAA22	Link	2200	1000	30	9	80	24	1	135	61
P3HA43LPEP010AAA43	Link	4300	1950	15	5	40	12	1	135	61
P3HA80LPEP010CCA80	Link	8000	3629	7	2	20	6	2	180	82

GENERAL:
Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 83 cfm (2.35 m³/min.) at rated load.

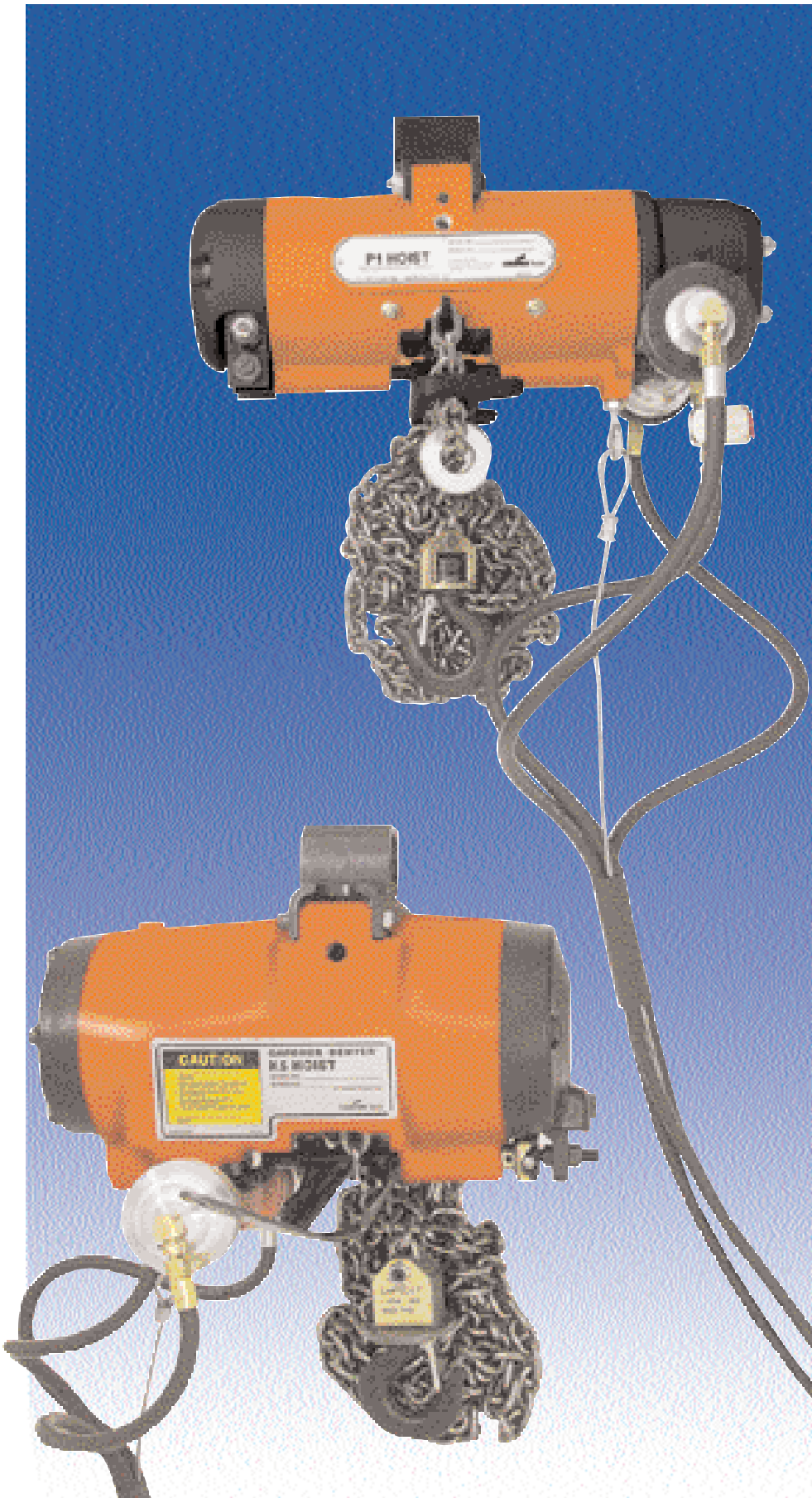
STANDARD EQUIPMENT:
Hook mounted air hoist with 10 ft. (3.0) lift
Pendant Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – page 53
Hoist trolleys – page 20
Auxiliary cable (Backup suspension) – page 55
Tractor connection kit – 516710



Hoist Capacity		Beam Width				Minimum Radius Turning		Part Number			Hook Clearance**		Load Bar Diameter	
		Min.		Max.										
lbs.	kg	in.	mm	in.	mm	in.	mm	Taper Wheel	Flat Wheel	Drawbar*	in.	mm	in.	mm
Hoist Series 7														
275	125	2.33	59	4.66	118	18	457	532992			1.50	38	0.75	19
Hoist Series K5														
550	250	2.66	68	4.66	118	18	457	534925	•534926	A60165	1.88	48	0.88	22
1100	500	2.66	68	4.66	118	18	457	527431	•528235	A60165	1.88	48	0.88	22
2200	1000	3.00	76	5.25	133	21	533	527432	•528236	A60164	2.25	57	1.12	28
Hoist Series K1														
2200*	1000	3.00	76	5.25	133	21	533	527432	•528236	A60164	2.25	57	1.12	28
3300	1498	3.31	84	6.00	152	42	1067	•534451	534709	A60164	2.25	57	1.25	32
4400	2000	3.31	84	6.00	152	42	1067	532274	534710	A60164	2.25	57	1.25	32
6600	3000	4.00	102	6.25	159	72	1829	531040	531040	516710	3.00	76	1.75	44
8800	4000	4.00	102	6.25	159	72	1829	531041	531041	516710	3.00	76	1.75	44
Hoist Series P1														
300	136	2.66	68	4.66	118	18	457	•539383	•539384	A60165	1.88	48	0.88	22
500	227	2.66	68	4.66	118	18	457	534923	•534924	A60165	1.88	48	0.88	22
1000	454	2.66	68	4.66	118	18	457	527491	528161	A60165	1.88	48	0.88	22
2000	908	3.00	76	5.25	133	21	533	527492	528166	A60164	2.25	57	1.12	28
Hoist Series P2														
1100	500	2.66	68	4.66	118	18	457	527431	•528235	A60165	1.88	48	0.88	22
2200	1000	3.00	76	5.25	133	21	533	527432	•528236	A60164	2.25	57	1.12	28
4400	2000	3.31	84	6.00	152	42	1067	532274	534710	A60164	2.25	57	1.12	32
Hoist Series P3														
2200	1000	3.00	76	5.25	133	21	533	527432	•528236	A60164	2.25	57	1.12	28
4300	1950	3.31	84	6.00	152	42	1067	•528234	•528237	A60164	2.25	57	1.25	32
8000	3629	4.00	102	6.25	159	72	1829	•533578	•533578	516710	3.00	76	1.75	44
Spark Resistant Trolleys														
Hoist Series P1														
500	227	2.66	68	4.66	118	18	457	539388	•539389	A60165	1.88	48	0.88	22
1000	454	3.00	76	5.25	133	21	533	•539376	•539377	A60164	2.25	57	1.12	28
Hoist Series P2														
1500	680	3.00	76	5.25	133	21	533	528186	•528179	A60164	2.25	57	1.12	28
3000	1361	3.31	84	6.00	152	42	1067	528187	528188	A60164	2.25	57	1.12	32

*NOTE: Drawbar for Hoistractor
**NOTE: Dimensions are for smallest size track
NOTE: • Available on quotation basis only.



The compact, low headroom design of lug mounted hoists make them ideal for applications where space is at a premium. This semi-permanent mount provides the greatest benefits in tight working situations where the non-rotating, non-swinging lug allows precise placement of the load. Lug mounted hoists are available with link chain only, to allow side movement of the load, and can be mounted on the appropriate Gardner-Denver trolley for horizontal movement of the load.

- Rotary Vane Hoists**
K5 Series22-23
- Axial Piston Hoists**
P1 Series24-25
- Trolleys for lug mounted hoists**26

Lug Mounted Hoists

GARDNER-DENVER®

K5 Series

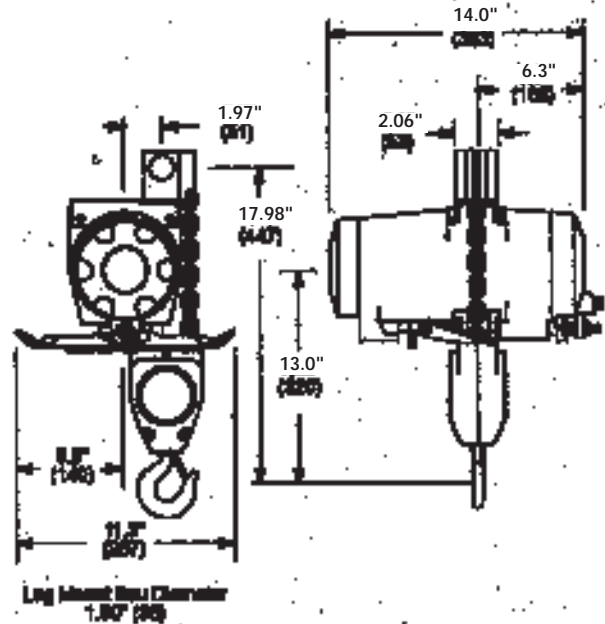
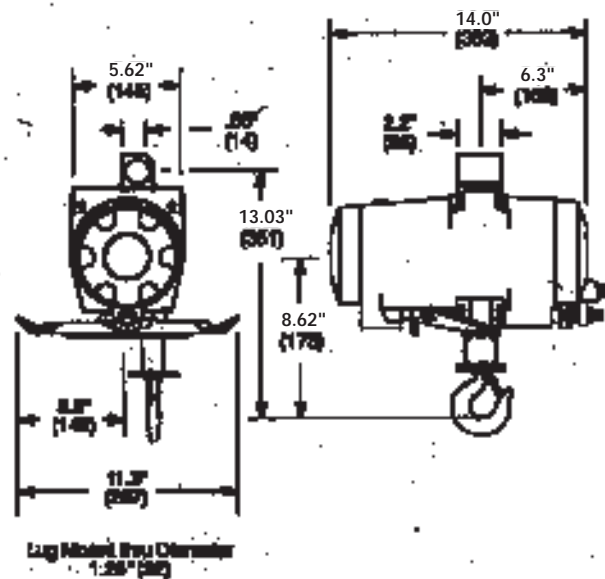
Capacity:
550-2200 lbs.
250-1000 kg

- Rotary Vane Air Motor
- Rope or Pendant Control
- Link Chain



Single Reeved
550 lbs. (250 kg) & 1100 lbs. (500 kg) Capacity

Double Reeved
2200 lbs. (1000 kg) Capacity



Lug Mounted Hoists

K5 L A 05 L P E L --- A A A 05											
SERIES K5									CAPACITY RATING		
TYPE MOUNT L = Lug									05 = 550 lbs. (05/11) 06 = 550 lbs. (22) 11 = 1100 lbs. (11) 12 = 1100 lbs. (22) 22 = 2200 lbs. (22)		
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease									VINTAGE A		
CAPACITY 05 = 550 lbs. 11 = 1100 lbs. 22 = 2200 lbs.									LOWER HOOK A = Standard Link (05/11) B = Bullard Link (05/11) E = Standard Link (22) F = Bullard Link (22) X = No Hook		
CHAIN TYPE L = Link									UPPER LUG A = Standard (05/11) B = Standard (22) X = No Chain		
CONTROL TYPE P = Pendant (Standard-2LVR) R = Rope W = None-Pendent Ready X = None									LIFT LENGTH Specify Length in Feet, 3 digits Example: 10' lift 010		
CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = None									Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.		
CHAIN TYPE L = Standard Link P = Zinc Plated Link X = No Chain											

Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	Maximum Lift	Maximum Lower	fpm	mpm		lbs.	kg
K5LA05LPEL010AAA05	K5LA05LREL010AAA05	Link	550	250	40-67	12-20	110-147	33-44	1	42	19
K5LA11LPEL010AAA11	K5LA11LREL010AAA11	Link	1100	500	20-50	6-15	80-120	24-36	1	42	19
K5LA22LPEL010BEA22	K5LA22LREL010BEA22	Link	2200	1000	10-25	3-7	40-60	12-18	2	54	25

GENERAL:
Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 75 cfm (2.12 m³/min.) at rated load.

STANDARD EQUIPMENT:
Lug mounted air hoist with 10 ft. (3.0m) lift
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

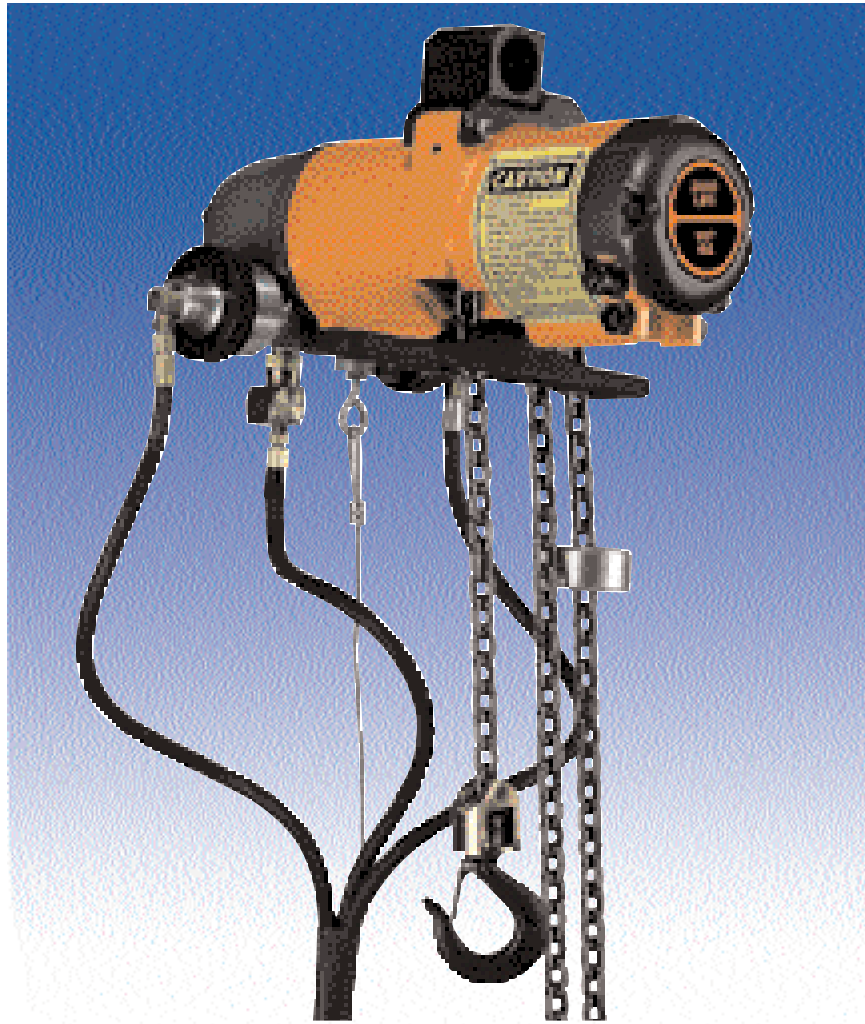
EXTRA EQUIPMENT:
Chain container – page 53
Hoist trolleys – page 26
Auxiliary cable (Backup suspension) – page 55
Air strainer intake fitting – A10161
Piped exhaust adapter (3/4"NPT) – 536567

GARDNER-DENVER®

P1 Series

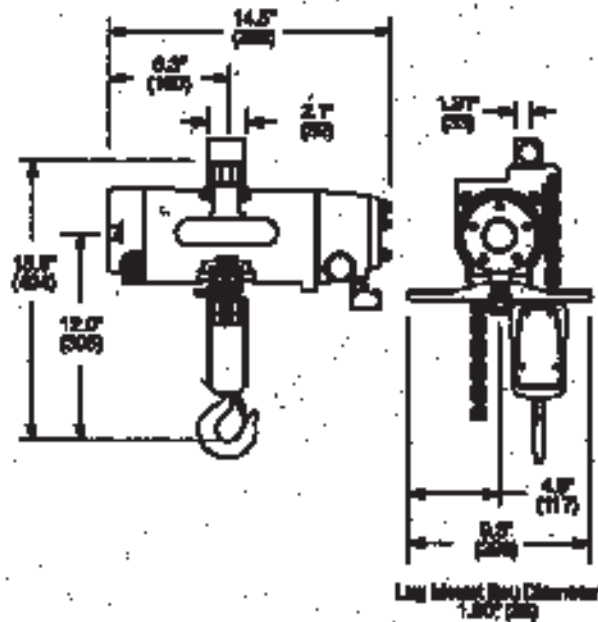
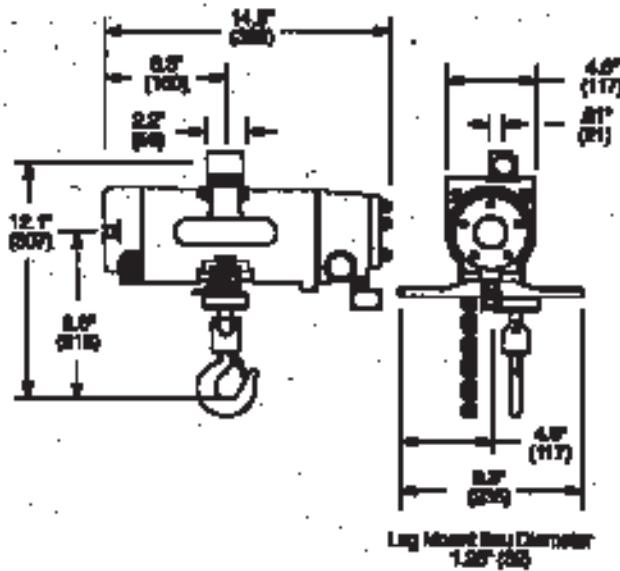
Capacity:
300-2000 lbs.
136-907 kg

- Axial Piston Air Motor
- Rope or Pendant Control
- Link Chain



Single Reeved
300 lbs. (136 kg), 500 lbs. (227 kg) &
1000 lbs. (454 kg) Capacity

Double Reeved
2000 lbs. (907 kg) Capacity



P1 L A 03 L P E L --- A A A 03

SERIES
P1

TYPE MOUNT
L = Lug

FEATURES
A = Standard Unit
H = Hi Temp Grease
P = Epoxy Paint
S = Epoxy Paint/Hi Temp Grease

CAPACITY
03 = 300 lbs.
05 = 550 lbs.
10 = 1000 lbs.
20 = 2000 lbs.

CHAIN TYPE
L = Link

CONTROL TYPE
P = Pendant (Standard-2LVR)
R = Rope
W = None-Pendent Ready
T = No Control Type (Rope Ready)

CONTROL LENGTH
E = 5 FT T = 20 FT
J = 10 FT Y = 25 FT
O = 15 FT Z = No Control Length

CHAIN OPTIONS
L = Standard Link
P = Zinc Plated Link
X = No Chain

CAPACITY RATING
03 = 300 lbs. (03/05/10)
05 = 500 lbs. (05/10)
10 = 1000 lbs. (10)
11 = 1000 lbs. (20)
15 = 1500 lbs. (20)
20 = 2000 lbs. (20)

VINTAGE
A

LOWER HOOK
A = Standard Link (03/05/10)
B = Bullard Link (03/05/10)
H = Standard Link (20)
I = Bullard Link (20)
X = No Lower Hook

UPPER LUG
A = Standard (03/05/10)
B = Standard (20)
X = No Lug

LIFT LENGTH
--- Specify Length in Feet, 3 digits
Example: 10' lift 010

Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.



