

# DRY-BULK MECHANICAL COMPONENTS



## SPARE PARTS/PRODUCTS CATALOG

Expert solutions and mechanical components for the safe handling and transfer of Dry Bulk products worldwide for road and rail.





## Quality Guaranteed

### ***Civacon's Mission***

Civacon specialises in components for pneumatic tank trailers, railcars, chemical and pharmaceutical plants, and any application that requires the processing, movement and storage of dry-bulk or liquid materials, including butterfly valves, actuators, aeration systems, relief valves, hopper tees, couplers and manhole covers.

Civacon tests all component parts in-house with modern, advanced computer-controlled machining centers that ensure the highest standards in the industry. Every part that is placed on a piece of Civacon equipment is first tested to 110% of its full pressure rating as standard.

Civacon is committed to providing its customers who operate within the dry-bulk transport and transfer industry products and services that are known worldwide for delivering quality, reliability and exceptional performance in meeting the needs of a variety of unique applications. Additionally, while Civacon is setting standards in dry-bulk handling, it is doing so while reducing costs to the end-user.

While our comprehensive product lines, innovative engineering and unmatched technical support ensure Civacon products and systems are effective, easy to install and simple to maintain, our greatest attribute is our peoples' ability to serve the customer. Through our training and continuing-education programs, we equip our employees with the tools, techniques and best practices needed to sustain our stringent manufacturing standards and, in turn, customer satisfaction. As a valued customer of Civacon, we guarantee to provide you the highest level of quality and reliability in the dry-bulk-handling products we offer the industry.

Liquip are proud to offer Civacon parts for Dry Bulk Transportation spare part applications. To request a copy of this catalog please call your Liquip sales representative, or contact Customer Service at:

Telephone: +61 2 9725 9000

[www.liquip.com](http://www.liquip.com)

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## Manhole Covers

LM 20" Manhole Cover



Part	Description
LM1051	20" Manhole, Pld Cam/Nylon, -WR, Wht Neop Gskt
LM1151-4.5	20" Manhole, Pld Cam/Nylon, 4.5" Alum Weld Ring, Wht Neop Gskt
LM1151	20" Manhole, Pld Cam/Nylon, 6" Alum Weld Ring, Wht Neop Gskt
LM1061	20" Manhole, Pld Cam/Nylon, -WR, Blk Buna <sup>®</sup> -N Gskt
LM1161-4.5	20" Manhole, Pld Cam/Nylon, 4.5" Alum Weld Ring, Blk Buna <sup>®</sup> -N Gskt
LM1161	20" Manhole, Pld Cam/Nylon, 6" Alum Weld Ring, Blk Buna <sup>®</sup> -N Gskt
LM1171	20" Manhole, Pld Cam/Nylon, 6" Alum Weld Ring, Viton <sup>®</sup> Gskt
LM1451	20" Manhole, Pld Cam/Nylon, 10" Alum Weld Ring, Wht Neop Gskt
LM1461	20" Manhole, Pld Cam/Nylon, 10" Alum Weld Ring, Blk Buna <sup>®</sup> -N Gskt
LM1471	20" Manhole, Pld Cam/Nylon, 10" Alum Weld Ring, Viton <sup>®</sup> Gskt
LM1251	20" Manhole, Pld Cam/Nylon, 6" Stl Weld Ring, Wht Neop Gskt
LM1261	20" Manhole, Pld Cam/Nylon, 6" Stl Weld Ring, Blk Buna <sup>®</sup> -N Gskt
LM1351	20" Manhole, Pld Cam/Nylon, 6" SS Weld Ring, Wht Neop Gskt
LM1361	20" Manhole, Pld Cam/Nylon, 6" SS Weld Ring, Blk Buna <sup>®</sup> -N Gskt
LM1371	20" Manhole, Pld Cam/Nylon, 6" SS Weld Ring, Viton <sup>®</sup> Gskt
LM2051	20" Manhole, Alum Cam/Nylon, -WR, Blk Buna <sup>®</sup> -N Gskt (SS Hardware)
LM2151	20" Manhole, Al Cam/Nylon, 6" Al WR, Blk Buna <sup>®</sup> -N Gskt (SS Hardware)
LM3051	20" Manhole, Alum Cam/Nylon, -WR, Wht Neop Gskt
LM3151	20" Manhole, Alum Cam/Nylon, 6" Alum Weld Ring, Wht Neop Gskt
LM3061	20" Manhole, Alum Cam/Nylon, -WR, Blk Buna <sup>®</sup> -N Gskt
LM3161	20" Manhole, Alum Cam/Nylon, 6" Alum Weld Ring, Blk Buna <sup>®</sup> -N Gskt

