

MOUNTING KIT SELECTION GUIDE

REVISION: AB

**PNEUMATIC ACTUATORS, ELECTRIC ACTUATORS,
GEAR OPERATORS & ACCESSORIES**

FOR

APOLLO & TOP ENTRY BALL VALVES

Revised by: _____ Date: _____
Approved by: _____ Date: _____

Conbraco Industries, Inc.
Matthews, NC, Conway SC
& Pageland SC
ACT001 Revision AB
Retain previous revision for reference.

Revised 03/08/2013

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CONBRACO INDUSTRIES INC.

ACTUATOR ACCESSORIES (MOUNTING KITS)

ACTUATOR ACCESSORIES (MOUNTING KITS)									
Actuators	WESTLOCK Limit Switch	STONEL Std. Limit Switch	STONEL - SOLAR/ ONYX "L" Shaft	PMV Positioner	MONITUER Limit Switch	ACCORD Positioner	BEACON ONLY Direct Mount	VRC Positioner	PROXIMITY Limit Switch
32 / 0012	63-002-01 (3)	63-001-95 (3)	63-002-76 (3)	63-002-01 (3)	63-002-12 (3)	63-002-01 (3)	63-002-26 (2)		63-002-54 (3)
052,063,075,085,100 / 0025,0040,0060,0100,0150,0200,0350	63-001-89 (3)	63-001-96 (3)	63-002-77 (3)	63-001-89 (3)	63-002-13 (3)	63-001-89 (3)	63-002-22 (2)	63-002-28 (2)	63-002-37 (3)
115,125,140,160, 200, 270 / 0600,0950,1600,2500,4000	63-001-91 (3)	63-001-97 (3)	63-002-78 (3)	63-001-91 (3)	63-002-14 (3)	63-001-91 (3)	63-001-85 (2)	63-002-29 (2)	63-002-38 (3)
DT-3									63-002-59 (3)
DT-7									63-002-60 (3)
DT-12									63-002-58 (3)
DT-21									
DT-36									
DT0036DM									
G01XX, G02XX & G03XX SERIES	63-001-89 (3)	63-001-96 (3)	63-002-77 (3)	63-001-89 (3)	63-002-13 (3)	63-001-89 (3)	63-002-22 (2)	63-002-28 (2)	63-002-37 (3)
3S45 - 3S105 3S125 - 3S210	63-002-97 63-002-98			63-002-97 63-002-98	63-002-13 63-002-14	63-002-97 63-002-98			

NOTES:

(2) = NON-METALLIC OR CARBON STEEL PLATED

(3) = STAINLESS STEEL

N/A = NOT AVAILABLE

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CONBRACO INDUSTRIES INC.