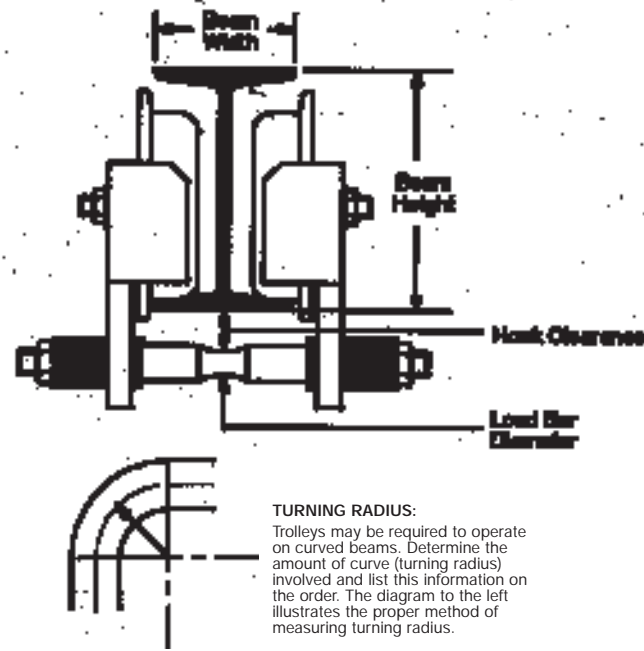
Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	Maximum Lift fpm	Maximum Lower fpm	Maximum Lift mpm	Maximum Lower mpm		lbs.	kg
P1LA03LPEL010AAA03	P1LA03LREL010AAA03	Link	300	136	80	24	88	27	1	28	13
P1LA05LPEL010AAA05	P1LA05LREL010AAA05	Link	500	227	47	14	115	35	1	28	13
P1LA10LPEL010AAA10	P1LA10LREL010AAA10	Link	1000	454	19	6	49	15	1	28	13
P1LA20LPEL010BHA20	P1LA20LREL010BHA20	Link	2000	907	9.5	3	24	7	2	31	14

GENERAL:
Air Inlet: 3/8" NPT (use 1/2" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 25 cfm (.71 m³/min.) at rated load.

STANDARD EQUIPMENT:
Lug mounted air hoist with 10 ft. (3.0m) lift
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – page 53
Hoist trolleys – page 26
Auxiliary cable (Backup suspension) – page 55
Piped exhaust adapter (1/2"NPT) – 500344

Trolleys for Lug Mounted Hoists



Hoist Capacity		Beam Width				Minimum Radius Turning		Part Number			Hook Clearance**		Load Bar Diameter	
		Min.		Max.										
lbs.	kg	in.	mm	in.	mm	in.	mm	Taper Wheel	Flat Wheel	Drawbar*	in.	mm	in.	mm
Hoist Series K5														
550	250	2.66	68	4.66	118	18	457	534925	•534926	A60165	1.88	48	0.88	22
1100	500	2.66	68	4.66	118	18	457	527431	•528235	A60165	1.88	48	0.88	22
2200	1000	3.00	76	5.25	133	21	533	527432	•528236	A60164	2.25	57	1.12	28
Hoist Series P1														
300	136	2.66	68	4.66	118	18	457	•539383	•539384	A60165	1.88	48	0.88	22
500	227	2.66	68	4.66	118	18	457	534923	•534924	A60165	1.88	48	0.88	22
1000	454	2.66	68	4.66	118	18	457	527491	528161	A60165	1.88	48	0.88	22
2000	908	3.00	76	5.25	133	21	533	527492	•528166	A60164	2.25	57	1.12	28

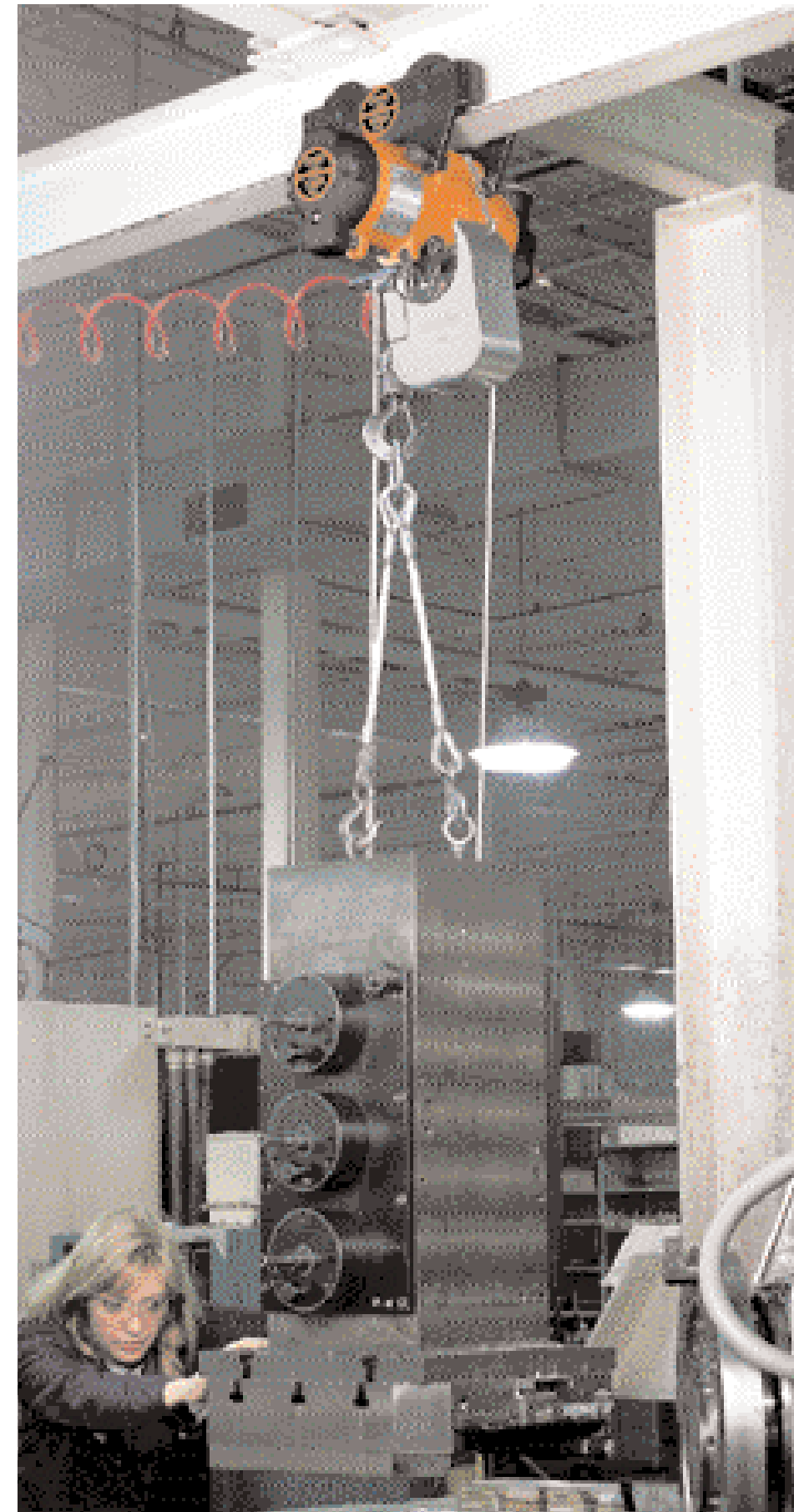
*NOTE: Drawbar for Hoistractor

NOTE: Dimensions are for smallest size track

NOTE: • Available on quotation basis only.



Trolley Mounted Hoists



Trolley mounted air hoists offer a low hook-to-beam dimension for low headroom or permanent installations. The heavy-duty trolleys will adapt to almost every size "I" beam. Trolleys have ball bearing construction for easy movement and long life. Trolley mounted hoists feature link chain only, to allow side movement of load, and all are adaptable for use with the Gardner-Denver Hoistractor.

Rotary Vane Hoists

K5 Series28-29

K1 Series30-31

Axial Piston Hoists

P1 Series32-33

P2 Series34-35

P3 Series36-37

GARDNER-DENVER®

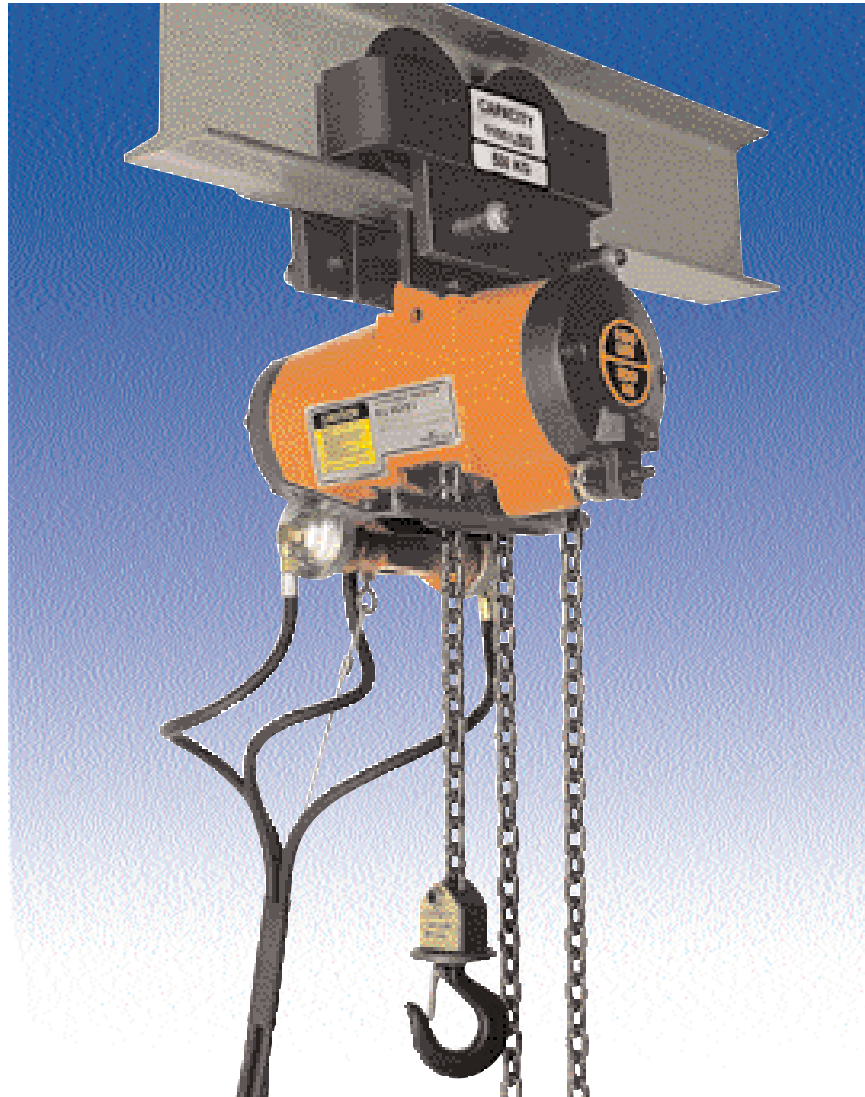
K5 Series

Capacity:
550-2200 lbs.
250-1000 kg

Beam flange width:
3.0-6.0 in
76-162 mm

Minimum turning radius:
34 in
864 mm

- Rotary Vane Air Motor
- Rope or Pendant Control
- Link Chain



K5 T A 05 L P E L --- A A A 05

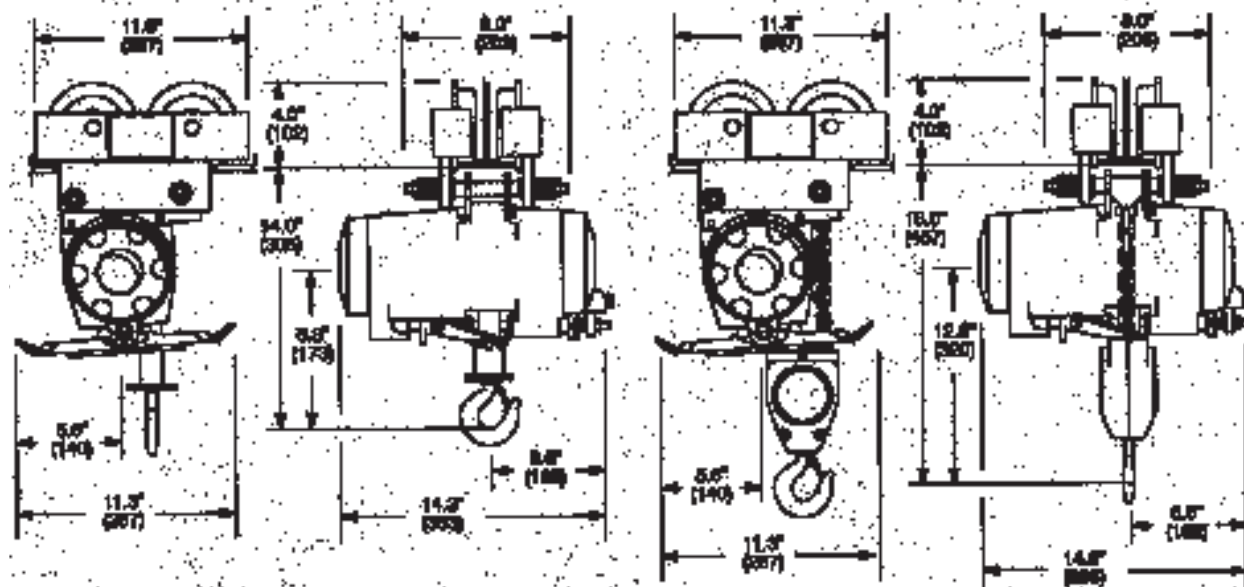
SERIES K5	CAPACITY RATING 05 = 550 lbs. (05/11) 06 = 550 lbs. (22) 11 = 1100 lbs. (11) 12 = 1100 lbs. (22) 22 = 2200 lbs. (22)
TYPE MOUNT T = Trolley	VINTAGE A
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease	LOWER HOOK A = Standard Link (05/11) B = Bullard Link (05/11) C = Standard Link (22) D = Bullard Link (22) X = No Hook
CAPACITY 05 = 550 lbs. 11 = 1100 lbs. 22 = 2200 lbs.	TROLLEY A = 3-5" Tapered for (05/11/22) B = 5-6" Tapered for (05/11/22) C = 3-5" Tapered w/Hoistractor bracket (05/11/22) D = 5-6" Flat for (05/11/22) E = 3-5" Flat for (05/11/22) F = 3-5" Flat w/Hoistractor bracket (05/11/22) G = 2" Nrw Flat for (05/11/22) H = 2" Nrw Flat w/Hoistractor bracket (05/11/22)
CHAIN TYPE L = Link	AMOUNT OF LIFT Specify Length in Feet, 3 digits Example: 10' lift 010_
CONTROL TYPE P = Pendant (Standard-2LVR) R = Rope W = None-Pendent Ready X = None	CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = No Control Length
CHAIN TYPE L = Standard Link P = Zinc Plated Link X = No Chain	



Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.

Single Reeved
5500 lbs. (250 kg) & 1100 lbs. (500 kg) Capacity

Double Reeved
2200 lbs. (1000 kg) Capacity



Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	Maximum Lift fpm	Maximum Lower fpm	Maximum Lift mpm	Maximum Lower mpm		lbs.	kg
K5TA05LPEL010AAA05	K5TA05LREL010AAA05	Link	550	250	40-67	12-20	110-147	33-44	1	82	37
K5TA11LPEL010AAA11	K5TA11LREL010AAA11	Link	1100	500	20-50	6-15	80-120	24-36	1	82	37
K5TA22LPEL010ACA22	K5TA22LREL010ACA22	Link	2200	1000	10-25	3-7	40-60	12-18	2	93	42

GENERAL:
Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 75 cfm (2.12 m³/min.) at rated load.

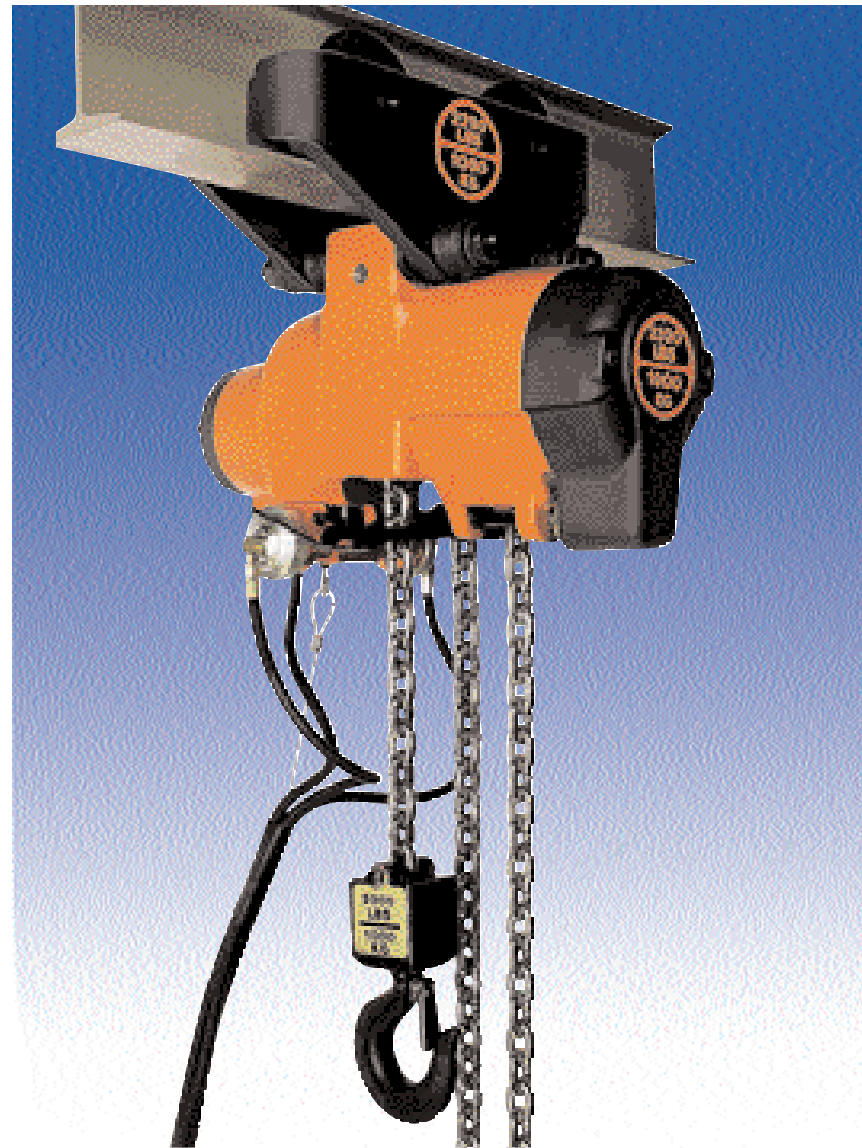
STANDARD EQUIPMENT:
Trolley mounted air hoist with 10 ft. (3.0m) lift
Tapered Wheels
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – page 53
Air strainer intake fitting – A10161
Piped exhaust adapter (3/4"NPT) – 536567
Tractor connection kit – 530388 (Used to modify existing Hoist)

GARDNER-DENVER®

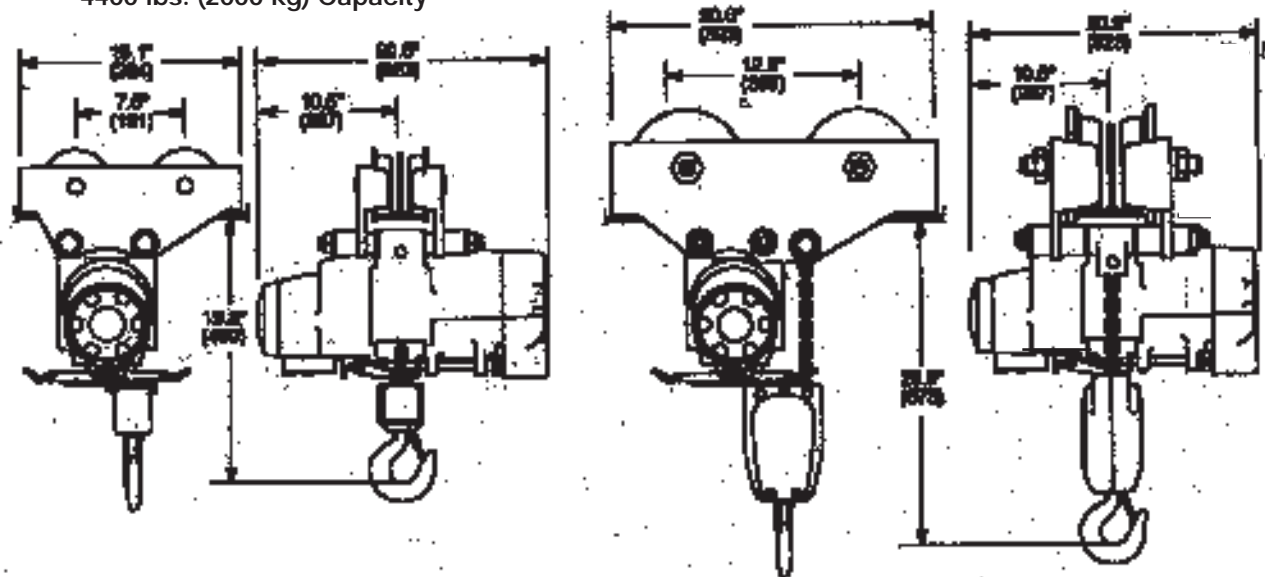
K1 Series

- Capacity:
2200-8800 lbs.
1000-4000 kg
- Beam flange width:
2200 lbs., 3300 lbs., 4400 lbs. capacity
3.00-6.25 in
76-159 mm
- 6600 lbs., 8800 capacity
4.00-6.25 in
102-159 mm
- Minimum turning radius:
2200 lbs., 3300 lbs., 4400 lbs. capacity
60 in
1524 mm
- 6600 lbs., 8800 lbs. capacity
72 in
1829 mm
- Rotary Vane Air Motor
 - Rope or Pendent Control
 - Link Chain