## Replacement Parts

Repl. Part #	Description
10869	Cam Assembly w/o Safety Catch (5 per cover)
10870	Cam Assembly w/ Safety Catch (1 per cover)
6832	Nylon Wear Plate
6585	Hex Screw
4486	Lock Nut
3955	Hinge Pin
1043	Washer
1045	Cotter Pin
9821	Buna <sup>®</sup> -N Gasket
9209	White Neoprene Gasket
12233	Viton <sup>®</sup> Gasket
12218	Cover with White Neoprene Gasket
12219	Cover with Black Buna <sup>®</sup> -N Gasket
12437	Aluminum Cam Assembly, w/o Safety Catch (5 per cover)
12438	Aluminum Cam Assembly, w/ Safety Catch (1per cover)

**Aluminum Hybrid Butterfly Valve**



**Butterfly Valves**

**HBV-3**

Valve Series

**1**

**2**

**3**

Valve Size	Seat Material	Disc Material	Handle
3 - 3" Valve	1 - Buna-N® (NBR)	1 - Ductile Iron	0 - No Handle
4 - 4" Valve	2 - Viton® (FKM)	2 - Stainless Steel	1 - 10 Pos. Al. 12" Hdl.
	3 - White FDA Nitrile	3 - Nylon Coated	2 - 10 Pos. Stl. 12" Hdl.
		5 - Aluminum	3 - 10 Pos. Al. 8" Hdl.
		6 - Al. Bronze	

**Series 345 Butterfly Valves**



**3-345**

Valve Series

**01**

**2**

**701**

**H10**

Valve Size	Valve-Body Material	Disc Material	Seat Material	Handle
2 - 2" Valve	00 - Aluminum Body	1 - Ductile Iron	700 - Black Nitrile	H10 - 10 Pos. Stl. Handle
3 - 3" Valve	01 - Ductile-Iron Body	2 - Stainless Steel	701 - White Nitrile	LH - Locking Handle
4 - 4" Valve		3 - Nylon Coated	515 - EPDM	
5 - 5" Valve		4 - Aluminum/ Bronze	540 - Viton®	
6 - 6" Valve			561 - Silicone	

**Series 345 Butterfly Valves**



**4-8-345-00**

Valve Series

**2**

**540**

**H10**

Valve Size	Valve-Body Material	Disc Material	Seat Material	Handle
4 - 4" Valve	00 - Aluminum Body	1 - Ductile Iron	700 - Black Nitrile	H10 - 10 Pos. Stl. Handle
3 - 3" Valve	01 - Ductile-Iron Body	2 - Stainless Steel	701 - White Nitrile	
		3 - Nylon Coated	540 - Viton®	
		4 - Aluminum/ Bronze		

**Series 340 Butterfly Valves\*\***



**8-340-00**

Valve Series

**1**

**700**

**H10**

Valve Size	Valve-Body Material	Disc Material	Seat Material	Handle
8 - 8" Valve	00 - Aluminum Body	1 - Ductile Iron	700 - Black Nitrile	H10 - 10 Pos. Stl. Handle
	01 - Ductile-Iron Body	2 - Stainless Steel	701 - White Nitrile	LH - Locking Handle
		3 - Nylon Coated	515 - EPDM	
		4 - Aluminum/ Bronze		

\*\* 8" Butterfly Valves are only offered in the 340 Series.