ELECTRIC ACTUATORS / APOLLO VALVES						
Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07	CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
70-600 76-600	1/4-1/2	St'n St'l	78-1123-01	78-1123-01		63-002-74
	3/4	St'n St'l	78-788-01	78-788-01		63-002-33
	1	St'n St'l	78-788-01	78-788-01		63-002-33
	1-1/4	St'n St'l	78-717-01	78-717-01	78-807-01	63-002-34
	1-1/2	St'n St'l	78-717-01	78-717-01	78-807-01	63-002-34
	2	St'n St'l	78-717-01	78-717-01	78-807-01	63-002-34
71-100 76-100 89-100 399-100 489-100	1/4-1/2	St'n St'l	78-390-01	78-390-01		63-002-32
	3/4	St'n St'l	78-788-01	78-788-01		63-002-33
	1	St'n St'l	78-788-01	78-788-01		63-002-33
	1-1/4	St'n St'l	78-717-01	78-717-01	78-807-01	63-002-34
	1-1/2	St'n St'l	78-717-01	78-717-01	78-807-01	63-002-34
	2	St'n St'l	78-717-01	78-717-01	78-807-01	63-002-34
	2-1/2	Cs/Zinc	78-718-01	78-718-01	78-719-01	63-002-35
77-100	3	Cs/Zinc	78-718-01	78-718-01	78-719-01	63-002-35
	1/4-1/2	St'n St'l	78-390-01	78-390-01		63-002-32
	3/4	St'n St'l	78-788-01	78-788-01		63-002-33
	1	St'n St'l	78-717-01	78-717-01	78-807-01	63-002-34
	1-1/4	St'n St'l	78-717-01	78-717-01	78-807-01	63-002-34
	1-1/2	Cs/Zinc	78-721-01	78-721-01	78-180-01	63-002-36
	2	Cs/Zinc	78-722-01	78-722-01	78-723-01	63-002-40
"AR" SERIES 71-AR 76-AR 89-AR	2-1/2	Cs/Zinc	78-718-01	78-718-01	78-719-01	63-002-35
	1/4-1/2	St'n St'l	78-1524-01	78-1524-01		63-002-67
	3/4-1	St'n St'l	78-1532-01	78-1532-01		63-002-68
	1 1/4-3	St'n St'l	78-1538-01	78-1538-01	78-1540-01	63-002-69
"AR" SERIES 77-AR	1/4-1/2	St'n St'l	78-1524-01	78-1524-01		63-002-67
	3/4	St'n St'l	78-1532-01	78-1532-01		63-002-68
	1-2	St'n St'l	78-1538-01	78-1538-01	78-1540-01	63-002-69
77648	2" only	St'n St'l	78-1918-01	78-1918-01	78-1919-01	63-002-94
77D	1/2	St'n St'l	78-2121-01	78-2121-01		
	3/4	St'n St'l	78-2122-01	78-2122-01		
	1	St'n St'l	78-2115-01	78-2115-01		
	1-1/2	St'n St'l	78-2123-01	78-2123-01		
	2	St'n St'l	78-2123-01	78-2123-01		

NOTES:

1. **Switch mounts direct to manual valve only.
2. PROXIMITY brand limit switch kits to manual valves are only available in stainless steel.
3. CL Series "(-B) ISO Mtg." includes only CL Series actuators with suffix "B" example: 3R88087B

CONBRACO INDUSTRIES INC.

ELECTRIC ACTUATORS / APOLLO VALVES						
Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07	CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
82-100/200 Body Bolt Mtg.	1/4-3/8	St'n St'l				63-002-41
	1/2	St'n St'l	78-2136-01	78-2136-01		63-002-42
	3/4	Cs/Zinc	78-784-01	78-784-01		63-002-43
	1	Cs/Zinc	78-732-01	78-732-01		63-002-44
	1-1/4	Cs/Zinc	78-733-01	78-733-01		63-002-45
	1-1/2	Cs/Zinc	78-734-01	78-734-01	78-792-01	63-002-46
	2	Cs/Zinc	78-735-01	78-735-01	78-737-01	63-002-47
	3 - OLD STY	St'n St'l	78-739-01	78-739-01	78-740-01	63-002-90
	4 - OLD STY	St'n St'l			78-741-01	63-002-99
	3 - ISO	St'n St'l	78-1622-01	78-1622-01	78-1626-01	63-002-63
82A - ISO PAD * NEW*	4 - ISO	St'n St'l	78-1622-01	78-1622-01	78-1626-01	63-002-63
83R,86R-100 200,700 401R-100 & 200	1/4-1/2	St'n St'l	78-1524-01	78-1524-01		63-002-67
	3/4-1	St'n St'l	78-1532-01	78-1532-01		63-002-68
	1 1/4 - 2	St'n St'l	78-1538-01	78-1538-01	78-1540-01	63-002-69
	3	St'n St'l	78-1622-01	78-1622-01	78-1626-01	63-002-63
83A, 83B 86A, 86B	1/4-1/2	St'n St'l	78-2029-01	78-2029-01		
	3/4	St'n St'l	78-2034-01	78-2034-01		
	1	St'n St'l	78-1619-01	78-1619-01	78-1623-01	63-002-66
	1-1/4,1-1/2	St'n St'l	78-1620-01	78-1620-01	78-1624-01	63-002-65
	2	St'n St'l	78-1621-01	78-1621-01	78-1625-01	63-002-64

NOTES:

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ELECTRIC ACTUATORS / APOLLO VALVES						
Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07	CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
87,88-100	1/2	St'n St'l	78-362-01	78-362-01		
	3/4	St'n St'l	78-219-01	78-219-01		63-002-33
	1	St'n St'l	78-824-01	78-824-01		63-002-33
87A, 88A-100 400 & 700 87B,88B-100 & 400 ISO MTG. PAD	1-1/2	St'n St'l	78-1619-01	78-1619-01	78-1623-01	63-002-66
	2	St'n St'l	78-1620-01	78-1620-01	78-1624-01	63-002-65
	2-1/2	St'n St'l	78-1621-01	78-1621-01	78-1625-01	63-002-64
	3	St'n St'l	78-1621-01	78-1621-01	78-1625-01	63-002-64
	4	St'n St'l	78-1622-01	78-1622-01	78-1626-01	63-002-63
	6	St'n St'l	78-1622-01	78-1622-01	78-1626-01	63-002-63
	8 *(F16)	St'n St'l			78-1972-01	
87A,88A-200 500 & 900 ISO MTG. PAD	1/2	St'n St'l	78-1680-01	78-1680-01		
	3/4	St'n St'l	78-1684-01	78-1684-01		63-002-66
	1	St'n St'l	78-1619-01	78-1619-01	78-1623-01	63-002-66
	1-1/2	St'n St'l	78-1620-01	78-1620-01	78-1624-01	63-002-65
	2	St'n St'l	78-1621-01	78-1621-01	78-1625-01	63-002-64
	2-1/2	St'n St'l	78-1621-01	78-1621-01	78-1625-01	63-002-64
	3	St'n St'l	78-1622-01	78-1622-01	78-1626-01	63-002-63
	4	St'n St'l	78-1622-01	78-1622-01	78-1626-01	63-002-63
	6 *(F16)	St'n St'l			78-1972-01	

NOTES:

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valve only.

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3. CL Series "(-B) ISO Mtg." includes only CL Series actuators with suffix "B" example: 3R88087B

Note: *(F16) or (F25) is for ISO mounting pad size reference only.