Single Reeved
2200 lbs. (1000 kg), 3300 lbs. (1500 kg) &
4400 lbs. (2000 kg) Capacity

Double Reeved
6600 lbs. (3000 kg) & 8800 lbs. (4000 kg) Capacity



SERIES K1											CAPACITY RATING 11 = 1100 lbs. (22/33/44) 22 = 2200 lbs. (22/33/44) 33 = 3300 lbs. (33/44) 44 = 4400 lbs. (44) 45 = 4400 lbs. (66/88) 66 = 6600 lbs. (66) 88 = 8800 lbs. (88)
TYPE MOUNT T = Trolley											VINTAGE A
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease											LOWER HOOK A = Standard Link (22/33/44) B = Bullard Link (22/33/44) C = Standard Link (66/88) D = Bullard Link (66/88) X = No Hook
CAPACITY 22 = 2200 lbs. 33 = 3300 lbs. 44 = 4400 lbs.											TROLLEY A = 3-6.25" Tapered (22/33/44) B = 4-6.25" Tapered (66/88) C = 3.25" Nrw Flat (66/88) D = 3-6.25" Flat (22/33/44) E = 4-6.25" Flat (66/88) F = 2" Nrw Flat (22/33/44)
CHAIN TYPE L = Link											AMOUNT OF LIFT Specify Length in Feet, 3 digits Example: 10' lift 010
CONTROL TYPE P = Pendent (Standard-2LVR) R = Rope W = None-Pendent Ready X = None											CHAIN OPTIONS L = Standard Link P = Zinc Plated Link X = No Chain
CONTROL LENGTH E = 5 FT J = 10 FT O = 15 FT											Amount of Lift Legend T = 20 FT Y = 25 FT Z = No Control Length



Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	Maximum Lift fpm	Maximum Lower mpm	fpm	mpm		lbs.	kg
K1TA22LPEP010AAA22	K1TA22LREP010AAA22	Link	2200	1000	33	10	52	16	1	270	123
K1TA33LPEP010AAA33	K1TA33LREP010AAA33	Link	3300	1500	21	6	34	10	1	270	123
K1TA44LPEP010AAA44	K1TA44LREP010AAA44	Link	4400	2000	15	5	24	7	1	270	123
K1TA66LPEP010BCA66	K1TA66LREP010BCA66	Link	6600	3000	10	3	17	5	2	278	140
K1TA88LPEP010BCA88	K1TA88LREP010BCA88	Link	8800	4000	7	2	12	4	2	278	140

GENERAL:
Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 75 cfm (2.12 m³/min.) at rated load.

STANDARD EQUIPMENT:
Trolley mounted air hoist with 10 ft. (3.0m) lift
Tapered Wheels
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – page 53
Piped exhaust adapter (3/4"NPT) – 536567
Tractor connection kit – 516710 (Used to modify existing Hoist)

Trolley Mounted Hoists

GARDNER-DENVER®

P1 Series

Capacity:
300-1000 lbs.
136-454 kg

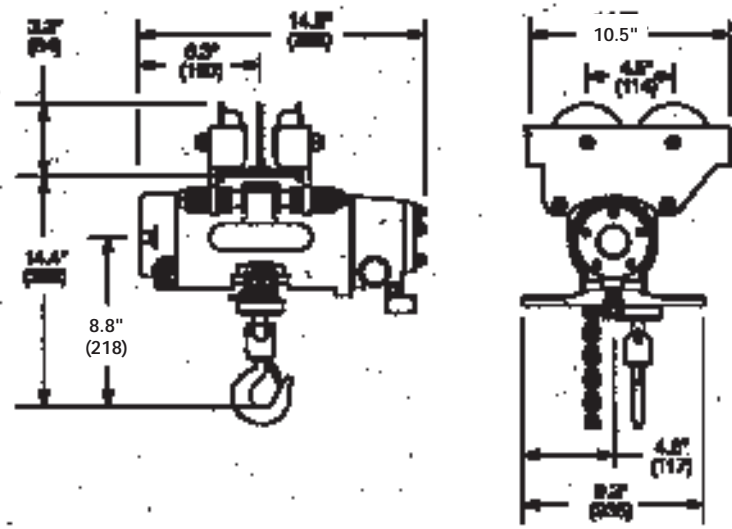
Beam flange width:
2.63-5.00 in
67-127 mm

Minimum turning radius:
26 in
660 mm

- Axial Piston Air Motor
- Rope or Pendant Control
- Link Chain



Single Reeved
300 lbs. (136 kg), 500 lbs. (227 kg) & 1000 lbs. (454 kg) Capacity



Trolley Mounted Hoists

P1	T	A	05	L	P	E	L	---	A	A	A	05
SERIES P1									CAPACITY RATING 03 = 300 lbs. (03/05/10) 05 = 500 lbs. (05/10) 10 = 1000 lbs. (10)			
TYPE MOUNT T = Trolley									VINTAGE A			
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease									LOWER HOOK A = Standard (03/05/10) B = Bullard (03/05/10) X = No Hook			
CAPACITY 03 = 300 lbs. 05 = 500 lbs. 10 = 1000 lbs.									TROLLEY A = 2.63-5" Tapered (03/05/10) (standard) B = 5-7" Tapered (03/05/10) C = 2.63-5" Tapered w/Hoistractor bracket (03/05/10) D = 5-7" Flat (03/05/10) E = 2.63-5" Flat (03/05/10) F = 2.63-5" Flat w/Hoistractor bracket (03/05/10) G = 2" Nr w Flat (03/05/10) H = 2" Nr w Flat w/Hoistractor bracket (03/05/10)			
CHAIN TYPE L = Link									AMOUNT OF LIFT Specify Length in Feet, 3 digits Example: 10' lift 010			
CONTROL TYPE P = Pendant (Standard-2LVR) R = Rope W = None-Pendent Ready T = No Control Type (Rope Ready)									Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.			
CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = No Control Length												
CHAIN OPTIONS L = Standard Link P = Zinc Plated Link X = No Chain												

Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control				Lifting		Lowering				
			lbs.	kg	fpm	mpm	fpm	mpm		lbs.	kg
P1TA03LPEL010AAA03	P1TA03LREL010AAA03	Link	300	136	80	24	88	27	1	50	23
P1TA05LPEL010AAA05	P1TA05LREL010AAA05	Link	500	227	47	14	115	35	1	50	23
P1TA10LPEL010AAA10	P1TA10LREL010AAA10	Link	1000	454	19	6	49	15	1	50	23

GENERAL:
Air Inlet: 3/8" NPT (use 1/2" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 25 cfm (.71 m³/min.) at rated load.

STANDARD EQUIPMENT:
Trolley mounted air hoist with 10 ft. (3.0m) lift
Tapered Wheels
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – page 53
Piped exhaust adapter (1/2"NPT) – 500344
Tractor connection kit – 502953 (Used to modify existing Hoist)

GARDNER-DENVER®

P2 Series

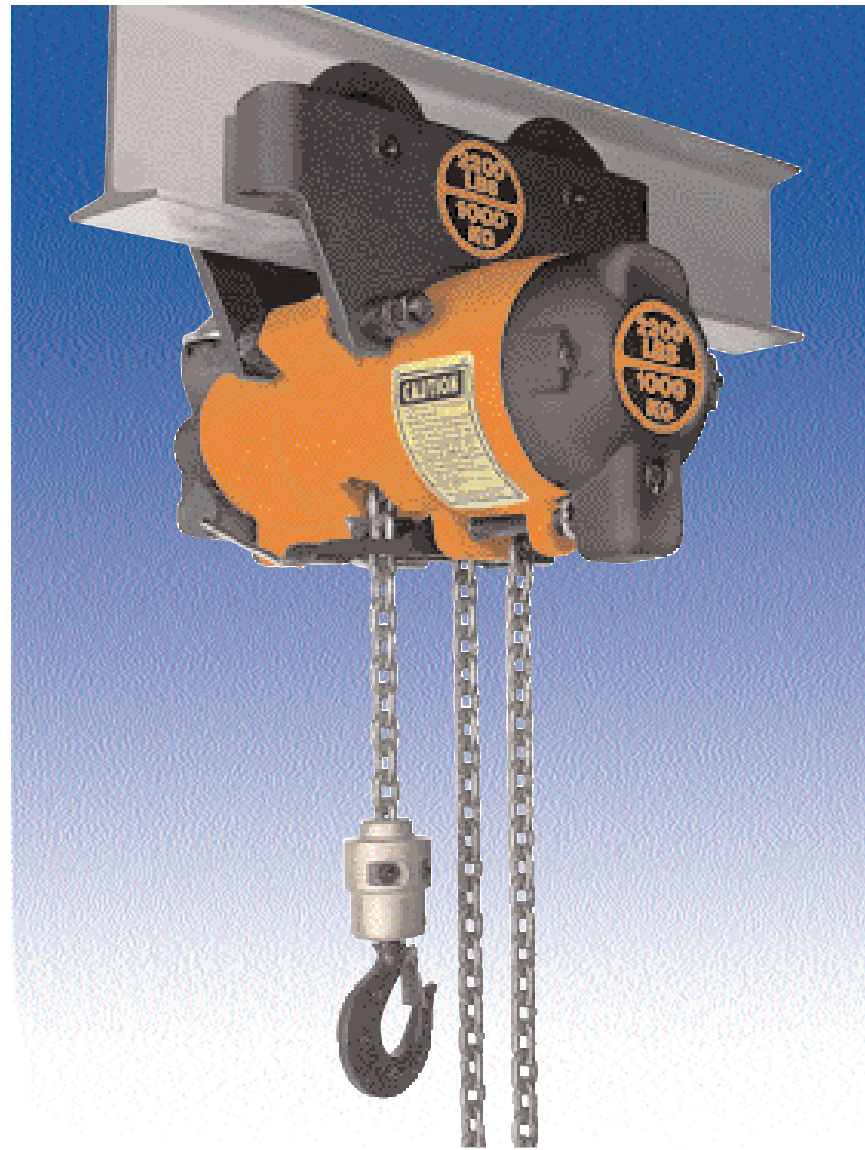
Capacity:
1100-4400 lbs.
500-2000 kg

Beam flange width:
3.00-5.00 in
76-127 mm

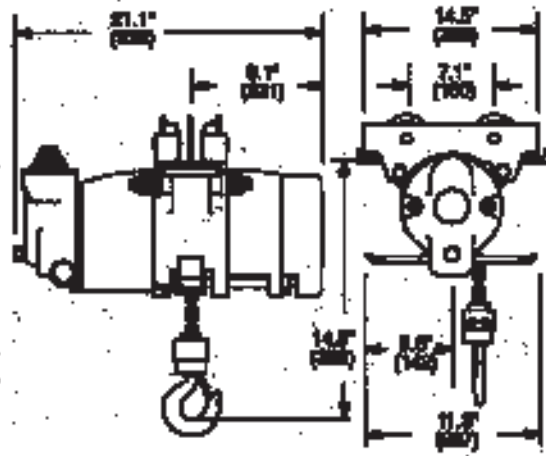
Minimum turning radius:
1000 lbs., 1100 lbs., 1500 lbs.,
2200 lbs. capacity
36 in
914 mm

3000 lbs., 4400 lbs. capacity
60 in
1524 mm

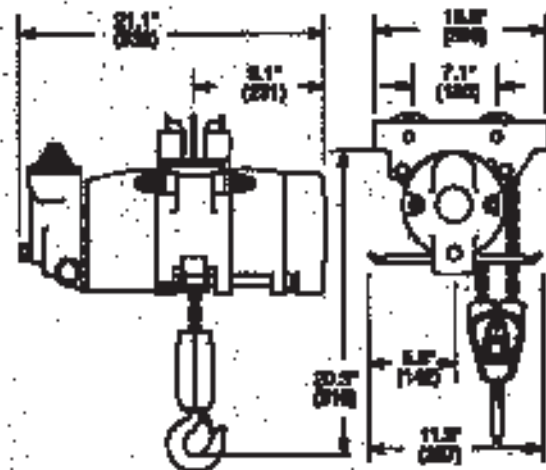
- Axial Piston Air Motor
- Rope or Pendant Control
- Link Chain



Single Reeved
1100 lbs. (500 kg), 1500 lbs. (680 kg) &
2200 lbs. (1000 kg) Capacity



Double Reeved
3000 lbs. (1360 kg) & 4400 lbs. (2000 kg) Capacity



P2 T A 11 L P E L --- A A A 11

SERIES
P2

TYPE MOUNT
T = Trolley

FEATURES
A = Standard Unit
E = Edible Grease
H = Hi Temp Grease
P = Epoxy Paint
R = Epoxy Paint/Edible Grease
S = Epoxy Paint/Hi Temp Grease

CAPACITY
10 = 1000 lbs. 22 = 2200 lbs.
11 = 1100 lbs. 30 = *3000 lbs.
15 = *1500 lbs. 44 = 4400 lbs.
*Spark Resistant

CHAIN TYPE
L = Link

CONTROL TYPE
P = Pendant (Standard-2LVR)
R = Rope
W = None-Pendent Ready
T = No Control (Rope Ready)

CONTROL LENGTH
E = 5 FT T = 20 FT
J = 10 FT Y = 25 FT
O = 15 FT Z = No Control Length

CHAIN OPTIONS
L = Standard Link
P = Zinc Plated Link
Q = S.R. Link
X = No Chain

CAPACITY RATING
03 = 300 lbs. (10/11/15)
05 = 300 lbs. (10/11/15)
10 = 1000 lbs. (10/11/15)
11 = 1100 lbs. (11/15/22)
15 = 1500 lbs. (15/22)
20 = 2000 lbs. (22)
22 = 2200 lbs. (22)
30 = 3000 lbs. (30/44)
31 = 1100 lbs. (30)
32 = 2200 lbs. (30/44)
40 = 4000 lbs. (44)
44 = 4400 lbs. (44)

VINTAGE
A

LOWER HOOK
A = Standard (11/22) F = S.R. Bullard (30)
B = Bullard (11/22) G = Standard (44)
C = S.R. Std. (10/15) H = Bullard (44)
D = S.R. Bullard (10/15) X = No Hook
E = S.R. Std. (30)

TROLLEY
A = 3-5" Tapered (11/22)
B = 3-5" Tapered S.R. (10/15)
C = 3-5" Tapered S.R. (30)
D = 3-5" Tapered (44)
E = 3-5" Flat (11/22)
F = 3-5" Flat S.R. (10/15)
G = 3-5" Flat S.R. (30)
H = 3-5" Flat (44)
I = 2" NrW Flat (11/22)
J = 2" NrW Flat S.R. (10/15)
K = 2" NrW Flat S.R. (30)
L = 2" NrW Flat (44)
M = 5-7" Tapered (11/22)
N = 5-7" Tapered (44)
O = 5-7" Tapered S.R. (10/15)
P = 5-7" Tapered S.R. (30)
Q = 5-7" Flat (11/22)
R = 5-7" Flat (44)
S = 5-7" Flat S.R. (10/15)
T = 5-7" Flat S.R. (30)

AMOUNT OF LIFT
--- Specify Length in Feet, 3 digits
Example: 10' lift 010

Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.

Model Number		Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
Pendent Control	Rope Control		lbs.	kg	fpm	mpm	fpm	mpm		lbs.	kg
P2TA11LPEL010AAA11	P2TA11LREL010AAA11	Link	1100	500	34	10	107	33	1	113	51
P2TA22LPEL010AAA22	P2TA22LREL010AAA22	Link	2200	1000	17	5	56	17	1	113	51
P2TA44LPEL010DGA44	P2TA44LREL010DGA44	Link	4400	2000	9	3	28	9	2	145	66
Spark Resistant Units											
P2TA10LPEQ010BCA10	P2TA10LREQ010BCA10	Link	1000	454	38	12	107	33	1	113	51
P2TA15LPEQ010BCA15	P2TA15LREQ010BCA15	Link	1500	680	23	7	58	18	1	113	51
P2TA30LPEQ010CEA30	P2TA30LREQ010CEA30	Link	3000	1360	11	3	26	8	2	145	66

GENERAL:
Air Inlet: 3/8" NPT (use 1/2" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 44 cfm (1.2 m³/min.) at rated load.