## Hopper Tees

### Standard Hopper Tees



Part	Description
T-400	4" Aluminum Straight Tee Grv x Grv
T-400FF	4" Aluminum Straight Tee Grv x Front Flange
T-408	4" Aluminum Straight Tee Grv x Front Flange (8-Bolt)
T-500	5" Aluminum Straight Tee Grv x Grv
T-5050A	5" x 5" Aluminum Straight Tee Grv x Grv
T-508	5" Aluminum Straight Tee / Front Flange 8-Bolt
T-600	6" Aluminum Straight Tee
T-6050A	6" x 5" Aluminum Straight Tee Grv x Grv
T-6060A	6" x 6" Aluminum Straight Tee Grv x Grv
T-4040	4" Steel Straight Tee Grv x Grv (Sch 40)
T-4040-PP	4" Steel Straight Tee Pln x Pln (Sch 40)
T-4080-PP	4" Steel Straight Tee Pln x Pln (Sch 80)
T-5040	5" Steel Straight Tee Grv x Grv (Sch 40)
T-5050	5" x 5" Steel Straight Tee Grv x Grv (Sch 40)
T-5080PP	5" x 4" Steel Straight Tee Pln x Pln (Sch 80)
T-6050	6" x 5" Steel Straight Tee Grv x Grv (Sch 40)
T-6050PP	6" Steel Straight Tee Grv x Grv (Sch 80)
T-6050PP	6" Steel Straight Tee Pln x Pln (Sch 80)

### Standard-Bottom Drop Tees



## Standard-Bottom Drop Tees

Part	Description
T-410	4" Aluminum Bottom Drop Tee Grv x Grv
T-510	5" Aluminum Bottom Drop Tee Grv x Grv
T-510LP	5" Aluminum Bottom Drop Tee Grv x Grv - Low Profile
T-550A	5" x 5" Aluminum Bottom Drop Tee Grv x Grv
T-610	6" Aluminum Bottom Drop Tee Grv x Grv
T-610LP	6" Aluminum Bottom Drop Tee Grv x Grv - Low Profile
T-610-PP	6" Aluminum Bottom Drop Tee Pln x Pln
T-650A	6" x 5" Aluminum Bottom Drop Tee Grv x Grv
T-660A	6" x 6" Aluminum Bottom Drop Tee Grv x Grv
T-810	8" Aluminum Bottom Drop Tee Grv x Grv
T-440	4" Steel Bottom Drop Tee Grv x Grv (Sch 40)
T-540	5" Steel Bottom Drop Tee Grv x Grv (Sch 40)
T-580	5" Steel Bottom Drop Tee Grv x Grv (Sch 80)
T-640	6" Steel Bottom Drop Tee Grv x Grv (Sch 40)
T-650	6" x 5" Steel Bottom Drop Tee Grv x Grv (Sch 40)
T-680	6" Steel Bottom Drop Tee Grv x Grv (Sch 80)
T-840	8" Steel Bottom Drop Tee Grv x Grv (Sch 40)
T-880	8" Steel Bottom Drop Tee Grv x Grv (Sch 80)

**Low-Profile Hopper Tees****Low-Profile Hopper Tees**

Part	Description
T-500LP	5" Aluminum Low-Profile Tee Grv x Grv
T-600LP	6" Aluminum Low-Profile Tee Grv x Grv
T-650LP	6"x 5" Aluminum Low-Profile Tee Grv x Grv

**Rhino-Cast Steel Hopper Tees****Rhino-Cast Steel Hopper Tees**

Part	Description
TR-500GG	5" Cast Steel Hopper Tee Grv x Grv
TR-500GG-PC	5" Cast Steel Hopper Tee Grv x Grv - Powder-Coated
TR-500GP	5" Cast Steel Hopper Tee Grv x Pln
TR-500GP-PC	5" Cast Steel Hopper Tee Grv x Pln - Powder-Coated
TR-500PP	5" Cast Steel Hopper Tee Pln x Pln
TR-500PP-PC	5" Cast Steel Hopper Tee Pln x Pln - Powder-Coated
TR-510GG	5" Cast Steel Bottom Drop Tee Grv x Grv
TR-510GG-PC	5" Cast Steel Bottom Drop Tee Grv x Grv - Powder-Coated
TR-510GP	5" Cast Steel Bottom Drop Tee Grv x Pln
TR-510GP-PC	5" Cast Steel Bottom Drop Tee Grv x Pln - Powder-Coated
TR-510PP	5" Cast Steel Bottom Drop Tee Pln x Pln
TR-510PP-PC	5" Cast Steel Bottom Drop Tee Pln x Pln - Powder-Coated
TR-510DOORKIT	Kit, Replacement Door Assembly & Hardware