APOLLO VALVES

Valve Series	Valve Size	Mounting Kit Material												
			032	0012	0025	063	0040/0065	0100/0150	0200	0350	0600	0950	1600/2500	4000
			F03		052 11mm F04	063 11mm F05-F07	075 14mm F05-F07	085/100 19mm F07	115/125 22mm F07-F10	140/160 27mm F10	27mm	200 36mm F10-F14	270 46mm F16	55mm F16-F25
70-600 76-600	1/4-1/2	St'n St'l	78-247-01		78-402-01	78-711-01	78-2124-01	78-1123-01						
	3/4	St'n St'l	78-403-01		78-400-01	78-713-01	78-715-01	78-788-01						
	1	St'n St'l			78-400-01	78-713-01	78-715-01	78-788-01	78-2211-01					
	1-1/4	St'n St'l			78-2264-01	78-714-01	78-716-01	78-717-01	78-807-01 (0200 Only) ⁽¹⁾					
	1-1/2	St'n St'l			78-2264-01	78-714-01	78-716-01	78-717-01	78-807-01 (0200 Only) ⁽¹⁾					
	2	St'n St'l			78-2264-01	78-714-01	78-716-01	78-717-01	78-807-01 (0200 Only) ⁽¹⁾					
71-100 76-100 89-100 399-100 489-100	1/4-1/2	St'n St'l	78-246-01		78-401-01	78-712-01	78-354-01	78-390-01						
	3/4	St'n St'l	78-403-01		78-400-01	78-713-01	78-715-01	78-788-01						
	1	St'n St'l			78-400-01	78-713-01	78-715-01	78-788-01	78-2211-01					
	1-1/4	St'n St'l			78-2264-01	78-714-01	78-716-01	78-717-01	78-807-01 (0200 Only) ⁽¹⁾					
	1-1/2	St'n St'l			78-2264-01	78-714-01	78-716-01	78-717-01	78-807-01 (0200 Only) ⁽¹⁾					
	2	St'n St'l			78-2264-01	78-714-01	78-716-01	78-717-01	78-807-01 (0200 Only) ⁽¹⁾					
77-100	2-1/2	Cs/Zinc						78-718-01	78-719-01	78-785-01				
	3	Cs/Zinc						78-718-01	78-719-01	78-785-01				
	1/4-1/2	St'n St'l	78-246-01		78-401-01	78-712-01	78-354-01	78-390-01						
	3/4	St'n St'l	78-403-01		78-400-01	78-713-01	78-715-01	78-788-01	78-2211-01					
	1	St'n St'l			78-2264-01	78-714-01	78-716-01	78-717-01	78-807-01 (0200 Only) ⁽¹⁾					
	1-1/4	St'n St'l			78-2264-01	78-714-01	78-716-01	78-717-01	78-807-01 (0200 Only) ⁽¹⁾					
"AR" 71-AR 76-AR 89-AR	1-1/2	Cs/Zinc					78-720-01	78-721-01	78-2290-01 (0200 Only)					
	2	Cs/Zinc						78-722-01	78-723-01	78-804-01				
	2-1/2	Cs/Zinc						78-718-01	78-719-01	78-785-01				
	1/4-1/2	St'n St'l	78-1518-01	78-2295-01	78-1519-01	78-1521-01	78-1522-01	78-1524-01						
	3/4-1	St'n St'l	78-1526-01		78-1527-01	78-1529-01	78-1530-01	78-1532-01						
	1 1/4-3	St'n St'l			78-1535-01	78-1535-01	78-1536-01	78-1538-01	78-1540-01	78-1541-01	78-1541-01			
"AR" 77-AR	1/4-1/2	St'n St'l	78-1518-01		78-1519-01	78-1521-01	78-1522-01	78-1524-01						
	3/4	St'n St'l	78-1526-01		78-1527-01	78-1529-01	78-1530-01	78-1532-01						
	1-2	St'n St'l				78-1535-01	78-1536-01	78-1538-01	78-1540-01	78-1541-01	78-1541-01			
77648	2" only	St'n St'l					78-1917-01	78-1918-01	78-1919-01	78-1920-01	78-1920-01			
77D	1/2	St'n St'l	78-2004-01	78-2295-01	78-2005-01 78-2247-01 ⁽⁶⁾								77D kits should: (1)have the insert removed and rotated 45° if an "A" suffix actuator is used or (2)be used with a "B" suffix actuator.	
	3/4	St'n St'l			78-2006-01	78-2006-01	78-2297-01 ⁽³⁾							
	1	St'n St'l			78-2007-01	78-2007-01	78-2068-01 78-2215-01 ⁽³⁾	78-2115-01 ⁽²⁾⁽⁶⁾						
	1-1/2	St'n St'l					78-2008-01	78-2216-01 ^(1,4) 78-2009-01	78-2216-01 ^(1,4)	78-2010-01	78-2216-01 ^(1,4)	78-2216-01 ^(1,4)		
	2	St'n St'l					78-2008-01	78-2216-01 ^(1,4) 78-2009-01	78-2216-01 ^(1,4)	78-2010-01	78-2216-01 ^(1,4)	78-2216-01 ^(1,4)		

(1) Kit should include a "B" actuator.

(2) 78-2115-01 FITS A085/A100 (OF THIS ACTUATOR SERIES) & AE-SER (STAND-OFF KIT)

(3) 78-2215-01 ONLY FITS 0040 / 0065

(4) 78-2216-01 ONLY FITS 0150/0200/0350/0600

(5) 78-2247-01 ONLY FITS 0025

(6) 78-2115-01 ONLY FITS A0100 (OF THIS ACTUATOR SERIES)

CONBRACO INDUSTRIES INC.

