

## Door Closers

<b>STANLEY Commercial Hardware</b> <b>QDC100 Series Grade 1 Extra</b> <b>Heavy Duty Closer</b> <b>VS</b> <b>Yale 4400 Series</b>	 <b>STANLEY</b> Commercial Hardware	 <b>ASSA ABLOY</b> 
Certification	STANLEY QDC100	Yale 4400 Series
Certified BHMA/ANSI A156.2 Series Grade 1	Yes	Yes
UL 3-Hour Fire Rated	Yes	Yes
UL 10B	Yes	Check with Manufacturer
UL 10C	Yes	Yes
ADA Compliant	Yes	Yes
Warranty	STANLEY QDC100	Yale 4400 Series
Finish Warranty	3-year	None
Mechanical Warranty	Lifetime	25-Year
Size & Construction	STANLEY QDC100	Yale 4400 Series
Door Weights & Sizes	1-6 Standard	1-6 Standard
Handing	Non- Handed	Non-Handed
Closer Material	Cast-Iron	Cast Aluminum Alloy
Piston Diameter	1 1/2" Steel	1 1/2"
Pinion Shaft Diameter & Construction	17.9 mm Cold Forged	15.9 mm Small Teeth; Broached
Main Arm Material	Forged Steel	Stamped Steel
Regulating Valves	V-Slot, Staked	V-Slot
Pressure Relief Valves	No	Optional
Valve Adjustment	Hex Key	Hex Key
Backcheck	Yes	Yes
Closer Fluid	All Weather	All Weather
Installation & Finishes	STANLEY QDC100	Yale 4400 Series
Finishes	689, 690, 696	600, 689,690, 691, 693, 694,696
Metal & Wood Fasteners	Yes	Yes
Self Drilling & Tapping Fasteners	Optional	Yes
Plastic Cover	Yes	Yes
Metal Cover	Optional	Optional
Options	STANLEY QDC100	Yale 4400 Series
Heavy Duty Arms	Yes	Yes
Delayed Action	Included as Standard	Yes
Thru-Bolts	Yes	Yes
Tri-Pack Arms	Yes	Yes




This is a general comparison of like products. Consult Manufacturer Catalog for Detail and Accuracy

## Door Closers

<b>STANLEY Commercial Hardware QDC100 Series Grade 1 Extra Heavy Duty Closer VS Falcon SC70 Series</b>	 <b>STANLEY</b> Commercial Hardware	  <b>FALCON</b>
<b>Certification</b>	STANLEY QDC100	Falcon SC70 Series
ANSI/BHMA Certified Grade 1	Yes	Yes
UL 3-Hour Fire Rated	Yes	Yes
UL 10B	Yes	No
UL 10C	Yes	Yes
ADA Compliant	Yes	Yes
<b>Warranty</b>	STANLEY QDC100	Falcon SC70 Series
Finish Warranty	3-year	None
Mechanical Warranty	Lifetime	10-Year
<b>Size &amp; Construction</b>	STANLEY QDC100	Falcon SC70 Series
Door Weights & Sizes	1-6 Standard	1-6 Standard
Handing	Non- Handed	Non-Handed
Closer Material	Cast-Iron	Cast Aluminum
Piston Diameter	1 1/2"	5/8"
Pinion Shaft Diameter & Construction	17.9 mm Cold Forged	Heat treated Forged Steel
Main Arm Material	Forged Steel	Steel
Regulating Valves	V-Slot, Staked	Staked
Pressure Relief Valves	No	No
Valve Adjustment	Hex Key	Hex Socket
Backcheck	Yes	Yes
Closer Fluid	All Weather	All Weather
<b>Installation &amp; Finishes</b>	STANLEY QDC100	Falcon SC70 Series
Finishes	689, 690, 696	689, 695
Metal & Wood Fasteners	Yes	Yes
Self Drilling & Tapping Fasteners	Optional	Yes
Plastic Cover	Yes	Yes
Metal Cover	Optional	No
<b>Options</b>	STANLEY QDC100	Falcon SC70 Series
Heavy Duty Arms	Yes	Yes
Delayed Action	Included as Standard	Optional
Thru-Bolts	Yes	Yes
Tri-Pack Arms	Yes	Yes



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<b>STANLEY Commercial Hardware</b> <b>QDC100 Series Grade 1 Extra</b> <b>Heavy Duty Closer</b> <b>VS</b> <b>Hager 5100 Series</b>	 <b>STANLEY</b> Commercial Hardware	 
<b>Certification</b>	<b>STANLEY QDC100</b>	<b>Hager 5100 Series</b>
ANSI/BHMA Certified Grade 1	Yes	Yes
UL 3-Hour Fire Rated	Yes	Yes
UL 10B	Yes	Yes
UL 10C	Yes	Yes
ADA Compliant	Yes	Yes
<b>Warranty</b>	<b>STANLEY QDC100</b>	<b>Hager 5100 Series</b>
Finish Warranty	3-year	None
Mechanical Warranty	Lifetime	Lifetime
<b>Size &amp; Construction</b>	<b>STANLEY QDC100</b>	<b>Hager 5100 Series</b>
Door Weights & Sizes	1-6 Standard	1-6 Standard
Handing	Non- Handed	Non-Handed
Closer Material	Cast-Iron	Cast-Iron
Piston Diameter	1 1/2"	Check with Manufacturer
Pinion Shaft Diameter & Construction	17.9 mm Cold Forged	Heat treated steel
Main Arm Material	Forged Steel	Forged Steel
Regulating Valves	V-Slot, Staked	Staked
Pressure Relief Valves	No	No
Valve Adjustment	Hex Key	Hex Key
Backcheck	Yes	Yes
Closer Fluid	All Weather	Check with Manufacturer
<b>Installation &amp; Finishes</b>	<b>STANLEY QDC100</b>	<b>Hager 5100 Series</b>
Finishes	689, 690, 696	Alm, Brz, Dbz, Gold, 605, 625, 626
Metal & Wood Fasteners	Yes	Yes
Self Drilling & Tapping Fasteners	Optional	Yes
Plastic Cover	Yes	Yes
Metal Cover	Optional	Optional
<b>Options</b>	<b>STANLEY QDC100</b>	<b>Hager 5100 Series</b>
Tri-Pack Arms	Yes	Yes
Delayed Action	Included as Standard	Optional
Thru-Bolts	Yes	Check with Manufacturer
Tri-Pack Arms	Yes	Yes