STANDARD EQUIPMENT:
Trolley mounted air hoist with 10 ft. (3.0m) lift
Tapered Wheels
Rope Control: 5 ft. (1.5m) rope length
Pendent Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Modified lift length (specify when ordering)
Chain container - page 53
Piped exhaust adapter (3/4"NPT) - 535779
Tractor connection kit: (Used to modify existing Hoist)
(1100, 1500, 2200 cap.) - 534919
(3000, 4400 cap.) - 534920



GARDNER-DENVER®

P3 Series

Capacity:
2200-8000 lbs.
1000-3629 kg

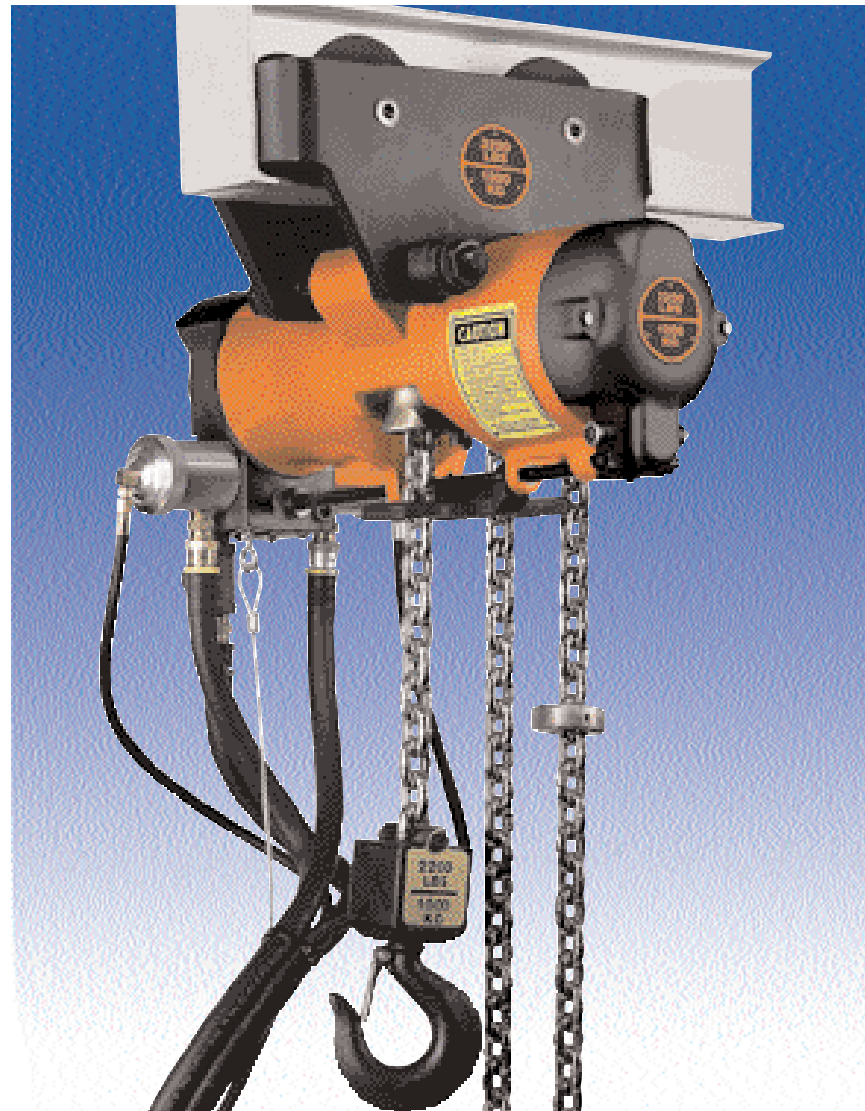
Beam flange width:
2200 lbs., 4300 lbs. capacity
3.38-6.25 in
86-159 mm

8000 lbs. capacity
4.00-6.25 in
102-159 mm

Minimum turning radius:
2200 lbs., 4300 lbs. capacity
60 in
1524 mm

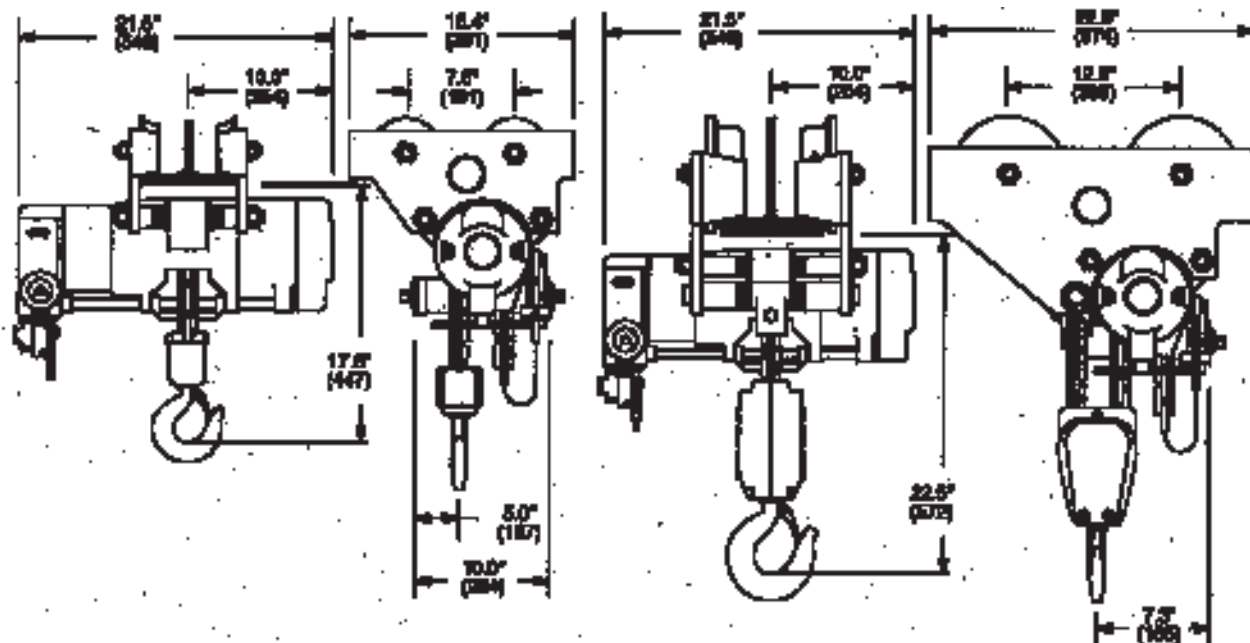
8000 lbs. capacity
72 in
1829 mm

- Axial Piston Air Motor
- Pendant Control
- Link Chain



Single Reeved
2200 lbs. (1000 kg) & 4300 lbs. (1950 kg) Capacity

Double Reeved
8000 lbs. (3629 kg) Capacity



SERIES P3	CAPACITY RATING 11 = 1100 lbs. (22) 20 = 2000 lbs. (22/43) 22 = 2200 lbs. (22/43) 40 = 4000 lbs. (43) 43 = 4300 lbs. (43) 50 = 5000 lbs. (80) 60 = 6000 lbs. (80) 80 = 8000 lbs. (80)
TYPE MOUNT T = Trolley	VINTAGE A
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease	LOWER HOOK A = Standard (22/43) B = Bullard (22/43) C = Standard (80) D = Bullard (80) X = No Hook
CAPACITY 22 = 2200 lbs. 43 = 4300 lbs. 80 = 8000 lbs.	TROLLEY A = 3.38-6.25" Tapered (22/43) B = 4-6.25" Tapered (80) C = 3.25-3.33" Nr w Flat (80) D = 3.38-6.25" Flat (22/43) E = 4-6.25" Flat (80)
CHAIN TYPE L = Link	AMOUNT OF LIFT --- Specify Length in Feet, 3 digits Example: 10' lift 010
CONTROL TYPE P = Pendant Standard (2LVR) X = None-Pendant Ready	CHAIN OPTIONS L = Standard Link P = Zinc Plated Link X = No Chain
CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = No Control Length	Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.



Model Number	Chain Type	Capacity		Lifting & Lowering Speeds				Reeves	Weight	
		lbs.	kg	Maximum Lift fpm	Maximum Lower mpm	fpm	mpm		lbs.	kg
P3TA22LPEP010AAA22	Link	2200	1000	30	9	80	24	1	270	123
P3TA43LPEP010AAA43	Link	4300	1950	15	5	40	12	1	270	123
P3TA80LPEP010BCA80	Link	8000	3629	7	2	20	6	2	335	152

GENERAL:
Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 83 cfm (2.35 m³/min.) at rated load.

STANDARD EQUIPMENT:
Trolley mounted air hoist with 10 ft. (3.0m) lift
Tapered Wheels
Pendant Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container – page 53

Hoistractor

When used with a hoist, the powerful, lightweight Hoistractor moves heavy loads quickly and without operator fatigue. The Hoistractor may be attached to a variety of different styles of trolley mounted hoists, and speed of travel is variable from a slow creep to full speed. With a single one-hand control for Hoistractor and hoist, the operator can raise, lower or move loads with positive control. While sensitive piston-actuated air controls permit smooth acceleration and deceleration, the mechanical brake provides positive stopping to spot loads precisely.

Combination Units

Gardner-Denver Hoist/Hoistractor Units combine a hoist and Hoistractor within a common frame to provide a powerful and versatile means of handling materials. These units fit a wide variety of "I" beams, cover an extensive range of lifting capacities and speeds, and eliminated extra sideplates, wheels, drawbars, etc., required by conventional arrangements.

Low Headroom

Designed with hoist and Hoistractor combined as one unit, Gardner-Denver low headroom hoists are ideal where maximum use must be made of available space. They fit a variety of beam sizes and are the ultimate in compact design with minimum hook-to-beam dimensions.

Hoistractor

TA Series40-41

Rotary Vane Hoists

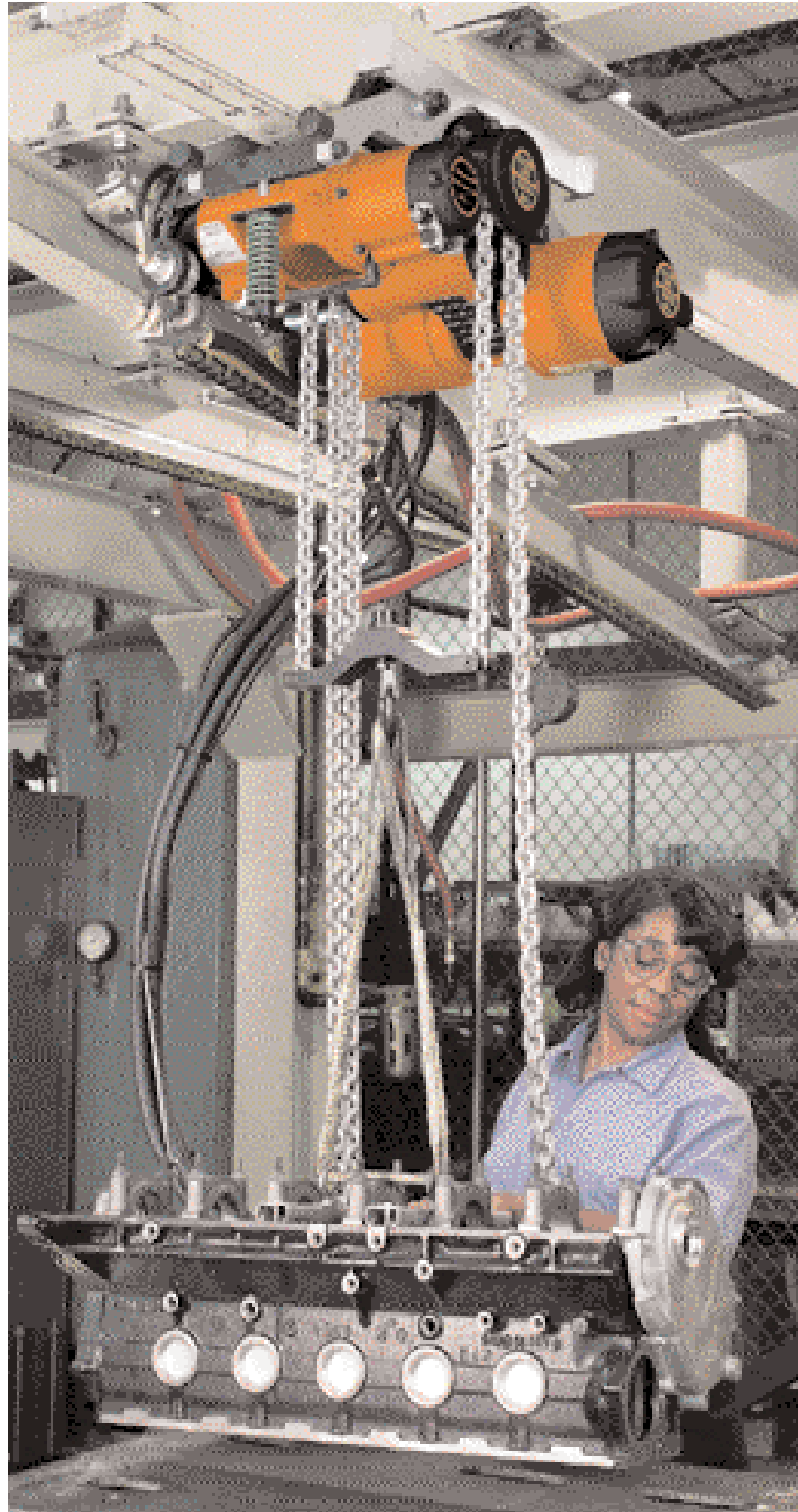
K1 Combination Series . .42-43

Axial Piston Hoists

P2 Combination Series . .44-45

P3 Combination Series . .46-47

P3 Low Headroom Series 48-49



Wheel Options

Gardner-Denver Hoistractors come standard with a neoprene drive wheel, however for improved wear resistance and extended life, a molded adiprene wheel is also available. Please contact a Gardner-Denver service technician for applications involving high temperature.

Drive Options

For added flexibility and safety, Gardner-Denver Hoistractors are available with your choice of three different drive options. As described below, each option has its advantages whether it be ease of operation or positive stopping characteristics.

Standard Drive

■ Even number of levers

The standard Hoistractor drive utilizes a powerful compression spring to hold the drive wheel in engagement with the beam. This type of drive requires only two pendant levers to control horizontal movement in forward and reverse. When either the forward or reverse lever is depressed, the Hoistractor immediately moves in the corresponding direction until the lever is released. Upon releasing the lever, a brake engages, and the load comes to an immediate stop.

This type of drive provides the simplest method for movement and precision location of a load.

Free Wheel to Positive Drive

■ Even number of levers

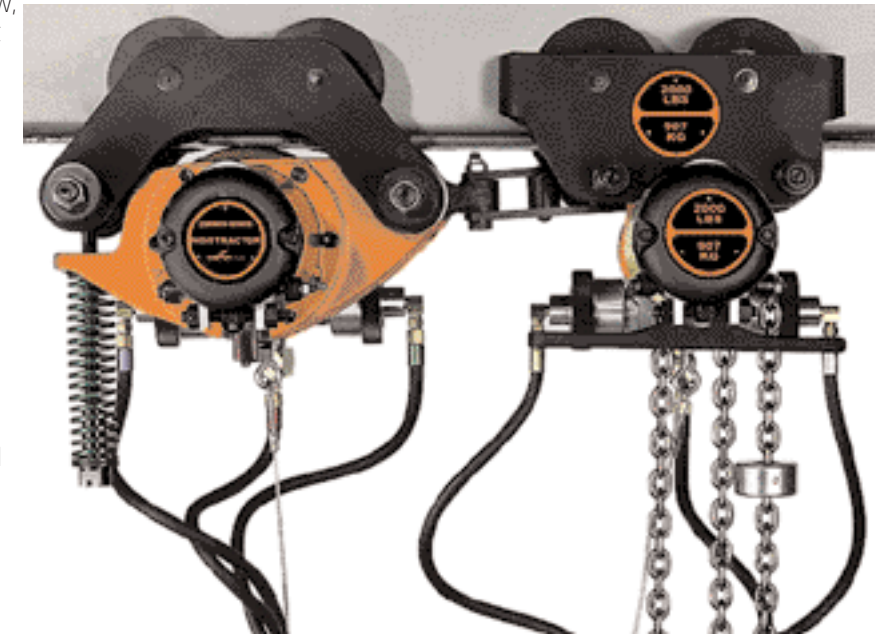
Requiring only two pendant levers to control horizontal movement, forward and reverse, this drive feature utilizes a drive wheel that is normally disengaged from the beam, allowing free movement of the load. When either the forward or reverse lever is depressed, the drive wheel is automatically moved into engagement with the beam by means of an air cylinder. Upon engagement, the load will move in the corresponding direction until the lever is released. When the lever is released, the drive wheel gradually disengages from the beam; this action will slow the horizontal movement of the load somewhat, before coasting to a stop. Because the drive wheel is normally disengaged, this type of drive allows the operator to manually position the load.

■ Odd number of levers only

Requiring at least three pendant levers for operation, one to engage the wheel, and two to control forward and reverse horizontal movement, this drive feature utilizes a drive wheel that is normally disengaged from the beam, allowing free movement of the load. To advance the Hoistractor the operator must depress one lever to move the wheel into engagement with the beam, and a second

lever to impart horizontal movement. The load will continue to move along the beam as long as both levers remain depressed. If the movement lever is released while the beam engagement lever remains depressed, the Hoistractor brake will engage, and the unit will come to an immediate stop. However, if the beam engagement lever is released before the motion lever, the drive wheel will move out of engagement with the beam, and the load will coast to a stop.

This drive type allows greater control over the horizontal movement of the load because the operator manually controls the engagement of the drive wheel with the beam.



Positive Drive to Free Wheel

■ Odd number of levers only

This type of drive is very similar to the previous except that the drive wheel is normally held in engagement with the beam by an air cylinder, and will remain so until pressure is bled from the cylinder by depressing the appropriate lever. Available only with an odd number of levers, two to control horizontal movement and one to disengage the drive wheel for manual movement, this drive provides the added safety feature of an immediate stop upon release of the levers.

To advance the Hoistractor, the operator must depress either the forward or reverse lever, the load will continue to move along the beam as long as the lever remains depressed. Upon release of the lever, the brake will engage, and the load will come to an immediate stop. If the lever to disengage the drive wheel is depressed while the load is in motion, the drive wheel will disengage from the beam, and the load will coast freely.

The benefit of this type of drive is that the Hoistractor brake will not allow movement of the load unless the one of the levers is depressed, or air pressure is bled off. However, if the operator wishes to manually move the load for precise positioning, he has but to depress the lever to disengage the drive wheel.

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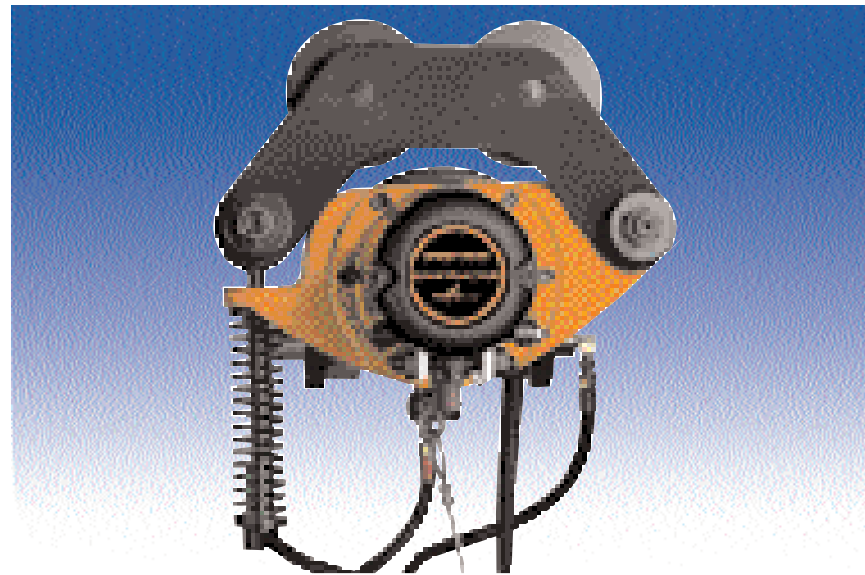
TA Series

Traversing Speed (no load):
40-240 fpm
12-73 mpm

Beam flange width:
2.60-6.00 in
66-152 mm

Minimum turning radius:
21 in
533 mm

- Axial Piston Air Motor
- Pendant Control
- Neoprene Wheel Drive



Model Number			Traversing Speed			
Standard Unit*	Free Wheel to Positive Drive	Positive Drive to Free Wheel	No Load		4000 lb. Load	
			fpm	mpm	fpm	mpm
Universal Units						
TATA04NPESXAXA	TATA04OAE GXAXA	TATA04PBEPXAXA	40	12	40	12
TATA12NPESXAXA	TATA12OAE GXAXA	TATA12PBEPXAXA	120	37	90	27
TATA24NPESXAXA	TATA24OAE GXAXA	TATA24PBEPXAXA	240	73	180	55
K5 - All						
TATA04NDESCAXA	TATA04OEEGCAXA	TATA04PFEP CAXA	40	12	40	12
TATA12NDESCAXA	TATA12OEEGCAXA	TATA12PFEP CAXA	120	37	90	27
TATA24NDESCAXA	TATA24OEEGCAXA	TATA24PFEP CAXA	240	73	180	55
K1 - All						
TATA04NDESKAXA	TATA04OEEGKAXA	TATA04PFEPKAXA	40	12	40	12
TATA12NDESKAXA	TATA12OEEGKAXA	TATA12PFEPKAXA	120	37	90	27
TATA24NDESKAXA	TATA24OEEGKAXA	TATA24PFEPKAXA	240	73	180	55
P1 - All						
TATA04NDESDAXA	TATA04OEEGDAXA	TATA04PFEPDAXA	40	12	40	12
TATA12NDESDAXA	TATA12OEEGDAXA	TATA12PFEPDAXA	120	37	90	27
TATA24NDESDAXA	TATA24OEEGDAXA	TATA24PFEPDAXA	240	73	180	55
P2 - 1100 & 2200						
TATA04NDESEAXA	TATA04OEEGEAXA	TATA04PFEP EAXA	40	12	40	12
TATA12NDESEAXA	TATA12OEEGEAXA	TATA12PFEP EAXA	120	37	90	27
TATA24NDESEAXA	TATA24OEEGEAXA	TATA24PFEP EAXA	240	73	180	55
P2 - 4400						
TATA04NDES FAXA	TATA04OEEGFAXA	TATA04PFEP FAXA	40	12	40	12
TATA12NDES FAXA	TATA12OEEGFAXA	TATA12PFEP FAXA	120	37	90	27
TATA24NDES FAXA	TATA24OEEGFAXA	TATA24PFEP FAXA	240	73	180	55
Universal Spark Resistant Units						
TATA04NPESXBXA			40	12	40	12
TATA12NPESXBXA			120	37	90	27
TATA24NPESXBXA			240	73	180	55
P2 - 1500 Spark Resistant						
TATA04NDESEBXA			40	12	40	12
TATA12NDESEBXA			120	37	90	27
TATA24NDESEBXA			240	73	180	55
P2 - 3000 Spark Resistant						
TATA04NDESFBXA			40	12	40	12
TATA12NDESFBXA			120	37	90	27
TATA24NDESFBXA			240	73	180	55
P3 - All						
TATA04NDESHAXA	TATA04OEEGHAXA	TATA04PFEPHAXA	40	12	40	12
TATA12NDESHAXA	TATA12OEEGHAXA	TATA12PFEPHAXA	120	37	90	27
TATA24NDESHAXA	TATA24OEEGHAXA	TATA24PFEPHAXA	240	73	180	55