APOLLO VALVES

Valve Series	Valve Size	Mounting Kit Material	0012 032 F03	0025 052 11mm F04	063 11mm F05-F07	0040/0065 075 14mm F05-F07	DT3 0100/0150 085/100 19mm F07	DT7 0200 115/125 22mm F07-F10	0350 140/160 27mm F10	0600 27mm	0950 200 36mm F10-F14	1600/2500 270 46mm F16	4000 55mm F16-F25
82-100/200 Body Bolt Mtg.	1/4-3/8	Cs/Zinc			78-780-01	78-790-01							
	1/4-3/8	St'n St'l		78-1087-01	78-379-01	78-380-01							
	1/2	Cs/Zinc			78-724-01	78-791-01							
	1/2	St'n St'l		78-1082-01	78-382-01	78-383-01	78-2136-01						
	3/4	Cs/Zinc			78-725-01	78-728-01	78-784-01						
	1	Cs/Zinc			78-726-01	78-729-01	78-732-01						
	1-1/4	Cs/Zinc			78-727-01	78-730-01	78-733-01						
	1-1/2	Cs/Zinc				78-731-01	78-734-01	78-792-01					
	2	Cs/Zinc				78-1179-01	78-735-01	78-737-01	78-334-01				
	3 - OLD STY	St'n St'l					78-739-01	78-740-01	78-826-01				
	4 - OLD STY	St'n St'l						78-741-01	78-829-01		78-825-01		
82A - ISO PAD * NEW*	3 - ISO	St'n St'l					78-1622-01	78-1626-01	78-1630-01	78-1630-01	78-1632-01		
	4 - ISO	St'n St'l					78-1622-01	78-1626-01	78-1630-01	78-1630-01	78-1632-01		
83R,86R-100 200,700	1/4-1/2	St'n St'l	78-1518-01	78-1519-01	78-1521-01	78-1522-01	78-1524-01						
	3/4-1	St'n St'l	78-1526-01	78-1527-01	78-1529-01	78-1530-01	78-1532-01						
	1 1/4-2	St'n St'l			78-1535-01	78-1536-01	78-1538-01	78-1540-01	78-1541-01	78-1541-01			
	2 tank btm	St'n St'l				78-1536-01	78-1538-01	78-1540-01					
	3	St'n St'l					78-1622-01	78-1626-01	78-1630-01	78-1630-01	78-1632-01		
83A, 83B 86A, 86B			78-2025-01/ 78-2281-01*										
	1/4-1/2	St'n St'l		78-2026-01	78-2027-01	78-2028-01	78-2029-01						
	3/4	St'n St'l	78-2030-01	78-2031-01	78-2032-01	78-2033-01	78-2034-01						
	1	St'n St'l		78-2081-01	78-1613-01	78-1616-01	78-1619-01	78-1623-01					
	1-1/4,1-1/2	St'n St'l			78-1614-01	78-1617-01	78-1620-01	78-1624-01					
	2	St'n St'l			78-2082-01	78-1618-01	78-1621-01	78-1625-01	78-1629-01	78-1629-01			

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* 78-2281-01 only fits 0012 actuator

CONBRACO INDUSTRIES INC.

APOLLO VALVES

Valve Series	Valve Size	Mounting Kit Material		0025		0040/0065	0100/0150	0200	0350	0600	0950	1600/2500	4000
			032 F03	052 11mm F04	063 11mm F05-F07	075 14mm F05-F07	085/100 19mm F07	115/125 22mm F07-F10	140/160 27mm F10	27mm	200 36mm F10-F14	270 46mm F16	55mm F16-F25
87A, 88A-100 400 & 700 87B,88B-100 & 400 ISO MTG. PAD	1-1/2	St'n St'l		78-2081-01	78-1613-01	78-1616-01	78-1619-01	78-1623-01					
	2	St'n St'l			78-1614-01	78-1617-01	78-1620-01	78-1624-01					
	2-1/2	St'n St'l			78-2082-01	78-1618-01	78-1621-01	78-1625-01	78-1629-01	78-1629-01			
	3	St'n St'l			78-2082-01	78-1618-01	78-1621-01	78-1625-01	78-1629-01	78-1629-01			
	4	St'n St'l					78-1622-01	78-1626-01	78-1630-01	78-1630-01	78-1632-01		
	6	St'n St'l						78-1626-01	78-1630-01	78-1630-01	78-1632-01		
	8 *(F16)	St'n St'l						78-1972-01		78-1631-01	78-1633-01	78-1634-01	
	10 *(F16)	St'n St'l						78-1972-01		78-1631-01	78-1633-01	78-1634-01	
87A,88A-200 500 & 900	1/2	St'n St'l	78-1715-01	78-1677-01	78-1678-01	78-1679-01	78-1680-01						
	3/4	St'n St'l	78-2080-01	78-1681-01	78-1682-01	78-1683-01	78-1684-01						
	1	St'n St'l		78-2081-01	78-1613-01	78-1616-01	78-1619-01	78-1623-01					
	1-1/2	St'n St'l			78-1614-01	78-1617-01	78-1620-01	78-1624-01					
	2	St'n St'l			78-2082-01	78-1618-01	78-1621-01	78-1625-01	78-1629-01	78-1629-01			
	2-1/2	St'n St'l			78-2082-01	78-1618-01	78-1621-01	78-1625-01	78-1629-01	78-1629-01			
	3	St'n St'l					78-1622-01	78-1626-01	78-1630-01	78-1630-01	78-1632-01		
	4	St'n St'l					78-1622-01	78-1626-01	78-1630-01	78-1630-01	78-1632-01		
	6 *(F16)	St'n St'l						78-1972-01		78-1631-01	78-1633-01	78-1634-01	78-2280-01
	8 *(F16)	St'n St'l						78-1972-01		78-1631-01	78-1633-01	78-1634-01	78-2280-01
	10 *(F25)	St'n St'l										78-1635-01	
	12 *(F25)	St'n St'l										78-1635-01	