**Swing-Away Tees****Swing-Away Hopper Tees**

Part	Description
T-500LPSW	5" Aluminum Low-Profile Swing-Away Tee Grv x Grv
T-500LPSWM-B4P	Mach. 5" Aluminum Low-Profile Swing-Away w/Pins, Bolt-On
T-500LPSWM-P	Mach. 5" Aluminum Low-Profile Swing-Away w/Pins
T-500LPSWNF	5" Aluminum Low-Profile Swing-Away No Flange
T-500SWB6	5" Aluminum Swing-Away Tee TTMA Bolt Flange

**Petroleum Coupler**



**Couplers**

Part	Description
432	3" Aluminum Coupler Grv x Grv
432B	3" Aluminum Coupler Grv x Grv, Buna-N® Seat
432W	3" Aluminum Coupler Grv x Grv, White Nitrile Seat
432V	3" Aluminum Coupler Grv x Grv, Viton® Seat
435	4" Aluminum Coupler Grv x Grv
435B	4" Aluminum Coupler Grv x Grv, Buna-N® Seat
435W	4" Aluminum Coupler Grv x Grv, White Nitrile Seat
435V	4" Aluminum Coupler Grv x Grv, Viton® Seat
634B	4" Aluminum Coupler, Buna-N® Seat
634W	4" Aluminum Coupler, White Nitrile Seat

**Quick Coupler**



**Quick Couplers**

Part	Description
632GG	3" Aluminum Quick Coupler Grv x Grv
632GGB	3" Aluminum Quick Coupler Grv x Grv, Buna-N® Seat
632GGW	3" Aluminum Quick Coupler Grv x Grv, White Nitrile Seat
635GG	4" Aluminum Quick Coupler Grv x Grv
635GGB	4" Aluminum Quick Coupler Grv x Grv, Buna-N® Seat
635GGW	4" Aluminum Quick Coupler Grv x Grv, White Nitrile Seat
635GP	4" Aluminum Quick Coupler Grv x Pln
635GPB	4" Aluminum Quick Coupler Grv x Pln, Buna-N® Seat
635GPW	4" Aluminum Quick Coupler Grv x Pln, White Nitrile Seat
635PP	4" Aluminum Quick Coupler Pln x Pln
635PPB	4" Aluminum Quick Coupler Pln x Pln, Buna-N® Seat
635PPW	4" Aluminum Quick Coupler Pln x Pln, White Nitrile Seat
637GG	5" Aluminum Quick Coupler Grv x Grv
637GGB	5" Aluminum Quick Coupler Grv x Grv, Buna-N® Seat
637GGW	5" Aluminum Quick Coupler Grv x Grv, White Nitrile Seat
639GG	6" Aluminum Quick Coupler Grv x Grv
639GGB	6" Aluminum Quick Coupler Grv x Grv, Buna-N® Seat
639GGW	6" Aluminum Quick Coupler Grv x Grv, White Nitrile Seat



**Polymer Coupler***White Nitrile Gasket***Polymer Couplers**

Part	Description
LST735GG	4" Polymer Coupler Grv x Grv
LST735GGB	4" Polymer Coupler Grv x Grv, Buna-N® Seat
LST735GGW	4" Polymer Coupler Grv x Grv, White Nitrile Seat
LST735GP	4" Polymer Coupler Grv x Pln
LST735GPB	4" Polymer Coupler Grv x Pln, Buna-N® Seat
LST735GPW	4" Polymer Coupler Grv x Pln, White Nitrile Seat