*NOTE: Spring engagement

GENERAL:
Air Inlet: 3/8" NPT (use 1/2" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption 30 cfm (.80 m³/min.) at rated load.
Nominal weight: 70 lbs. (32 kg)

STANDARD EQUIPMENT:
Hoistractor with Pendant Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Piped exhaust adapter (1/2" NPT) - 500344
Flow Control Valve (3/8" NPT) - 502905

TA T A 04 N P E S X A X A

SERIES
TA

TYPE MOUNT
T = Trolley

FEATURES
A = Standard Unit P = Epoxy Paint
E = Edible Grease R = Epoxy Paint/Edible Grease
H = Hi Temp Grease S = Epoxy Paint/Hi Temp Grease

TRANSVERSING SPEED
04 = 40 fpm
12 = 120 fpm
24 = 240 fpm

DRIVE WHEEL TYPE
Neoprene Drive Wheel
N = Spring engagement
M = Free wheel to positive drive*
(2 or 4 lever pendent control handle)
O = Free wheel to positive drive*
(3 or 5 lever pendent control handle)
P = Positive drive to free wheel*
(3 or 5 lever pendent control handle)

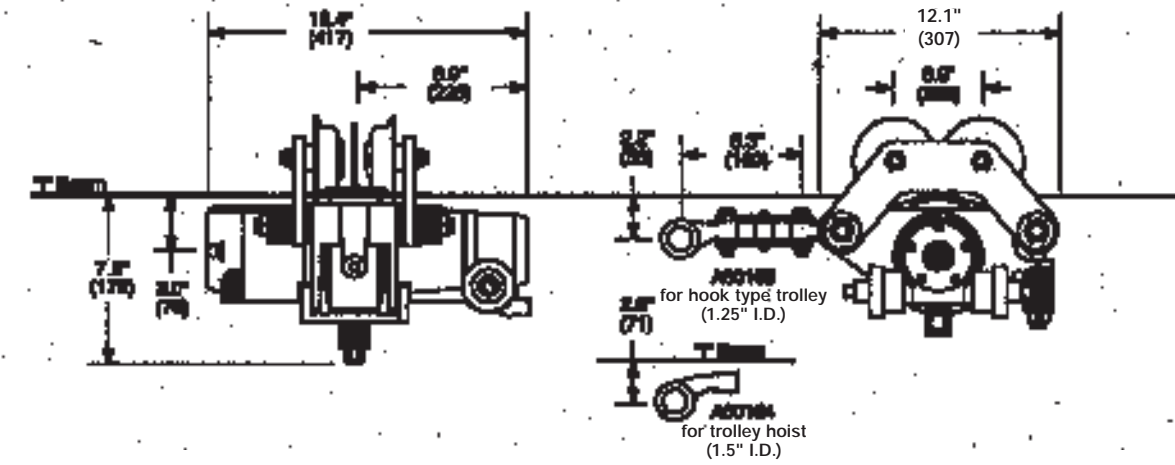
Adiprene Drive Wheel
A = Spring engagement
B = Free wheel to positive drive*
(2 or 4 lever pendent control handle)
C = Free wheel to positive drive*
(3 or 5 lever pendent control handle)
D = Positive drive to free wheel*
(3 or 5 lever pendent control handle) *See page 39

CONTROL TYPE
A = Free to positive (3/LVR)* P = Standard (2/LVR)**
B = Positive to free (3/LVR)* R = Rope Standard
D = Standard hoist w/Hoistractor (4 LVR)** T = None (Rope ready)
E = Free to positive (5/LVR)* W = None (Pendent Ready)
F = Positive to free (5/LVR)* *See page 39
I = P3 Models (4/LVR)* **Excluding P3 Hoists & P3 Combination units

CONNECTING LINK
A = 300-1100 lbs. 2.66-4.66" H/T*
B = 1500-4400 lbs. 3-6" H/T*
C = K5 Series 2-5" Trolley
D = P1 Series 2-5" Trolley
E = P2 (11/15/22) 2-5" Trolley
F = P2 (30/44) 2-5" Trolley
L = P2 (11/15/22) 5-7" Trolley
M = P2 (30/44) 5-7" Trolley
G = K1 (66/88) & P3 (80) 4-6-25" Trolley
H = P3 (22/43) 3.33-6.25" Trolley
K = K1 (22/33/44) 2-6.25" Trolley
X = Standard Connecting Link
*H/T = Hook type trolley
**Code 'G' can be used with both Hook-type and trolley mounted Hoists (3.25-6.25"). Codes C-M to be used with existing trolley mounted hoists; A&B used with hook type trolleys

Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.

DRIVE ENGAGEMENT
S = Spring for (04A/04N/12A/12N/24A/24N)
F = Free to Positive (2 or 4 lever)*
for (04B/04M/12B/12M/24B/24M)
G = Free to Positive (3 or 5 lever)*
for (04C/04O/12C/12O/24C/24O)
P = Positive to Free (3 or 5 lever)*
for (04D/04P/12D/12P/24D/24P) *See page 39



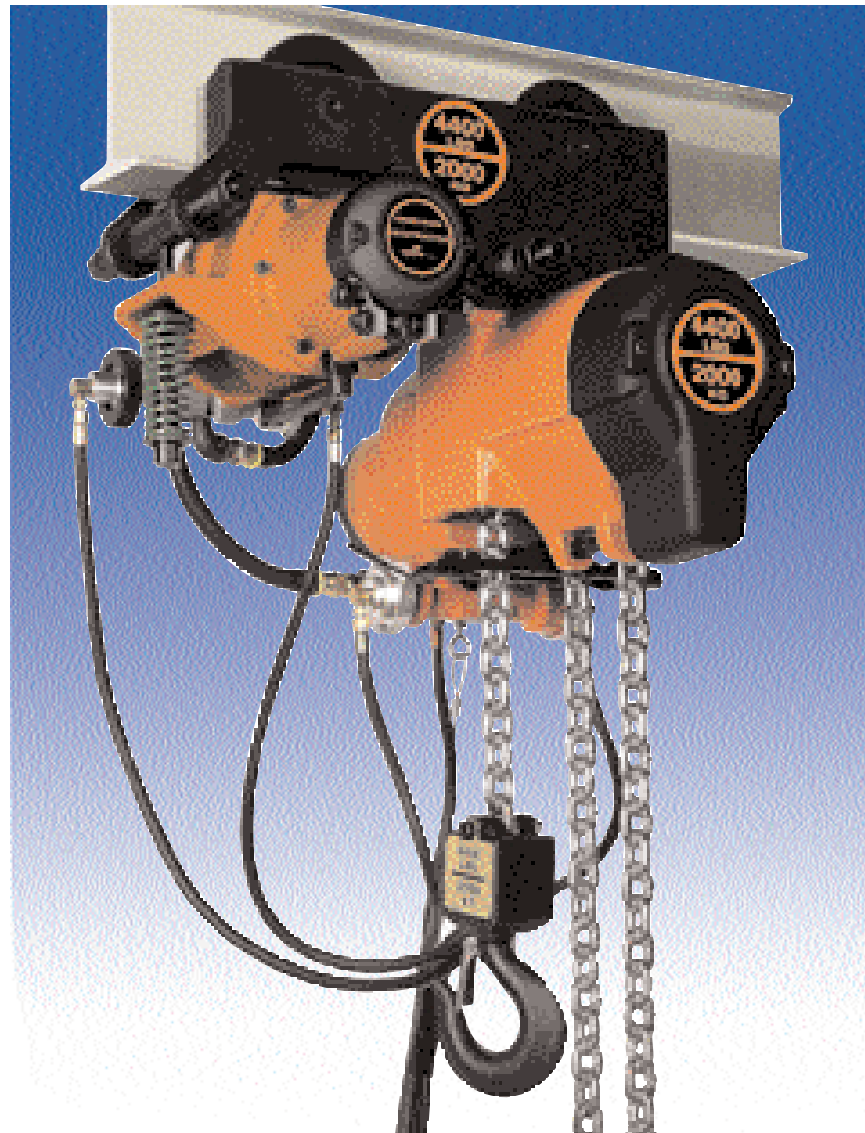
Note: Numbers and letters in parentheses following a Drive Engagement option, represent the Traversing Speed and Drive Wheel Type for which that Drive Engagement option is available.

GARDNER-DENVER®

K1 Series

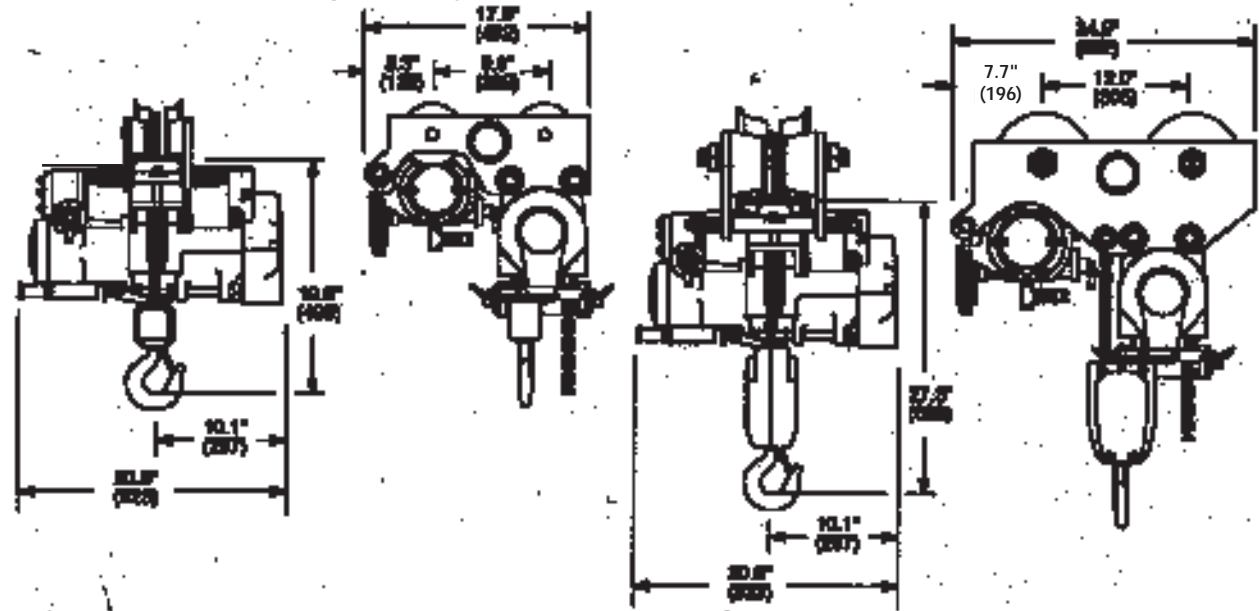
- Capacity:
 2200-8800 lbs.
 1000-4000 kg
- Beam flange width:
 2200 lbs., 3300 lbs., 4400 lbs. cap.
 3.00-6.25 in
 76-159 mm
 6600 lbs., 8800 lbs. cap.
 4.00-6.25 in
 102-159 mm
- Minimum turning radius:
 2200 lbs., 3300 lbs., 4400 lbs. cap.
 60 in
 1254 mm
 6600, 8800 lbs. cap.
 72 in
 1829 mm

- Rotary Vane Air Motor
- Pendant Control
- Link Chain



Single Reeved
 2200 lbs. (1000 kg), 3300 lbs. (1500 kg) &
 4400 lbs. (2000 kg) Capacity

Double Reeved
 6600 lbs. (3000 kg) & 8800 lbs. (4000 kg) Capacity



K1 C A 22 L P E P --- A A A 22

SERIES K1											CAPACITY RATING
TYPE MOUNT C = Combination											11 = 1100 lbs. (22/33/44) 22 = 2200 lbs. (22/33/44) 33 = 3300 lbs. (33/44) 34 = 3300 lbs. (66) 44 = 4400 lbs. (44) 45 = 4400 lbs. (66/88) 66 = 6600 lbs. (66/88) 88 = 8800 lbs. (88)
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease											VINTAGE A
CAPACITY 22 = 2200 lbs. 66 = 6600 lbs. 33 = 3300 lbs. 88 = 8800 lbs. 44 = 4400 lbs.											LOWER HOOK A = Standard Link (22/33/44) B = Bullard Link (22/33/44) C = Standard Link (66/88) D = Bullard Link (66/88) X = No Lower Hook
CHAIN TYPE L = Link											TROLLEY A = 3-6.25" Standard Speed, Tapered (22/33/44) B = 3-6.25" Standard Speed, Flat (22/33/44) C = 3-6.25" Slow Speed, Tapered (22/33/44) D = 3-6.25" Slow Speed, Flat (22/33/44) E = 3-6.25" High Speed, Tapered (22/33/44) F = 3-6.25" High Speed, Flat (22/33/44) G = 4-6.25" Standard Speed, Tapered (66/88) H = 4-6.25" Standard Speed, Flat (66/88) I = 3.25" Standard Speed, NrW (66/88) J = 4-6.25" Slow Speed, Tapered (66/88) K = 4-6.25" Slow Speed, Flat (66/88) L = 3.25" Slow Speed, NrW Flat (66/88) M = 4-6.25" High Speed, Tapered (66/88) N = 4-6.25" High Speed Flat (66/88) O = 3.25" High Speed NrW (66/88)
CONTROL TYPE P = Pendant (w/Hoistactor-4LVR) W = Pendant Ready											AMOUNT OF LIFT --- Specify Length in Feet, 3 digits Example: 10' lift 010
CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = No Control Length											
CHAIN TYPE L = Standard Link P = Zinc Plated Link X = No Chain											



Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.

Model Number	Chain Type	Capacity		Lifting & Lowering Speeds				Traversing Speed		Reeves	Weight	
				Maximum Lift	Maximum Lower	fpm	mpm	fpm	mpm		lbs.	kg
K1CA22LPEP010AAA22	Link	2200	1000	33	10	52	16	69	21	1	325	147
K1CA33LPEP010AAA33	Link	3300	1500	21	6	34	10	67	20	1	325	147
K1CA44LPEP010AAA44	Link	4400	2000	15	5	24	7	65	20	1	325	147
K1CA66LPEP010GCA66	Link	6600	3000	10	3	17	5	57	17	2	390	177
K1CA88LPEP010GCA88	Link	8800	4000	7	2	12	4	50	15	2	390	177

GENERAL:
 Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
 Performance rated at 90 psig (6 bar/620 kPa) air pressure.
 Air Consumption:
 Hoist - 75 cfm (2.12 m³/min.) at rated load.
 Hoistactor - 30 cfm (.8 m³/min.) at rated load.

STANDARD EQUIPMENT:
 Hoist/Hoistactor combination unit with 10 ft. (3.0m) lift
 Pendant Control: 5 ft. (1.5m) hose length

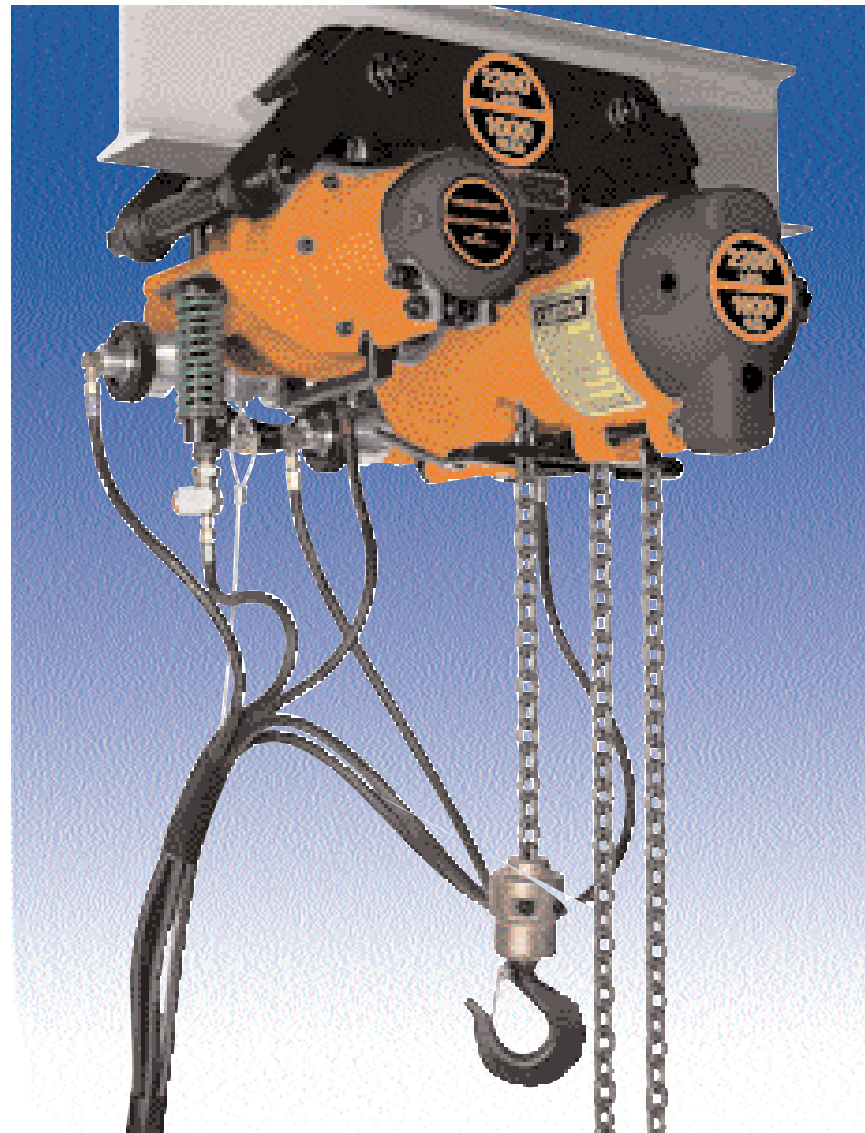
EXTRA EQUIPMENT:
 Chain container - page 53
 Piped exhaust adapter (1/2" NPT) - 500344
 (3/4" NPT) - 536567

GARDNER-DENVER®

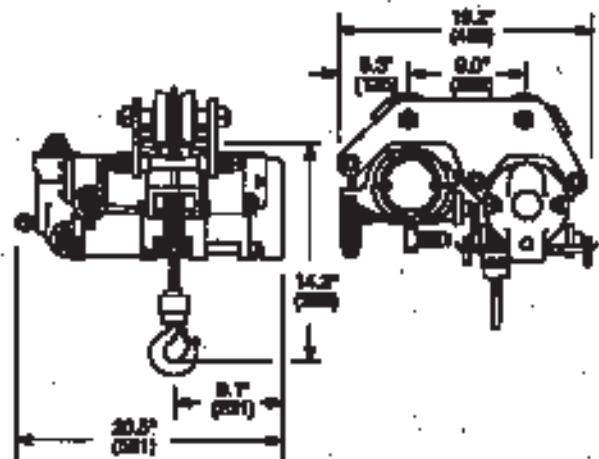
P2 Series

- Capacity:
1100-4400 lbs.
500-2000 kg
- Beam flange width:
3.00-5.25 in
76-133 mm
- Minimum turning radius:
1100 lbs., 1500 lbs., 2200 lbs. cap.
26 in
660 mm
- 3000 lbs., 4000 lbs. cap.
42 in
1067 mm

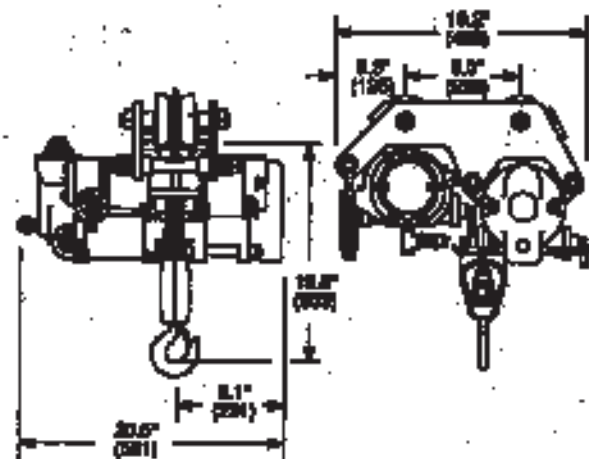
- Axial Piston Air Motor
- Pendant Control
- Link Chain



Single Reeved
1100 lbs. (500 kg), 1500 lbs. (680 kg) &
2200 lbs. (1000 kg) Capacity



Double Reeved
3000 lbs. (1360 kg) & 4400 lbs. (2000 kg) Capacity



P2 C A 11 L P E L --- A A A 11

SERIES
P2

TYPE MOUNT
C = Combination

FEATURES
A = Standard Unit
E = Edible Grease
H = Hi Temp Grease
P = Epoxy Paint
R = Epoxy Paint/Edible Grease
S = Epoxy Paint/Hi Temp Grease

CAPACITY
10 = 1000 lbs. 22 = 2200 lbs.
11 = 1100 lbs. 30 = 3000 lbs.
15 = 1500 lbs. 44 = 4400 lbs.