Note: *(F16) or (F25) is for ISO mounting pad size reference only.

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CONBRACO INDUSTRIES INC.

APOLLO VALVES

Valve Series	Valve Size	Mtg. Kit Material	OA3 NEW STYLE(ISO) FEMALE SQ.	OA8, 15 NEW STYLE(ISO) FEMALE SQ.	AT 25 NEW STYLE(ISO) FEMALE SQ.	AT 50 NEW STYLE(ISO) FEMALE SQ.	BT 100 NEW STYLE(ISO) FEMALE SQ..			
70-600 76-600	1/4-1/2	St'n St'l		78-1123-MT						
	3/4	St'n St'l	78-715-MT	78-788-MT						
	1	St'n St'l	78-715-MT	78-788-MT						
	1-1/4	St'n St'l	78-716-MT	78-717-MT	78-807-MT					
	1-1/2	St'n St'l	78-716-MT	78-717-MT	78-807-MT					
	2	St'n St'l	78-716-MT	78-717-MT	78-807-MT					
71-100 76-100 89-100 399-100 489-100	1/4-1/2	St'n St'l	78-354-MT	78-390-MT						
	3/4	St'n St'l	78-715-MT	78-788-MT						
	1	St'n St'l	78-715-MT	78-788-MT						
	1-1/4	St'n St'l	78-716-MT	78-717-MT	78-807-MT					
	1-1/2	St'n St'l	78-716-MT	78-717-MT	78-807-MT					
	2	St'n St'l	78-716-MT	78-717-MT	78-807-MT					
	2-1/2	Cs/Zinc		78-718-MT	78-719-MT					
	3	Cs/Zinc		78-718-MT	78-719-MT					
77-100	1/4-1/2	St'n St'l	78-354-MT	78-390-MT						
	3/4	St'n St'l	78-715-MT	78-788-MT						
	1	St'n St'l	78-716-MT	78-717-MT	78-807-MT					
	1-1/4	St'n St'l	78-716-MT	78-717-MT	78-807-MT					
	1-1/2	Cs/Zinc	78-720-MT	78-721-MT	78-180-MT					
	2	Cs/Zinc		78-722-MT	78-723-MT					
	2-1/2	Cs/Zinc		78-718-MT	78-719-MT					
"AR" SERIES 71-AR 76-AR 89-AR	1/4-1/2	St'n St'l	78-1522-MT							
	3/4-1	St'n St'l	78-1530-MT	78-1533-01						
	1 1/4-3	St'n St'l	78-1536-MT	78-1539-01						
"AR" SERIES 77-AR	1/4-1/2	St'n St'l	78-1522-MT							
	3/4	St'n St'l	78-1530-MT	78-1533-01						
	1-2	St'n St'l	78-1536-MT	78-1539-01						
77648	2" only	St'n St'l	78-1917-MT	78-1918-MT						
77D	1/2									
	3/4									
	1		78-2068-MT							
	1-1/2	St'n St'l	78-2008-MT	78-2009-MT						
	2	St'n St'l	78-2008-MT	78-2009-MT						

CONBRACO INDUSTRIES INC.