**Coupler Gaskets***Black Nitrile Gasket**White Nitrile Gasket***Coupler Accessories**

Replacement Part	Description
650S	3" White Nitrile Coupler Gasket
652S	3" Black Nitrile Coupler Gasket
655S	3" High-Temperature Coupler Gasket
651S	4" White Nitrile Coupler Gasket
654S	4" Black Nitrile Coupler Gasket
664S	4" High-Temperature Coupler Gasket
653S	5" White Nitrile Coupler Gasket
656S	5" Black Nitrile Coupler Gasket
667S	5" High-Temperature Coupler Gasket
657S	6" White Nitrile Coupler Gasket
658S	6" Black Nitrile Coupler Gasket
669S	6" High-Temperature Coupler Gasket
672S	3" Viton® Coupler Gasket
671S	4" Viton® Coupler Gasket
450S	3" Black Nitrile 432 Coupler Gasket
453S	3" White Nitrile 432 Coupler Gasket
452S	4" Black Nitrile 435 Coupler Gasket
451S	4" White Nitrile 435 Coupler Gasket
485	U-Bolt Nut Kit 3"-4"
486	U-Bolt Nut Kit 5"
487	U-Bolt Nut Kit 6"
S-Slide Bar	½" Stainless-Steel Slide Bar 3"-4"
S-Slide Bar-5	⅝" Stainless-Steel Slide Bar 5"-6"
HDL-632P, 635P, 637P	3", 4" & 5" Gray-Handle Repair Kits



## Aeration Butterfly Valves

Replacement Part	Description
2-ABV-HB-HB	2" Aeration Butterfly Valve Hose-Barb Connections
2-ABV-HB-FNPT	2" Aeration Butterfly Valve Hose Barb-to-Female NPT Connection

## Aerator Assemblies



Part	Description
A101	1-Port Complete Assembly w/Wear Plate, Gray
A101C	1-Port Complete Assembly w/Wear Plate, Clear
A101C-A103C	Hopper Assembly with 2-1 Port and 1-3 Port Assemblies, Clear
A102	2-Port Complete Assembly w/Wear Plate, Gray
A102C	2-Port Complete Assembly w/Wear Plate, Clear
A103	3-Port Complete Assembly w/Wear Plate, Gray
A103C	3-Port Complete Assembly w/Wear Plate, Clear
A121	1-Port Complete Assembly, Gray
A121C	1-Port Complete Assembly, Clear
AW121C	1-Port Complete Assembly, White Silicone Aerator
A122	2-Port Complete Assembly, Gray
A122C	2-Port Complete Assembly, Clear
AW122C	2-Port Complete Assembly, White Silicone Aerator
A123	3-Port Complete Assembly, Gray
A123C	3-Port Complete Assembly, Clear
AW123C	3-Port Complete Assembly, White Silicone Aerator
AS3100	Aerator Plate
AS3200	Aerator Plate

## Aerator Components

Replacement Part	Description
A99	Internal Aerator Assembly
A104	Aerator, Blue Silicone – Food-Grade
AW104	Aerator, White Silicone – Food-Grade
A105	Gray Nylon Aerator Housing Stainless-Steel Stem
A107	Stainless-Steel Aerator Wear Plate
A108	Port-Housing Aerator Gasket Blue Silicone – Food-Grade
A110	Standard Nylon Aerator Tee Handle
A111	1-Port Nylon Housing, Gray
A111C	1-Port Nylon Housing, Clear
A112	2-Port Nylon Housing, Gray
A112C	2-Port Nylon Housing, Clear
A113	3-Port Nylon Housing, Gray
A113C	3-Port Nylon Housing, Clear

## Silo Aerators

### Sure-Flo Silo Aerators



Part	Description
AA710B	Silo Aerator Aluminum Housing, Blue Rubber
AA710W	Silo Aerator Aluminum Housing, White Rubber
AC710B	Silo Aerator Carbon-Steel Housing, Blue Rubber
AC710W	Silo Aerator Carbon-Steel Housing, White Rubber
AS710B	Silo Aerator Stainless-Steel Housing, Blue Rubber
AS710W	Silo Aerator Stainless-Steel Housing, White Rubber
AA720B	Silo Aerator Aluminum Housing, Blue Rubber
AA720W	Silo Aerator Aluminum Housing, White Rubber
AC720B	Silo Aerator Carbon-Steel Housing, Blue Rubber
AC720W	Silo Aerator Carbon-Steel Housing, White Rubber
AS720B	Silo Aerator Stainless-Steel Housing, Blue Rubber
AS720W	Silo Aerator Stainless-Steel Housing, White Rubber
AA730W	Silo Aerator Aluminum Housing, White Rubber
AC730B	Silo Aerator Carbon-Steel Housing, Blue Rubber
AC730W	Silo Aerator Carbon-Steel Housing, White Rubber
AS730B	Silo Aerator Stainless-Steel Housing, Blue Rubber
AS730W	Silo Aerator Stainless-Steel Housing, White Rubber