CHAIN TYPE
L = Link

CONTROL TYPE
P = Pendant (w/Hoistactor-4LVR)
W = None-Pendant Ready

CONTROL LENGTH
E = 5 FT T = 20 FT
J = 10 FT Y = 25 FT
O = 15 FT Z = No Control Length

CHAIN OPTIONS
L = Standard Link
P = Zinc Plated Link
Q = S.R. Link
X = No Chain

AMOUNT OF LIFT
--- Specify Length in Feet, 3 digits
Example: 10' Lift 010

CAPACITY RATING
03 = 300 lbs. (10/11/15)
05 = 500 lbs. (10/11/15)
10 = 1000 lbs. (10/11/15)
11 = 1100 lbs. (10/11/15)
15 = 1500 lbs. (15/22)
20 = 2000 lbs. (22)
22 = 2200 lbs. (22)
30 = 3000 lbs. (30/44)
31 = 1100 lbs. (30)
32 = 2200 lbs. (30/44)
40 = 4000 lbs. (44)
44 = 4400 lbs. (44)

VINTAGE
A

LOWER HOOK
A = Standard (11/22) F = S.R. Bullard (30)
B = Bullard (11/22) G = Standard (44)
C = S.R. Std. (10/15) H = Bullard (44)
D = S.R. Bullard (10/15) X = No Hook
E = S.R. Std. (30)

TRACTOR/TROLLEY
A = 3-5.25" Std. Speed Tapered (11/22/44)
B = 3-5.25" Std. Speed Flat (11/22/44)
C = 3-5.25" Std. Speed S.R. Tapered (10/15/30)
D = 3-5.25" Std. Speed S.R. Flat (10/15/30)
E = 3-5.25" Slow Speed Tapered (11/22/44)
F = 3-5.25" Slow Speed Flat (11/22/44)
G = 3-5.25" Slow Speed S.R. Tapered (10/15/30)
H = 3-5.25" Slow Speed S.R. Flat (10/15/30)
I = 3-5.25" High Speed Tapered (11/22/44)
J = 3-5.25" High Speed Flat (11/22/44)
K = 3-5.25" High Speed S.R. Tapered (10/15/30)
L = 3-5.25" High Speed S.R. Flat (10/15/30)
M = 5-7" Std. Speed Tapered (11/22/44)
N = 5-7" Std. Speed Flat (11/22/44)
O = 5-7" Std. Speed S.R. Tapered (10/15/30)
P = 5-7" Std. Speed S.R. Flat (10/15/30)
Q = 5-7" Slow Speed Tapered (11/22/44)
R = 5-7" Slow Speed Flat (11/22/44)
S = 5-7" Slow Speed S.R. Tapered (10/15/30)
T = 5-7" Slow Speed S.R. Flat (10/15/30)
U = 5-7" High Speed Tapered (11/22/44)
V = 5-7" High Speed Flat (11/22/44)
W = 5-7" High Speed S.R. Tapered (10/15/30)
Y = 5-7" High Speed S.R. Flat (10/15/30)

Note: Numbers in parentheses following an option, represent the hoist capacities for which that option is available.

Model Number	Chain Type	Capacity		Lifting & Lowering Speeds				Traversing Speed		Reeves	Weight	
		lbs.	kg	Maximum Lift (fpm)	Maximum Lower (mpm)	fpm	mpm	fpm	mpm		lbs.	kg
P2CA11LPEL010AAA11	Link	1100	500	34	10	107	33	70	21	1	145	66
P2CA22LPEL010AAA22	Link	2200	1000	17	5	56	17	69	21	1	170	77
P2CA44LPEL010AGA44	Link	4400	2000	9	3	28	9	65	20	2	202	92

Spark Resistant Units

P2CA15LPEQ010CCA15	Link	1500	680	23	7	58	18	70	21	1	170	77
P2CA30LPEQ010CEA30	Link	3000	1360	11	3	26	8	65	20	2	202	92

GENERAL:
Air Inlet: 3/8" NPT (use 5/8" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption:
Hoist - 44 cfm (1.2 m³/min.) at rated load.
Hoistactor - 30 cfm (.8 m³/min) at rated load.

STANDARD EQUIPMENT:
Hoist/Hoistactor combination unit with 10 ft. (3.0m) lift
Pendant Control: 5 ft. (1.5m) hose length

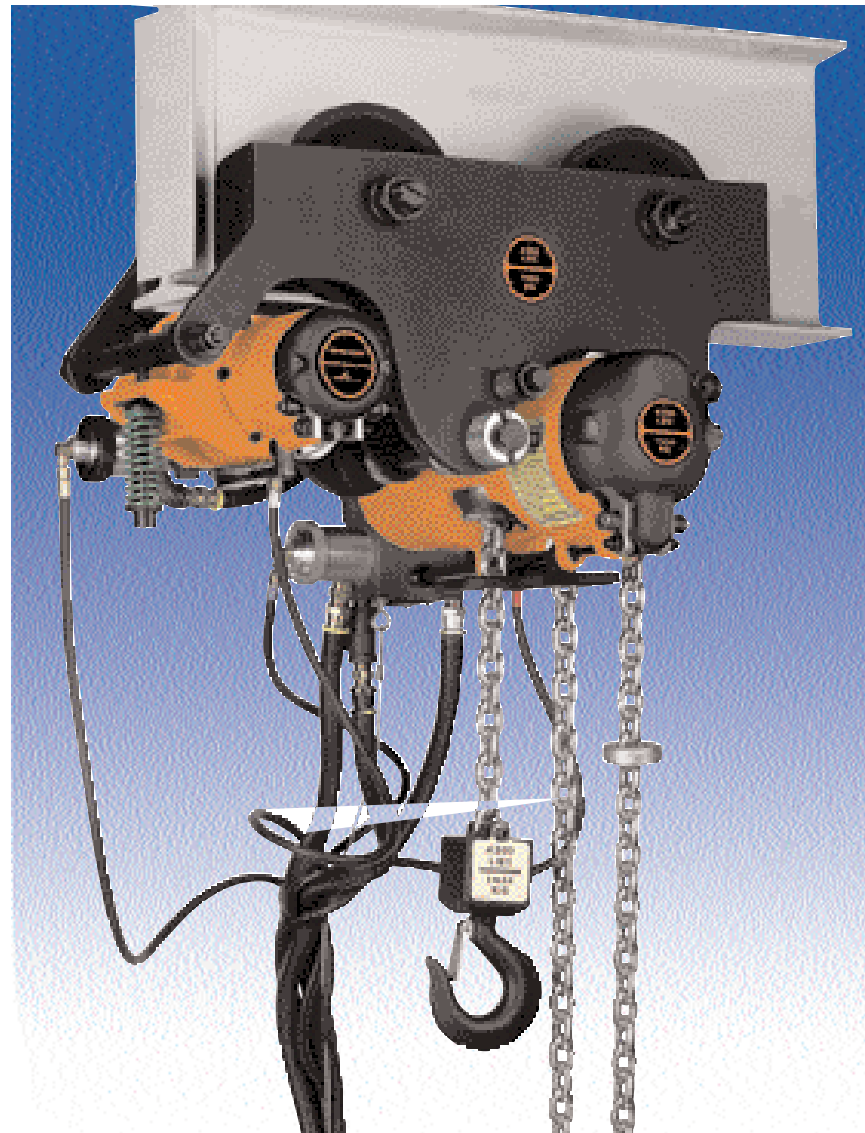
EXTRA EQUIPMENT:
Chain container - page 53
Additional Pendant Control hose lengths (specify when ordering)
Piped exhaust adapter (1/2" NPT) - 500344
(3/4" NPT) - 535779



GARDNER-DENVER®

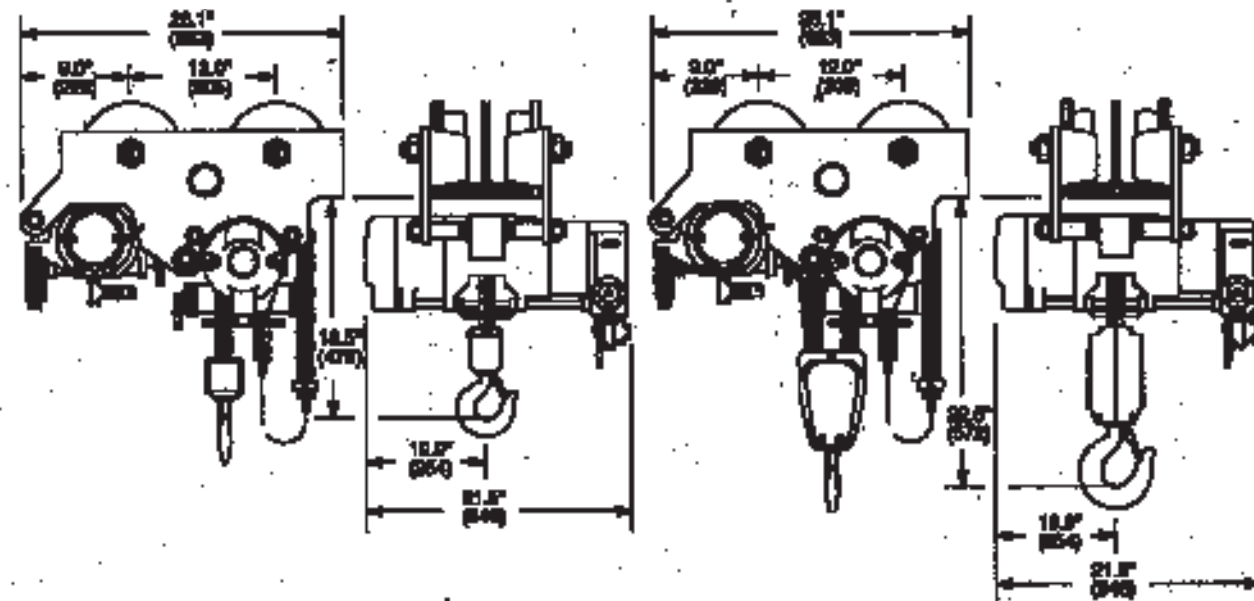
P3 Series

- Capacity:
2200-8000 lbs.
1000-3629 kg
- Beam flange width:
2200 lbs., 4300 lbs. capacity
3.38-6.25 in
86-159 mm
- 8000 lbs. capacity
4.00-6.25 in
102-159 mm
- Minimum turning radius:
2200 lbs., 4300 lbs. capacity
72 in
1829 mm
- 8000 lbs. capacity
72 in
1829 mm
- Axial Piston Air Motor
 - Pendant Control
 - Link Chain



Single Reeved
2200 lbs. (1000 kg) & 4300 lbs. (1950 kg) Capacity

Double Reeved
8000 lbs. (3629 kg) Capacity



SERIES P3											CAPACITY RATING	
TYPE MOUNT C = Combination											11 = 1100 lbs. (22) 20 = 2000 lbs. (22/43) 22 = 2200 lbs. (22/43) 40 = 4000 lbs. (43) 43 = 4300 lbs. (43) 50 = 5000 lbs. (80) 60 = 6000 lbs. (80) 80 = 8000 lbs. (80)	
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease											VINTAGE A	
CAPACITY 22 = 2200 lbs. 43 = 4300 lbs. 80 = 8000 lbs.											LOWER HOOK A = Standard (22/43) B = Bullard (22/43) C = Standard (80) D = Bullard (80) X = No Lower Hook	
CHAIN TYPE L = Link											TROLLEY A = 4-6.25" Standard Speed Tapered (22/43/80) B = 4-6.25" Standard Speed Flat (22/43/80) C = 3.25-3.33" Nrwr Flat (22/43/80) D = 4-6.25" Slow Speed Tapered (22/43/80) E = 4-6.25" Slow Speed Flat (22/43/80) F = 3.25-3.33" Slow Speed Nrwr Flat 922/43/80 G = 4-6.25" High Speed Tapered (22/43/80) H = 4-6.25" High Speed Flat 922/43/80 I = 3.25-3.33" High Speed Nrwr Flat (22/43/80)	
CONTROL TYPE P = Pendant Standard X = None-Pendant Ready											AMOUNT OF LIFT Specify Length in Feet, 3 digits Example: 10' Lift 010	
CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT Y = 25 FT O = 15 FT Z = No Control Length												
CHAIN OPTIONS L = Standard Link P = Zinc Plated Link X = No Chain												



Note: Numbers in parentheses following an option, represent the hoist capabilities for which that option is available.

Model Number	Chain Type	Capacity		Lifting & Lowering Speeds				Traversing Speed		Reeves	Weight	
				Maximum Lift	Maximum Lower	fpm	mpm	fpm	mpm		lbs.	kg
P3CA22LPEP010AAA22	Link	2200	1000	30	9	80	24	69	21	1	325	147
P3CA43LPEP010AAA43	Link	4300	1950	15	5	40	12	65	20	1	325	147
P3CA80LPEP010ACA80	Link	8000	3629	7	2	20	6	55	17	2	365	166

GENERAL:
Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
Performance rated at 90 psig (6 bar/620 kPa) air pressure.
Air Consumption:
Hoist - 83 cfm (2.35 m³/min.) at rated load.
Hoist tractor - 30 cfm (.8 m³/min) at rated load.

STANDARD EQUIPMENT:
Hoist/Hoist tractor combination unit with 10 ft. (3.0m) lift
Pendant Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
Chain container - page 53

Hoist/Hoistractor Combination (Low Headroom)

Hoist/Hoistractor Combination (Low Headroom)

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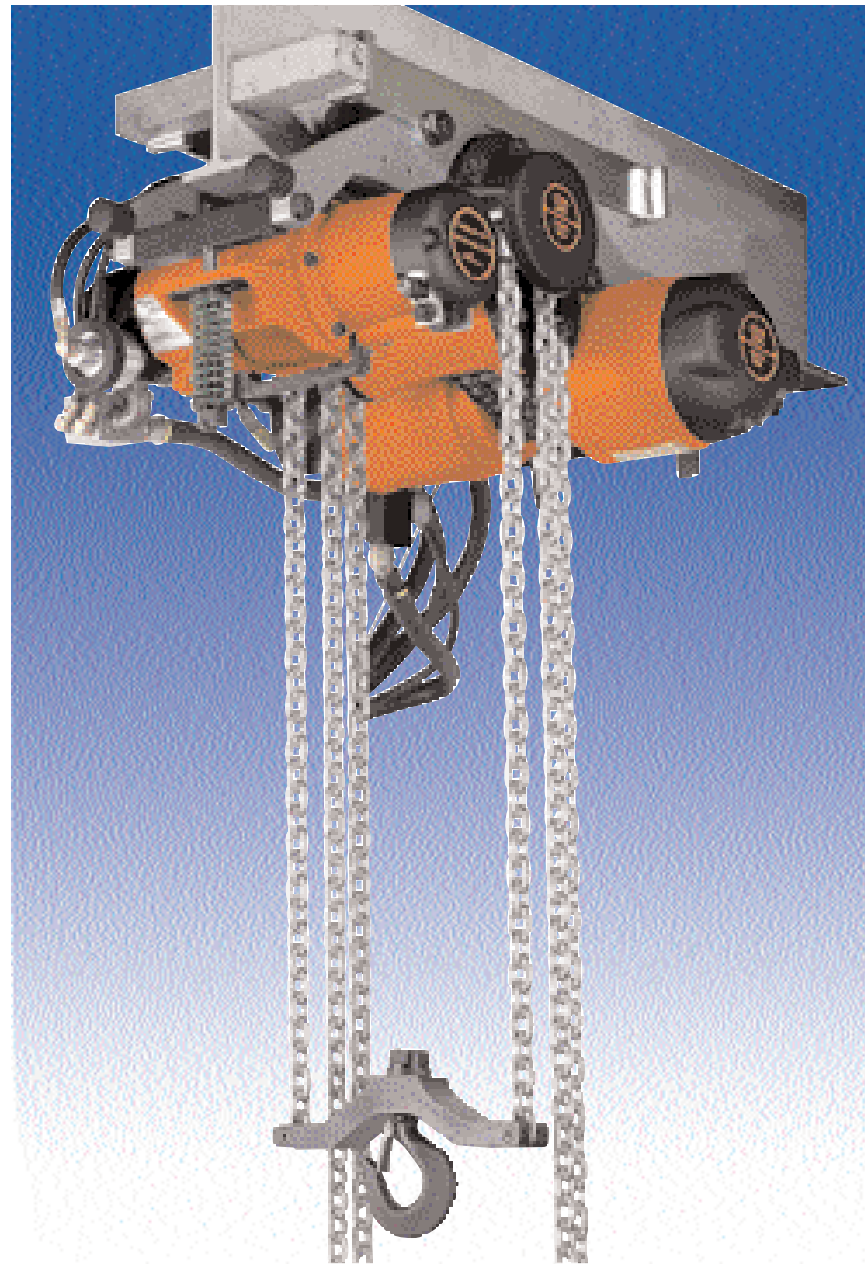
P3 Series

Capacity:
2200-4300 lbs.
1000-1950 kg

Beam flange width:
3.00 - 4.00 in
76 - 102 mm

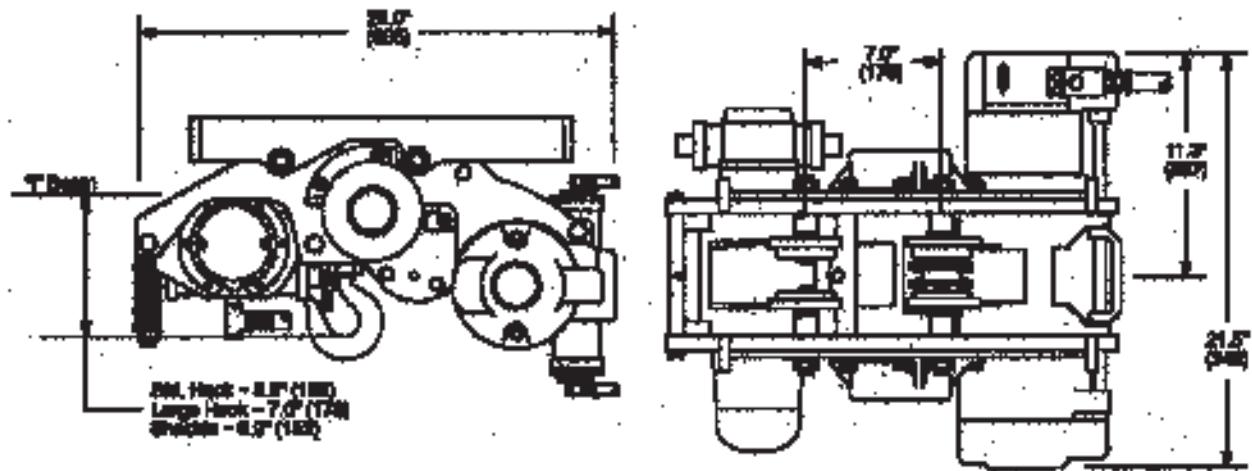
Minimum turning radius:
60 in
1524 mm

- Axial Piston Air Motor
- Pendant Control
- Link Chain



P3 N A 22 L P E P 010 A A A 22

SERIES P3											CAPACITY RATING 10 = 1000 lbs. (22) 15 = 1500 lbs. (22) 20 = 2000 lbs. (22/43) 22 = 2200 lbs. (22/43) 40 = 4000 lbs. (43) 43 = 4300 lbs. (43)
TYPE MOUNT N = Combination Unit (Low Headroom)											VINTAGE A
FEATURES A = Standard Unit H = Hi Temp Grease P = Epoxy Paint S = Epoxy Paint/Hi Temp Grease											LOWER SUPPORT A = Std. Hook (1-1/8" opening) B = Large Hook (1-11/32" opening) C = Shackle (1-1/6" W x 1" H opening)
CAPACITY 22 = 2200 lbs. 43 = 4300 lbs.											TRACTOR/TROLLEY A = STD SPD/Taper (22/43) B = STD SPD/Flat (22/43) D = Slow SPD/Taper (22/43) E = Slow SPD/Flat (22/43) G = Hi-Spd. Taper (22/43) H = Hi-Spd Flat (22/43) I = STD SPD, Taper (22/43) J = STD SPD, Flat (22/43) K = SL SPD, Taper (22/43) L = Slow SPD, Flat (22/43) M = Hi Spd., Taper (22/43) N = Hi Spd, Flat (22/43)
CHAIN TYPE L = Link											AMOUNT OF LIFT Specify Length in Feet, 3 digits Example: 10' Lift 010
CONTROL TYPE P = Pendant Standard											
CONTROL LENGTH E = 5 FT T = 20 FT J = 10 FT X = 24 FT O = 15 FT Z = No Control Length											
CHAIN OPTIONS P = Zinc Plated Link											



Note: Numbers in parentheses following an option, represent the hoist capabilities for which that option is available.