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## Door Closers

<b>STANLEY Commercial Hardware</b> <b>QDC100 Series Grade 1 Extra</b> <b>Heavy Duty Closer</b> <b>VS</b> <b>Dorma 8900 Series</b>	 <b>STANLEY</b> Commercial Hardware	 <b>DORMA</b>
<b>Certification</b>	STANLEY QDC100	Dorma 8900 Series
ANSI/BHMA Certified Grade 1	Yes	Yes
UL 3-Hour Fire Rated	Yes	Yes
UL 10B	Yes	No
UL 10C	Yes	Yes
ADA Compliant	Yes	Yes
<b>Warranty</b>	STANLEY QDC100	Dorma 8900 Series
Finish Warranty	3-year	None
Mechanical Warranty	Lifetime	25-Year
<b>Size &amp; Construction</b>	STANLEY QDC100	Dorma 8900 Series
Door Weights & Sizes	1-6 Standard	1-6 Standard
Handing	Non- Handed	Non-Handed
Closer Material	Cast-Iron	Cast Aluminum Alloy
Piston Diameter	1 1/2"	1.41"
Pinion Shaft Diameter & Construction	17.9 mm Cold Forged	15.9 mm Small Teeth; Cold Forged
Main Arm Material	Forged Steel	Stamped Steel
Regulating Valves	V-Slot, Staked	V-Slot
Pressure Relief Valves	No	Yes
Valve Adjustment	Hex Key	Hex Nut
Backcheck	Yes	Yes
Closer Fluid	All Weather	All Weather
<b>Installation &amp; Finishes</b>	STANLEY QDC100	Dorma 8900 Series
Finishes	689, 690, 696	689, 690, 691, 693, 695, 696
Metal & Wood Fasteners	Yes	Yes
Self Drilling & Tapping Fasteners	Optional	Optional
Plastic Cover	Yes	Yes
Metal Cover	Optional	Optional
<b>Options</b>	STANLEY QDC100	Dorma 8900 Series
Heavy Duty Arms	Yes	Yes
Delayed Action	Included as Standard	Optional
Thru-Bolts	Yes	Check with Manufacturer
Tri-Pack Arms	Yes	Yes

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## Door Closers

<b>STANLEY Commercial Hardware</b> <b>QDC100 Series Grade 1 Extra</b> <b>Heavy Duty Closer</b> <b>VS</b> <b>LCN 4040 Series</b>	 <b>STANLEY</b> Commercial Hardware	  <b>ALLEGION</b> 
<b>Certification</b>	<b>STANLEY QDC100</b>	<b>LCN 4040</b>
ANSI/BHMA Certified Grade 1	Yes	Yes
UL 3-Hour Fire Rated	Yes	Yes
UL 10B	Yes	No
UL 10C	Yes	Yes
ADA Compliant	Yes	Yes
<b>Warranty</b>	<b>STANLEY QDC100</b>	<b>LCN 4040</b>
Finish Warranty	3-year	None
Mechanical Warranty	Lifetime	30-Year
<b>Size &amp; Construction</b>	<b>STANLEY QDC100</b>	<b>LCN 4040</b>
Door Weights & Sizes	1-6 Standard	1-6 Standard
Handing	Non- Handed	Non-Handed
Closer Material	Cast-Iron	Cast-Iron
Piston Diameter	1 1/2"	1 1/2"
Pinion Shaft Diameter & Construction	17.9 mm Cold Forged - Large Teeth	15.9mm Broached - Small Teeth
Main Arm Material	Forged Steel	Forged Steel
Regulating Valves	V-Slot, Staked	V-Slot
Pressure Relief Valves	No	No
Valve Adjustment	Hex Key	Hex Key
Backcheck	Yes	Yes
Closer Fluid	All Weather	All Weather
<b>Installation &amp; Finishes</b>	<b>STANLEY QDC100</b>	<b>LCN 4040</b>
Finishes	689, 690, 696	689, 690, 691, 693, 695, 696
Metal & Wood Fasteners	Yes	Yes
Self Drilling & Tapping Fasteners	Optional	Optional
Platic Cover	Yes	Yes
Metal Cover	Optional	Optional
<b>Options</b>	<b>STANLEY QDC100</b>	<b>LCN 4040</b>
Heavy Duty Arms	Yes	Yes
Delayed Action	Included as Standard	Yes
Thru-Bolts	Yes	Yes
Tri-Pack Arms	Yes	Yes

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