\* 710 Series Dimensions 7/8" hole size x 1/2" OD pipe threads x 1/4" ID NPT threads

\* 720 Series Dimensions 1-1/16" hole size x 3/4" OD pipe threads x 1/2" ID NPT threads

\* 730 Series Dimensions 1-3/8" hole size x 1" OD pipe threads x 3/4" ID NPT threads

**3" Check Valve**



**Check Valves**

Part	Description
VA0006	2" Aluminum Swing Check Valve, Aluminum Poppet, Buna-N® Gasket, w/Spring
VC3012	3" Aluminum Swing Check Valve, Silicone Poppet, White Neoprene Gasket w/o Spring
VC3022	3" Aluminum Swing Check Valve, Silicone Poppet, White Neoprene Gasket w/Spring
VC3011FG	3" Aluminum Swing Check Valve, EPDM Poppet, White Neoprene Gasket w/o Spring

Replacement Part	Description
1851_S/L	2" Check Valve Poppet Assembly
KIT-VC-311S	3" Check Valve Repair Kit EPDM Poppet
KIT-VC-312S	3" Check Valve Repair Kit Silicone Poppet

**Digital Gauge**



**Pressure Gauge**

Part	Description
12634	16" Aluminum Housing, Abrasion-Resistant Lexan® Polycarbonate Window, Stainless-Steel Hardware

## Pressure Relief Valve



**\*Note:** For pressurised applications contact Liquip for suitability

## Pressure Relief Valves\*

Part	Description
RV-2100	2" Female-Thread Pressure Relief Valve, Adjustable Buna <sup>®</sup> -N Diaphragm
RV-2150	2" Female-Thread Pressure Relief Valve, Adjustable High-Temperature Red Silicone Diaphragm
RV-2200	2" Female-Thread Pressure Relief Valve, Non-Adjustable Buna <sup>®</sup> -N Diaphragm
RV-2250	2" Female-Thread Pressure Relief Valve, Non-Adjustable High-Temperature Red Silicone Diaphragm
RV-2300	2" Male-Thread Pressure Relief Valve, Adjustable Buna <sup>®</sup> -N Diaphragm
RV-2350	2" Male-Thread Pressure Relief Valve, Adjustable High-Temperature Red Silicone Diaphragm
RV-2400	2" Male-Thread Pressure Relief Valve, Non-Adjustable Buna <sup>®</sup> -N Diaphragm
RV-2450	2" Male-Thread Pressure Relief Valve, Non-Adjustable High-Temperature Red Silicone Diaphragm
RV-2500	2" Quick Cam-Lock Pressure Relief Valve, Adjustable Buna <sup>®</sup> -N Diaphragm
RV-2550	2" Quick Cam-Lock Pressure Relief Valve, Adjustable High-Temperature Red Silicone Diaphragm
RV-2600	2" Quick Cam-Lock Pressure Relief Valve, Non-Adjustable Buna <sup>®</sup> -N Diaphragm
RV-2650	2" Quick Cam-Lock Pressure Relief Valve, Non-Adjustable High-Temperature Red Silicone Diaphragm
RV-3100	3" Female-Thread Pressure Relief Valve, Adjustable Buna <sup>®</sup> -N Diaphragm
RV-3150	3" Female-Thread Pressure Relief Valve, Adjustable High-Temperature Red Silicone Diaphragm
RV-3200	3" Female-Thread Pressure Relief Valve, Non-Adjustable Buna <sup>®</sup> -N Diaphragm
RV-3250	3" Female-Thread Pressure Relief Valve, Non-Adjustable High-Temperature Red Silicone Diaphragm

Note: Add required PSI to your part number when ordering (example RV-2100-15 = 15 PSI) Standard models come with Buna<sup>®</sup>-N rubber diaphragm and O-ring for services up to 200°F. The high-temperature series consists of a silicone rubber diaphragm and Viton<sup>®</sup> O-ring for services up to 450°F.