Model Number	Chain Type	Capacity		Lifting & Lowering Speeds				Traversing Speed		Reeves	Weight	
		lbs.	kg	Maximum Lift	Maximum Lower	fpm	mpm	fpm	mpm		lbs.	kg
P3NA22LPEP010AAA22	Link	2200	1000	30	9	80	24	69	21	1	225	102
P3NA43LPEP010AAA43	Link	4300	1950	15	5	40	12	65	20	1	225	102

GENERAL:
 Air Inlet: 1/2" NPT (use 3/4" I.D. Hose)
 Performance rated at 90 psig (6 bar/620 kPa) air pressure.
 Air Consumption:
 Hoist - 83 cfm (2.35 m³/min.) at rated load.
 Hoistractor - 30 cfm (.8 m³/min) at rated load.

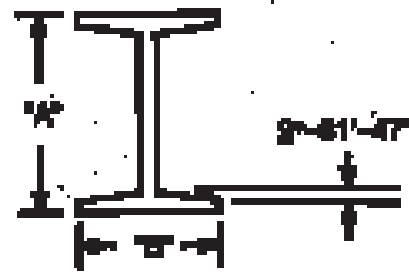
STANDARD EQUIPMENT:
 Hoist/Hoistractor combination unit with 10 ft. (3.0m) lift
 Pendant Control: 5 ft. (1.5m) hose length

EXTRA EQUIPMENT:
 Chain container - page 53

S-Beams



W-Beams



Standard Size Height ("A")		Weight per Foot		Beam Flange width ("B")	
in.	mm	lbs.	kg	in.	mm

American Standard "I" Beam Sizes

4	101.6	7.70	3.49	2.660	67.564
4	101.6	9.50	4.31	2.796	71.018
5	127.0	10.00	4.54	3.000	76.200
5	127.0	14.75	6.69	3.284	83.414
6	152.4	12.50	5.67	3.330	84.582
6	152.4	17.25	7.82	3.565	90.551
7	177.8	15.30	6.94	3.660	92.964
7	177.8	20.00	9.07	3.860	98.044
8	203.2	28.40	8.35	4.000	101.600
8	203.2	23.00	10.43	4.171	105.943
10	254.0	25.40	11.34	4.660	118.364
10	254.0	35.00	15.88	4.944	125.578
12	304.8	31.80	14.06	5.000	127.000
12	304.8	35.00	15.88	5.078	128.981
12	304.8	40.80	18.51	5.250	133.350
12	304.8	50.00	22.68	5.477	139.116
15	381.0	42.90	19.46	5.500	139.700
15	381.0	50.00	22.68	5.640	143.256
18	457.2	54.70	24.81	6.000	152.400
18	457.2	70.00	31.75	6.251	158.775
20	508.0	65.90	29.67	6.250	158.750
20	508.0	75.00	34.02	6.391	162.331
20	508.0	85.00	38.56	7.053	179.146
20	508.0	95.00	43.09	7.200	182.880
24	609.6	79.90	36.24	7.000	177.800
24	609.6	90.00	40.82	7.124	180.950
24	609.6	100.00	45.36	7.247	184.074
24	609.6	105.90	48.04	7.875	200.025
24	609.6	120.00	54.43	8.048	204.419

These charts show common standard beam sizes, weights, and flange widths for both American standard section "I" beams and wide flange shapes (as listed by the American Institute of Steel Construction). Always include beam sizes when ordering trolley hoists.

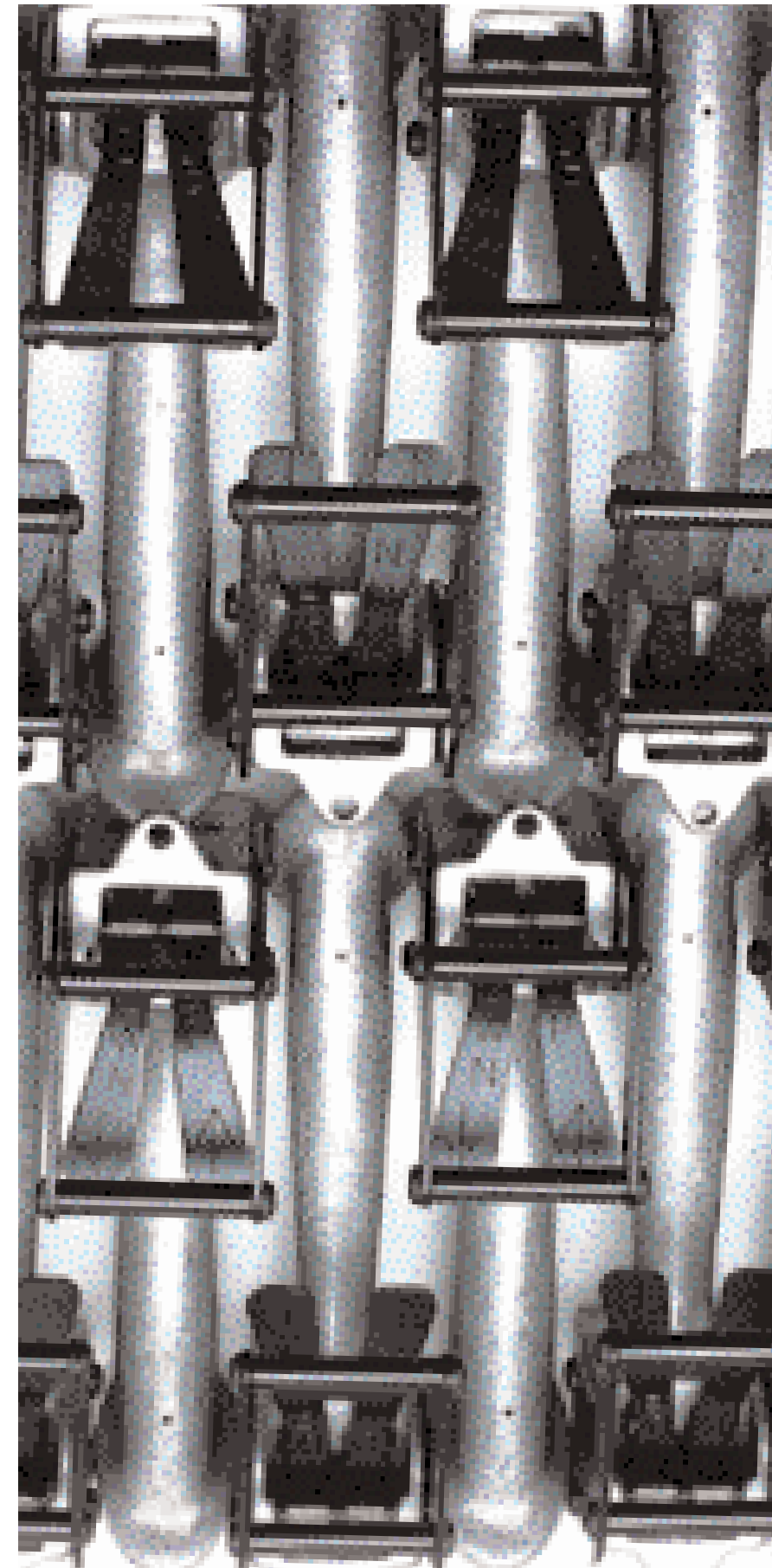
NOTE: Carnegie 24" WF beams of these weights have straight flanges.

*(WF) = Wide Flange

Standard Size Height ("A")		Flange Type*	Weight per Foot		Beam Flange width ("B")	
in.	mm		lbs.	kg	in.	mm

W or Wide Flange "I" Beam Sizes

6	152.4	(B)	10	4.55	3.000	76.200
7	177.8	(B)	12	5.44	3.500	88.900
8	203.2	(WF)	17	7.71	5.250	133.350
8	203.2	(WF)	20	9.07	5.268	133.807
10	254.0	(WF)	21	9.53	5.750	146.050
10	254.0	(WF)	25	11.34	5.762	146.355
10	254.0	(WF)	29	13.15	5.799	147.295
12	302.8	(WF)	21	9.53	6.500	165.100
12	304.8	(WF)	31	14.06	6.525	165.735
12	304.8	(WF)	36	16.33	6.565	166.751
14	355.6	(WF)	30	13.61	6.733	171.018
14	355.6	(WF)	34	15.42	6.750	171.450
14	355.6	(WF)	38	17.24	6.776	172.110
16	406.4	(WF)	36	16.33	6.992	177.597
16	406.4	(WF)	40	18.14	7.000	177.800
16	406.4	(WF)	45	20.41	7.039	178.791
16	406.4	(WF)	50	22.68	7.073	179.654
16	406.4	(WF)	58	26.31	8.464	214.986
16	406.4	(WF)	64	29.03	8.500	215.900
16	406.4	(WF)	71	32.21	8.543	216.992
16	406.4	(WF)	78	35.38	8.586	218.084
18	457.2	(WF)	50	22.68	7.500	190.500
18	457.2	(WF)	55	24.95	7.532	191.313
18	457.2	(WF)	60	27.22	7.558	191.973
18	457.2	(WF)	64	29.03	8.715	221.361
18	457.2	(WF)	70	31.75	8.750	222.250
18	457.2	(WF)	77	34.93	8.787	223.190
18	457.2	(WF)	85	38.56	8.838	224.485
21	533.4	(WF)	62	28.12	8.240	209.296
21	533.4	(WF)	68	30.84	8.270	210.058
21	533.4	(WF)	73	33.11	8.295	210.693
21	533.4	(WF)	82	37.20	8.962	227.635
21	533.4	(WF)	96	43.55	9.038	229.565
24	609.6	(WF)	76	34.47	8.985	228.219
24	609.6	(WF)	84	38.10	9.015	228.981
24	609.6	(WF)	94	42.64	9.061	230.149
24	609.6	(WF)	100	45.36	12.000	304.800
24	609.6	(WF)	110	49.90	12.042	305.867
24	609.6	(WF)	112	50.80	12.068	307.035



Optional Accessories

- Roller Chain Containers52
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Replacement Parts

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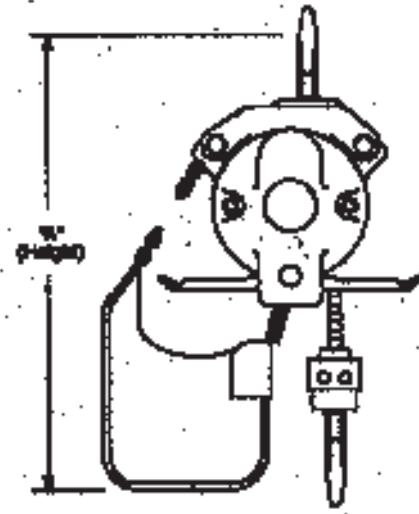
Training61



Roller Chain Containers

How to order a chain container:

1. Identify chain type, hoist series, and hoist capacity for which the chain container is to be used.
2. Determine the required lift and select the applicable part number.



Metal Type Chain Container Shown

Hoist Series	Part Number	Hoist Capacity (lbs.)							
		550 & 1100		2200		550 & 1100		2200	
		Lift				"A" (Height)			
		ft.	M	ft.	M	in.	mm	in.	mm
K5	535028	10	3.0			22.5	572		
K5	535029	20	6.1	10	3.0	30.6	777	31.5	800
K5	*535031	40	12.2	20	6.1	44.8	1138	45.8	1163

Hoist Series	Part Number	Hoist Capacity (lbs.)							
		300, 500 & 1000		2000		300, 500 & 1000		2000	
		Lift				"A" (Height)			
		ft.	M	ft.	M	in.	mm	in.	mm
P1	533664	15	4.6			24.0	610		
P1	533665	25	7.6	12	3.7	32.5	826	33.1	841
P1	533666	40	12.2	20	6.1	42.5	1080	43.1	1095
P1	533667	55	16.8	27	8.2	52.5	1334	53.1	1349

Spark Resistant

P1	A299101	10	3.0			19.8	503		
P1	*A299102	15	4.6			24.0	610		
P1	*A299103	20	6.1			28.3	719		

Hoist Series	Part Number	Hoist Capacity (lbs.)							
		1100 & 2200		4400		1100 & 2200		4400	
		Lift				"A" (Height)			
		ft.	M	ft.	M	in.	mm	in.	mm
P2	533664	12	3.7			27.3	693		
P2	533665	20	6.1	10	3.0	36.8	935	37.3	947
P2	533666	30	9.1	15	4.6	45.8	1163	47.3	1201
P2	533667	40	12.2	20	6.1	55.8	1417	57.3	1455

Chain Container nominal width: 11" (279 mm)
 *Canvas type chain container
 •Available on quotation basis only.



Link Chain Containers

Hoist Series	Part Number	Hoist Capacity (lbs.)							
		550 & 1100		2200		550 & 1100		2200	
		Lift				"A" (Height)			
		ft.	M	ft.	M	in.	mm	in.	mm
K5	535302	25	7.6	12	3.7	21.7	551	22.5	572
K5	527410*	30	9.1	15	4.6	20.0	508	20.9	531
K5	535304	45	13.7	22	6.7	26.3	668	27.3	693
K5	527277*	60	18.3	30	9.1	40.0	1016	40.9	1039
K5	535306	65	19.8	32	9.8	32.3	820	32.3	820

Chain Container nominal width: Metal type: 8.5" (216 mm)
 Canvas type: 4.3" (109 mm)

Hoist Series	Part Number	Hoist Capacity (lbs.)									
		2200, 3300 & 4400		6600 & 8800		2200		3300 & 4400		6600 & 8800	
		Lift				"A" (Height)					
		ft.	M	ft.	M	in.	mm	in.	mm	in.	mm
K1	532275*	20	6.1	10	3.0	27.7	704	28.4	721	31.8	808
K1	534907	20	6.1	10	3.0	28.6	726	29.3	744	32.6	828
K1	532276*	30	9.1	15	4.6	32.7	831	33.4	848	36.8	935
K1	532277*	40	12.2	20	6.1	37.7	958	38.4	975	41.8	1062
K1	534908	40	12.2	20	6.1	33.6	853	34.3	871	37.6	955
K1	534909	60	18.3	30	9.1	37.7	958	38.4	975	41.8	1062
K1	535070	80	24.4	40	12.2	43.7	1110	44.4	1128	47.8	1214
K1	539797	95	29.0	47	14.3	47.2	1199	47.9	1217	51.3	1303

Hoist Series	Part Number	Hoist Capacity (lbs.)							
		300, 500 & 1000		2000		300, 500 & 1000		2000	
		Lift				"A" (Height)			
		ft.	M	ft.	M	in.	mm	in.	mm
P1	A25190	12	3.7	-	-	17.2	437	-	-
P1	533521	30	9.1	15	4.6	19.3	490	19.9	505
P1	539415*	30	9.1	15	4.6	18.6	472	19.2	589
P1	533523	50	15.2	25	7.6	24.0	610	24.6	625
P1	539416*	60	18.3	30	9.1	24.6	625	25.2	640
P1	533520	15	4.6	-	-	17.1	434	-	-
P1	533525	70	21.3	35	10.7	29.0	737	29.6	752

Hoist Series	Part Number	Hoist Capacity (lbs.)							
		1100 & 2200		4400		1100 & 2200		4400	
		Lift				"A" (Height)			
		ft.	M	ft.	M	in.	mm	in.	mm
P2	533520	14	4.3	-	-	20.2	513	-	-
P2	533521	20	6.1	10	3.0	22.4	569	23.9	607
P2	539415*	25	7.6	12	3.7	21.7	551	23.2	589
P2	533523	40	12.2	20	6.1	27.1	688	28.6	726
P2	539416*	40	12.2	20	6.1	27.7	704	29.2	742
P2	533525	60	18.3	30	9.1	32.1	815	33.6	853

Spark Resistant

P2	533527	20	6.1	10	3.0	22.4	569	23.9	607
P2	533529	40	12.2	20	6.1	27.1	688	28.6	726
P2	*533531	60	18.3	30	9.1	32.1	815	33.6	853

Hoist Series	Part Number	Hoist Capacity (lbs.)							
		2200 & 4300		8000		2200 & 4300		8000	
		Lift				"A" (Height)			
		ft.	M	ft.	M	in.	mm	in.	mm
P3	516648*	20	6.1	10	3.0	28.0	711	31.4	798
P3	537490	20	6.1	10	3.0	29.0	737	32.4	823
P3	516611*	30	9.1	15	4.6	33.0	838	35.4	899
P3	*516649*	40	12.2	20	6.1	38.0	965	40.4	1026
P3	537491	40	12.2	20	6.1	34.0	864	37.4	950
P3	*537492	60	18.3	30	9.1	40.0	1016	43.4	1102

P3 Low Headroom

P3	533591*	20	6.1			16.0	406		
P3	533592*	40	12.1			19.5	495		

Chain Container nominal width: K1 Series: 7.5" (191 mm)
 P1, P2, P3 Series: 8.5" (216 mm)

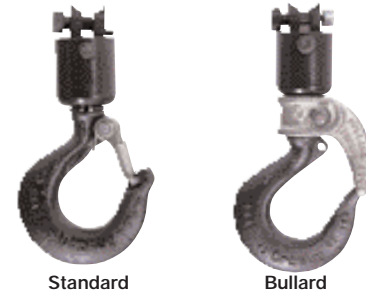
*Canvas type Chain Container
 •Available on quotation basis only.



Hooks

How to order a hook:

1. Identify hoist series and capacity for which hooks are to be used.
2. Determine chain type and required hook opening.
3. Determine chain type or latch/gate replacement.
4. Select hook and the applicable part number.



WARNING: Failure to use the proper hook may result in operator injury or damage to the workpiece.