APOLLO VALVES

Valve Series	Valve Size	Mtg. Kit Material	OA3 NEW STYLE(ISO) FEMALE SQ.	OA8, 15 NEW STYLE(ISO) FEMALE SQ.	AT 25 NEW STYLE(ISO) FEMALE SQ.	AT 50 NEW STYLE(ISO) FEMALE SQ.	BT 100 NEW STYLE(ISO) FEMALE SQ.			
82-100/200 Body Bolt Mtg.	1/4-3/8	St'n St'l	78-790-MT							
	1/2	Cs/Zinc	78-380-MT							
	1/2	St'n St'l	78-791-MT							
	3/4	Cs/Zinc	78-728-MT	78-784-MT						
	1	Cs/Zinc	78-729-MT	78-732-MT						
	1-1/4	Cs/Zinc	78-730-MT	78-733-MT						
	1-1/2	Cs/Zinc	78-731-MT	78-734-MT	78-392-MT					
	2	Cs/Zinc	78-1179-MT	78-735-MT	78-737-MT					
	3	St'n St'l		78-739-MT	78-740-MT					
	4	St'n St'l			78-741-MT	78-829-MT	78-825-MT			
82A - ISO PAD * NEW*	3 - ISO	St'n St'l		78-1622-MT	78-1626-MT		78-1632-MT			
	4 - ISO	St'n St'l		78-1622-MT	78-1626-MT		78-1632-MT			
83,86-500, 600,900 w/ Mtg. pad (-A SUFFIX)	3/4	St'n St'l	78-306-MT	78-307-MT	78-317-MT					
	1	St'n St'l	78-309-MT	78-310-MT	78-311-MT					
	1-1/4	St'n St'l	78-309-MT	78-310-MT	78-311-MT					
	1-1/2	St'n St'l	78-309-MT	78-310-MT	78-311-MT					
	2	St'n St'l	78-309-MT	78-310-MT	78-311-MT					
ONLY Body Bolt	1/4-1/2	Cs/Zinc	78-790-MT							
	1/4-1/2	St'n St'l	78-380-MT							
85R-100,200	3/4	St'n St'l	78-1522-MT							
	1-1 1/4	St'n St'l	78-1530-MT	78-1533-01						
	1 1/2-2	St'n St'l	78-1536-MT	78-1539-01						
83R,86R-100 200,700 401R-100 & 200	1/4-1/2	St'n St'l	78-1522-MT							
	3/4-1	St'n St'l	78-1530-MT	78-1533-01						
	1 1/4-2	St'n St'l	78-1536-MT	78-1539-01						
	2 tank btm	St'n St'l	78-1536-MT							
	3	St'n St'l		78-1622-MT	78-1626-MT					
83A, 83B 86A, 86B	1/4-1/2	St'n St'l	78-2028-MT	78-2029-MT						
	3/4	St'n St'l	78-2033-MT	78-2034-MT						
	1	St'n St'l	78-1616-MT	78-1619-MT	78-1623-MT					
	1-1/4,1-1/2	St'n St'l	78-1617-MT	78-1620-MT	78-1624-MT					
	2	St'n St'l	78-1618-MT	78-1621-MT	78-1625-MT					

CONBRACO INDUSTRIES INC.