**Actuator**



### *Pneumatic Actuators*

Part	Description
ST-105-DA	Double Acting, 4" - 5" Valves
ST-105-SR5	Spring Return, 2" - 3" Valves
ST-157-DA	Double Acting, 5" - 6" Valves
ST-157-SR5	Spring Return, 4" Valves
ST-157-SR6	Spring Return, 4" Valves
ST-237-SR5	Spring Return, 5" - 6" Valves
ST-331-DA	Double Acting, 6" - 8" Valves
ST-331-SR5	Spring Return, 6" Valves
ST-406-DA	Double Acting, 8" Valves
ST-48-DA	Double Acting
ST-48-SR6	Spring Return
ST-75-DA	Double Acting, 2" - 4" Valves
ST-75-SR6	Spring Return, 2" - 3" Valves
ST-U105-SR5	Spring Return, 2"-3" Valves - ISO Mounting
ST-U406-SR5	Spring Return, 5" - 6" Valves
ST-U75-SR5	Spring Return, 2" - 3" Valves
STU75-SR6	Spring Return, 2" - 3" Valves

**Stem Extension**



### *Butterfly Stem Extensions*

Part	Description
STM-ALX-XX- $\frac{5}{8}$	$\frac{5}{8}$ " Diameter Aluminum Stem Extension (XX = Desired Extension Length)
STM-ALX-XX- $\frac{3}{4}$	$\frac{3}{4}$ " Diameter Aluminum Stem Extension (XX = Desired Extension Length)
STM-X-XX- $\frac{7}{8}$	$\frac{7}{8}$ " Steel Stem Extension (XX = Desired Extension Length)
STM-X-XX- $\frac{3}{4}$	$\frac{3}{4}$ " Steel Stem Extension (XX = Desired Extension Length)
STM-X-XX- $\frac{5}{8}$	$\frac{5}{8}$ " Steel Stem Extension (XX = Desired Extension Length)

## Civacon – A Commitment to Quality. A Promise of Unmatched Service

At Civacon, we've never rested on our laurels. We've refined, improved and innovated in every aspect of our business to deliver not just a quality product, but complete customer satisfaction with the entire process – from ordering to manufacturing and delivery to service. We've developed a philosophy of working closely with every customer to provide better support and improve manufacturing capabilities. We're ISO 9001-certified. All of these initiatives ensure that our promise of unmatched quality and customer service is always met.

### *Reliable products for every application*

Our manholes are designed and manufactured for a diverse range of industries and applications. You'll find Civacon brand manholes on railcars, in storage silos and tanks or as part of industrial conveyance systems. We offer many different pressure and non-pressure configurations – steel, stainless steel, aluminum, with a variety of gasket materials – designed to meet a majority of needs. Manholes can even be custom-engineered to meet your precise specifications. Civacon offers three standard pressure vacuum hatch covers, covering a wide range of pressure and vacuum settings, for applications ranging from silos and grain elevators to food products, grain, industrial products and baghouse for cement.

Our swing check valves are designed to provide maximum throughput of air or dry products in pneumatic applications, with minimal pressure drop. The self-aligning poppet assembly assures an even seat, and can be easily removed for replacement. Featuring sturdy cast-aluminum bodies, Civacon swing check valves are available with either Buna®-N, Viton® or Silicon (food-grade) gaskets.

### *An industry leader for dry-bulk processing*

In the critical procedures inherent in the dry-bulk processing industry, Civacon-brand products meet or exceed the standards that have been established for the safe, efficient operation of storage vessels, conveying equipment and agricultural tanks. Whether your application involves the processing, loading, transporting and unloading of dry-bulk products such as cement, flour and starches, and pharmaceuticals through a plant or to and from cargo tanks or railcars, Civacon has the right equipment to deliver a smooth-running operation.

### *Technology you can trust, people you can depend on*

For some companies, Customer Service is something that occurs only if there's a problem. At Liquip, Customer Service is our business. Listening to customers and acting on what we hear are at the heart of our success. We pride ourselves on our ability to work closely with our customers, to hear their needs and deliver the right solutions. Call us today, and find out how we can do the same for you and your business.

For technical assistance, please call the Liquip Sales team at +61 2 9725 9000 or afterhours on our USA 24-hour technical hotline: (+1-800 524-8226).



**DELIVERING | WHAT'S NEXT**



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