Hoist Capacity (lbs.)	*Hook Type	Hook Opening (inches)	Link Chain			Roller Chain			Latch/Gate Replacement		
			Upper Hook	Lower Hook	Lower Hook Asm.	Upper Hook	Lower Hook	Lower Hook Asm.	Crosby (old)	Crosby (new)	Bullard Gate Kit

Hoist Series 7

275	STD	7/8		532361					507523	542390	
275	STD	15/16	540831						540832	540832	

Hoist Series K5

550/1100	STD	1-1/8	523386			523386			A27352		
550/1100	STD	15/16		530222			530222		A27305	540832	

550/1100	B	1-1/32		529455			529455				526566
2200	STD	1-1/8	523385	523443	523390	523385	A26061	•534932	A27352	542388	
2200	B	1-1/4	526331	526327	526326	526331	A29919	•535092			526567

Hoist Series K1

2200	STD	1-11/32	528710	531008	531852				507938	542386	
2200	B	1-1/2	531763	531766	531768						528618
3300	STD	1-11/32	528710	531008	531853				507938	542386	
3300	B	1-1/2	531763	531766	531769						528618
4400	STD	1-11/32	528710	531008	531854				507938	542386	
4400	B	1 1/2	531763	531766	531770						526618
6600	STD	1-11/16	530232	530228	530371				516719	542389	
6600	B	1-7/8	•531764	531767	531773						528618
8800	STD	1-11/16	530232	530228	530362				516719	542389	
8800	B	1-7/8	•531764	531767	•531774						528618

Hoist Series P1

300/500/1000	STD**	7/8		505437					507523	542390	
300/500/1000	STD	15/16	539500	A20705S		539500	A10781S		A27305	540832	
500	SR	15/16	539557			539557	A17247S		A27305		
300/500/1000	B	1-1/32	539558	A29935		539558	A29934				526566
2000	STD	1-1/8	500374	A26061	AA27103	500374	A26061	•AA26061	A27352	542388	
1000	SR	1-1/8							A27352	542406	
2000	B	1-1/4	•505109	A29919	•AA30728	•505109	A29919	•AA29919			526567

Hoist Series P2

1100/2200	STD	1-1/8	541145	532074	533196	541145	532074	533197	A27352	542388	
1100/2200	B	1/14	541146	533167	533192	•533163	533167	533193			526567
1500	SR	1-1/8	541189	532146	533490				A27352	542406	
1500	B/SR	1-1/4	533188	533170	533194						526567
3000	SR	1-11/32	542355	532194	532156				507938	542407	
3000	B/SR	1-1/2	•542356	533156	•533157						528618
4400	STD	1-11/32	542378	532177	532155	532164	532177	•532162	507938	542386	
4400	B	1-1/2	542342	•533153	533154	•533160	•533155	•533155			528618

Hoist Series P3

2200	STD	1-11/32	531129						507938	542386	
2200	STD	1-11/32		531008					507938	542386	
2200	B	1-1/2	537266	531766	531768						528618
4300	STD	1-11/32	531129	531008	531776				507938	542386	
4300	B	1-1/2	537266	531766							528618
8000	STD	1-11/16	531874	530228	531085				516719	542389	
8000	B	1-7/8	537266	531767	•531775						528618

*B = Bullard; SR = Spark Resistant; STD = Standard **Trolley Mounted Only
•Available on quotation basis only.



Auxiliary Cable
(Backup Suspension for Hook and Lug Mounted Units)

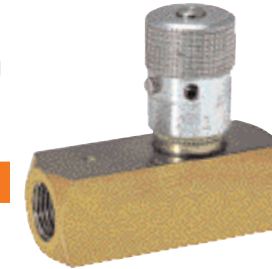
Used with "Hook" and "Lug" mounted hoists. Cable inserts through a hole in hoist housing (K5, K1, P1 Models) or through the hook bracket (P2, P3 Models) and around the "I" beam or other support. The auxiliary cable is capable of supporting the hoist and hoist rated load weight.

Hoist Series	Hoist Capacity	Part Number
K5	All	520277
K1	2200, 3300	520277
K1	4400, 6600, 8800	520277 & •A19791
P1	All	•520276
P2	1100, 1500, 2200, 3000	520277
P2	4400	520277 & •A19791
P3	2200	520277
P3	4300, 8800	520277 & •A19791

Flow Control Valve

Reduces lifting, lowering, or traversing speeds (used with P1 & TA models).

Part Number	Description
502905	3/8" NPT (inlet)



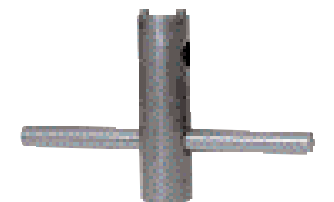
Air Pressure Gage Kit

Part Number	Description
A13157	Gage, needle, cap & case



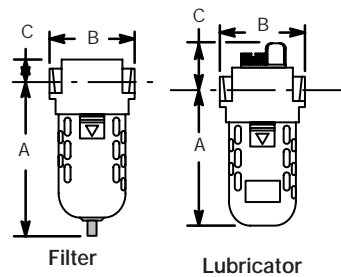
Service Tools

Hoist Model	Part No.	Description
P1	525209	Valve Guide
P2	525208	Valve Guide



Filters, Lubricators

Modular Construction



Modular Sleeve & Bracket (with O-Ring)

Model: MS-102
 Combination sleeve/wall mounting bracket as shown. Designed for mounting a single unit or combination of units directly to the wall. The sleeve and mounting bracket can be ordered assembled at the factory, or just the mounting bracket alone to be used on existing modular sleeves.



Model Number	NPT	Air Flow		Bowl Capacity		"A"		"B"		"C"	
	in.	SCFM	m ³ /min	oz.	liter	in.	mm	in.	mm	in.	mm

Filters											
F02-M	1/4	35	9.9	5.0	0.15	5.6	142	3.0	76	0.9	23
F03-M	3/8	44	12.9	5.0	0.15	5.6	142	3.0	76	0.9	23

Lubricators - Economist (Standard Mist)											
L03-EP	3/8	48	6.2	5.0	0.15	4.8	122	3.0	76	1.6	41

Lubricants

Part Number	Size	Description	M.S.D.S. No.
-------------	------	-------------	--------------

Oils			
540397	1 qt. plastic	Air Line Oil	CPT-153
533485	1 gal. metal	Air Line Oil	CPT-153
536333	1 gal. metal	High Film Strength Air Line Oil	CPT-154
535577	8 oz. tube	Hoist Chain Oil	CPT-152

Greases			
A123771	16 oz. can	Piston Hoist Motor (P1, P2, P3). Hoistractor (TA)	CPT-142
518569	12 oz. can	Edible Grease	CPT-150
525430	16 oz. can	Hoist and Hoistractor Gearing	CPT-143
540450	16 oz. can	High Temp Grease for Piston Hoists (P1, P2, P3)	CPT-151

NOTE:

Under normal conditions of use, lubrication products sold separately for or used within these tools should not cause an exposure hazard. Refer to the Material Safety Data Sheet (M.S.D.S.) for Safety and Disposal Information. M.S.D.S. sheets shown in the above chart are available upon request from Cooper PowerTools.



Hoist/Hoistractor Series	Drops Per Minute
Air Line Lubrication	
7	4 to 5
K5	8 to 10
K1	8 to 10
P1 & TA	3 to 4
P2	5 to 7
P3	8 to 10

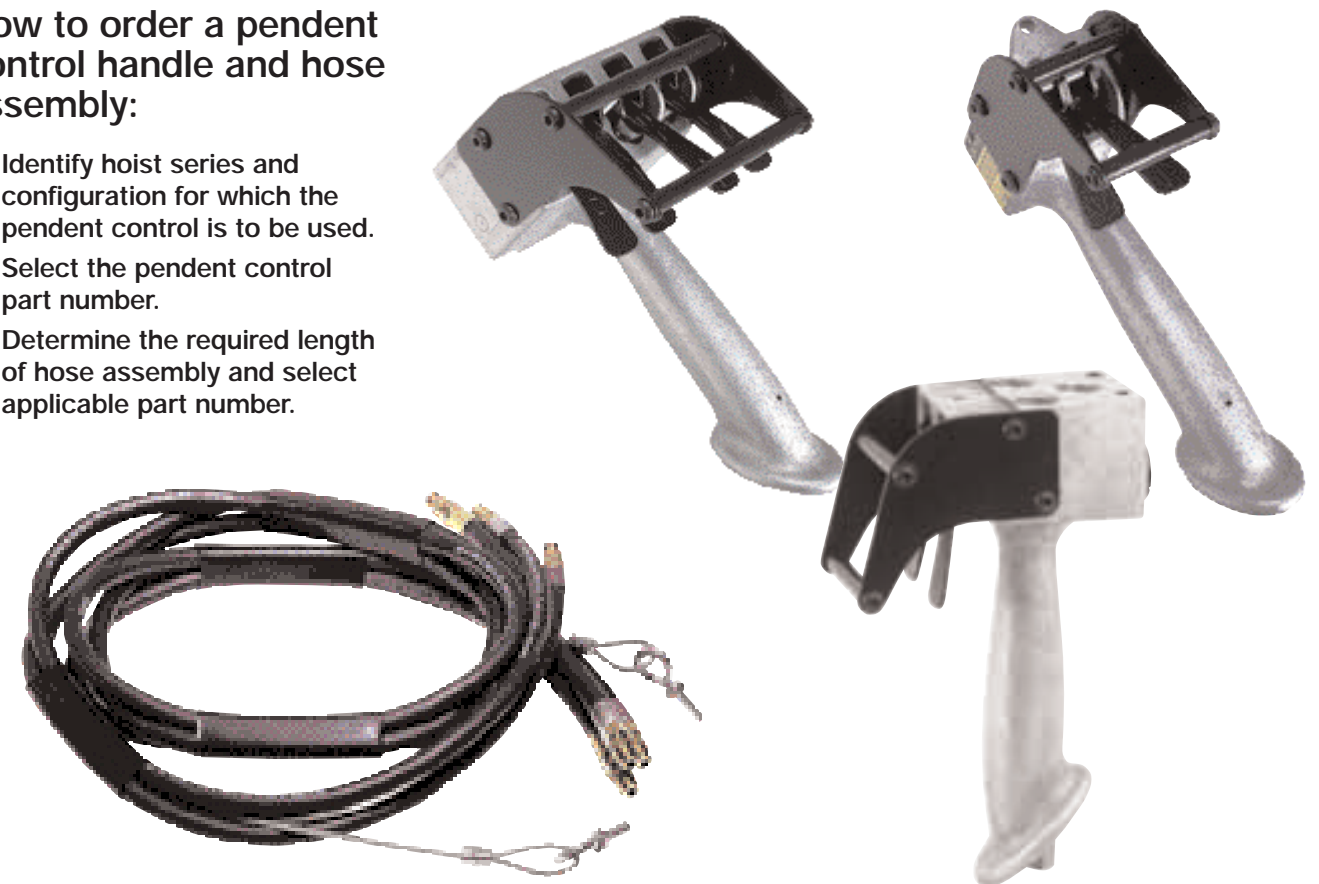
LUBRICATION:

The recommended drops per minute (shown in the Air Line Lubrication table at the left) is for use with Cooper PowerTools' Economist Lubricators. Use 540397, 533485, or 536333 air line oil.

Pendent Control Handles and Hose Assemblies

How to order a pendent control handle and hose assembly:

1. Identify hoist series and configuration for which the pendent control is to be used.
2. Select the pendent control part number.
3. Determine the required length of hose assembly and select applicable part number.



Hoist Configuration	Pendent Control Handles					Pendent Control Hose Assemblies						
	No. of Levers	Part No.	Lever Controls					5 ft. (1.5m)	10 ft. (3.0m)	15 ft. (4.6m)	20 ft. (6.1m)	25 ft. (7.6m)
			Up	Dn	Fd	Rv	**					

Hoist Series K5												
Standard Unit (Standard Control)	2	540119	1	1				526150	526151	526152	526164	529384
Standard Unit (2 Hoist Control)	4	541565	2	2				526170	526171	526172	526175	526176
Standard Unit with Hoistractor	4	539844	1	1	1	1		526170	526171	526172	526175	526176
Standard Unit with Hoistractor (Free Wheel to Positive Drive)	5	539855	1	1	1	1	1	528220	528221	528222	542299	528223
Standard Unit with Hoistractor (Positive Drive to Free Wheel)	5	540181	1	1	1	1	1	528220	528221	528222	542299	528223

Hoist Series K1												
Standard Unit (Standard Control)	2	540119	1	1				526150	526151	526152	526164	529384
Standard Unit (2 Hoist Control)	4	541565	2	2				526170	526171	526172	526175	526176
Standard Unit with Hoistractor	4	539844	1	1	1	1		526170	526171	526172	526175	526176
Standard Unit with Hoistractor (Free Wheel to Positive Drive)	5	539855	1	1	1	1	1	528220	528221	528222	542299	528223
Standard Unit with Hoistractor (Positive Drive to Free Wheel)	5	540181	1	1	1	1	1	528220	528221	528222	542299	528223
Combination Unit (Hoist/Hoistractor) with Bridge Crane Hoistractor	6	539860	1	1	2	2		539065	539066	539067		539458
Combination Unit (Hoist/Hoistractor) with Bridge Crane Axial Piston Motor (A2, A6, A8, or B4 Series)	6	539858	1	1	2	2		522911	519306	519307	522928	522824

**Contact Application Specialist

NOTE: To order other hose lengths contact the factory.

NOTE: Hose lengths longer than 25 feet (7.6m) require Quick Exhaust Valves as part of the hose assembly for K5, K1, P2 and TA.

NOTE: To order other hose lengths contact the factory. Hose lengths longer than 25 feet (7.6m) require Quick Exhaust Valves as part of the pendent control handles (539754 valve stem). These handles are also used with hose lengths longer than 30 feet for K5, K1, P1, P2 and TA.

***Axial Piston Motors require (2) Quick Exhaust Valves, contact factory.

Pendent Control Handles and Hose Assemblies

Hoist Configuration	Pendent Control Handles						Pendent Control Hose Assemblies					
	No. of Levers	Part No.	Lever Controls					5 ft. (1.5m)	10 ft. (3.0m)	15 ft. (4.6m)	20 ft. (6.1m)	25 ft. (7.6m)
			Up	Dn	Fd	Rv	**					
Hoist Series P1												
Standard Unit (Standard Control)	2	540119	1	1			526150	526151	526152	526164	529384	
Standard Unit (2 Hoist Control)	4	541565	2	2			526170	526171	526172	526175	526176	
Standard Unit with Hoistractor	4	539844	1	1	1	1	526170	526171	526172	526175	526176	
Standard Unit with Hoistractor (Free Wheel to Positive Drive)	5	539855	1	1	1	1	528220	528221	528222	542299	528223	
Standard Unit with Hoistractor (Positive Drive to Free Wheel)	5	540181	1	1	1	1	528220	528221	528222	542299	528223	
Hoist Series P2												
Standard Unit (Standard Control)	2	540119	1	1			526150	526151	526152	526164	529384	
Standard Unit (2 Hoist Control)	4	541565	2	2			526170	526171	526172	526175	526176	
Standard Unit with Hoistractor	4	539844	1	1	1	1	526170	526171	526172	526175	526176	
Standard Unit with Hoistractor (Free Wheel to Positive Drive)	5	539855	1	1	1	1	528220	528221	528222	542299	528223	
Standard Unit with Hoistractor (Positive Drive to Free Wheel)	5	540181	1	1	1	1	528220	528221	528222	542299	528223	
Combination Unit (Hoist/Hoistractor) with Bridge Crane Hoistractor	6	539860	1	1	2	2	539065	539066	539067		539458	
Combination Unit (Hoist/Hoistractor) with Bridge Crane Axial Piston Motor (A2, A6, A8, or B4 Series)***	6	539858	1	1	2	2	522911	519306	519307	522928	522824	
Hoist Series P3												
Standard Unit (Standard Control)	2	540117			1	1	513549	513550	513551	516696	523360	
Standard Unit with Hoistractor	4	539856	1	1	1	1	522911	519306	519307	522948	522824	
Combination Unit (Hoist/Hoistractor)	4	539856	1	1	1	1	522911	519306	519307	522948	522824	
Low Headroom	4	539856	1	1	1	1	518504	518505	518506	518575	539788	
Hoist Series TA												
Standard Unit	2	540120			1	1	526150	526151	526152	526164	529384	
Standard Unit (Free Wheel to Positive Drive with coast down)	2	539854			1	1	526150	526151	5261521	526164	529384	
Standard Unit (Free Wheel to Positive Drive)	3	539854			1	1	531111	531112	531113	531114	542266	
Standard Unit (Positive Drive to Free Wheel)	3	539847			1	1	531111	531112	531113	531114	542266	
Standard Unit with Existing Hoist (K5, K1, P1, or P2)	4	539844	1	1	1	1	526170	526171	526172	526175	526176	
Standard Unit with Existing Hoist (K5, K1, P1, or P2): (Free Wheel to Positive Drive with coast down)	4	539844	1	1	1	1	526170	526171	526172	526175	526176	
Standard Unit with Existing Hoist (P3)	4	539856	1	1	1	1	522911	519306	519307	522948	522824	
Standard Unit (Positive Drive to Free Wheel) with Existing Hoist (K5, K1, P1, or P2)	5	540181	1	1	1	1	528220	528221	528222	542299	528223	
Standard Unit (Free Wheel to Positive Drive) with Existing Hoist (K5, K1, P1, or P2)	5	539855	1	1	1	1	528220	528221	528222	542299	528223	
Axial Piston Motor												
A2 Motor*	2	506151			1	1	506136	506138	506140			
B4 Motor*	2	506152			1	1	506136	506138	506140			
A6 Motor*	2	506153			1	1	506496	506498	506500			
A8 Motor*	2	506154			1	1	506496	506498	506500			
A2 Motor with Hoist*	4	506147	1	1	1	1	513549	513550	513551			
B4 Motor with Hoist*	4	506148	1	1	1	1	513549	513550	513551			
A6 Motor with Hoist*	4	506149	1	1	1	1	513549	513550	513551			
A8 Motor with Hoist*	4	506148	1	1	1	1	513549	513550	513551			

*Includes (2) quick exhaust valves and all necessary fittings.

**Contact Application Specialist

NOTE: To order other hose lengths contact the factory. Hose lengths longer than 25 feet (7.6m) require Quick Exhaust Valves as part of the pendent control handles (539754 valve stem).

These handles are also used with hose lengths longer than 30 feet for K5, K1, P1, P2 and TA.

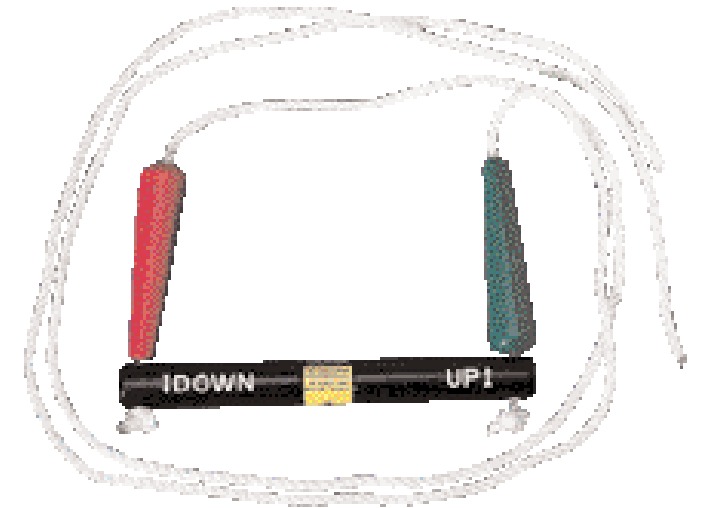
***Axial Piston Motors require (2) Quick Exhaust Valves, contact factory.

*Available on quotation basis only.

Rope Control Assembly

Rope Control assembly includes two (2) ropes, two (2) handles and one (1) connecting bar.

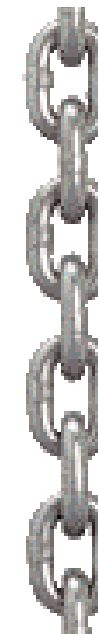
Part Number	Description
A108886	Rope Control Assembly 6 ft. Length.



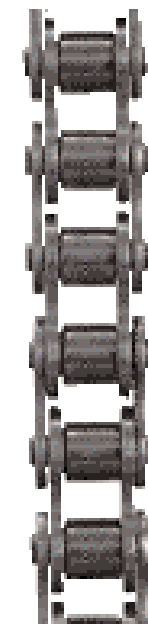
Chain (specify length required in feet when ordering)

Part Number	Chain Type
Hoist Series 7	
532394	Link
Hoist Series K5	
522893	Link
536462	Link (Zinc Plated)
10356	Roller
Hoist Series K1	
513131	Link (Zinc Plated)
542040	Standard Link
Hoist Series P1	
20676	Link
31445	Link (Zinc Plated)
10356	Roller
17265	Spark Resistant Roller (Stainless)
Hoist Series P2	
20592	Link
29962	Link (Zinc Plated)
541397	Spark Resistant Link (Stainless)
11532	Roller
17266	Spark Resistant Roller (Stainless)
Hoist Series P3	
513131	Link (Zinc Plated)
507245	Link (Zinc Plated Low Headroom)
542040	Standard Link

Link Chain



Roller Chain



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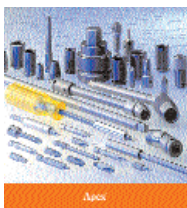
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