APOLLO VALVES

Valve Series	Valve Size	Mtg. Kit Material	OA3 NEW STYLE (ISO) FEMALE SQ.	OA8, 15 NEW STYLE(ISO) FEMALE SQ.	AT 25 NEW STYLE(ISO) FEMALE SQ.	AT 50 NEW STYLE(ISO) FEMALE SQ.	BT 100 NEW STYLE(ISO) FEMALE SQ.			
87,88-100	1/2	St'n St'l	78-1169-MT	78-362-MT						
	3/4	St'n St'l	78-823-MT							
	1	St'n St'l	78-786-MT	78-824-MT						
87A, 88A-100 400 & 700 87B,88B-100 & 400 ISO MTG. PAD	1-1/2	St'n St'l	78-1616-MT	78-1619-MT	78-1623-MT					
	2	St'n St'l	78-1617-MT	78-1620-MT	78-1624-MT					
	2-1/2	St'n St'l	78-1618-MT	78-1621-MT	78-1625-MT					
	3	St'n St'l	78-1618-MT	78-1621-MT	78-1625-MT					
	4	St'n St'l		78-1622-MT	78-1626-MT		78-1632-MT			
	6	St'n St'l		78-1622-MT	78-1626-MT		78-1632-MT			
	8 *(F16)	St'n St'l				78-1972-MT	78-1633-MT			
	10 *(F16)	St'n St'l				78-1972-MT	78-1633-MT			
87A,88A-200 500 & 900	1/2	St'n St'l	78-1679-MT	78-1680-MT						
	3/4	St'n St'l	78-1683-MT	78-1684-MT						
	1	St'n St'l	78-1616-MT	78-1619-MT	78-1623-MT					
	1-1/2	St'n St'l	78-1617-MT	78-1620-MT	78-1624-MT					
	2	St'n St'l	78-1618-MT	78-1621-MT	78-1625-MT					
	2-1/2	St'n St'l	78-1618-MT	78-1621-MT	78-1625-MT					
	3	St'n St'l		78-1622-MT	78-1626-MT		78-1632-MT			
	4	St'n St'l		78-1622-MT	78-1626-MT		78-1632-MT			
	6 *(F16)	St'n St'l				78-1972-MT	78-1633-MT			
	8 *(F16)	St'n St'l				78-1972-MT	78-1633-MT			
	10 *(F25)	St'n St'l								
	12 *(F25)	St'n St'l								

Note: *(F16) or (F25) is for ISO mounting pad size reference only.

APOLLO VALVES

MANUAL WORM GEAR OPERATORS

Valve Series	Valve Size	Mounting Kit Material	DT3 19mm F07	DT7 22mm F10	DT12 BORE/KEY F12	DT21 BORE/KEY F14	DT-36DM BORE/KEY F16
87A, 88A-100 400 & 700 87B,88B-100 & 400 ISO MTG. PAD	1-1/2	St'n St'l	78-1619-01				
	2	St'n St'l	78-1620-01				
	2-1/2	St'n St'l	78-1621-01				
	3	St'n St'l	78-1621-01				
	4	St'n St'l	78-1622-01				
	6	St'n St'l		78-1626-01			
	8 *(F16)	St'n St'l			78-1638-01	78-1764-01	78-1765-01
	10* (F16)	St'n St'l			78-1638-01	78-1764-01	78-1765-01
87A,88A-200 500 & 900 ISO MTG. PAD	1/2	St'n St'l	78-1680-01				
	3/4	St'n St'l	78-1684-01				
	1	St'n St'l	78-1619-01				
	1-1/2	St'n St'l	78-1620-01				
	2	St'n St'l	78-1621-01				
	2-1/2	St'n St'l	78-1621-01				
	3	St'n St'l	78-1622-01				
	4	St'n St'l		78-1626-01			
	6 *(F16)	St'n St'l			78-1638-01	78-1764-01	78-1765-01
	8 *(F16)	St'n St'l			78-1638-01	78-1764-01	78-1765-01
	10 *(F25)	St'n St'l					78-1640-01
	12 *(F25)	St'n St'l					78-1640-01

NOTES:

1. Gear operator, handwheel & mounting kit must be ordered separate.
2. Gear operators for valve sizes shown are recommended sizes for most applications. High torque applications may require other gear operators.
3. DT-36DM is a special configuration designed to fit only on 87A,88A-20G,20H valves with mounting kit 78-1640-01.

OPTIONAL HANDWHEELS

Part Number	Handwheel Diameter	GEAR OPERATOR
HW-CR06-00	6"	6" Thru 18" O.D. .625" HUB BORE DIA. handwheels for DT3 & DT7 only
HW-CR08-00	8"	
HW-RR10-00	10"	
HW-RR12-00	12"	
HW-RR14-00	14"	
HW-RR16-00	16"	
HW-RR17-00	18"	
HW-RR13-00	12"	12" Thru 48" O.D. 1.00" HUB BORE DIA. handwheels for DT12, DT21 & DT36 only
HW-RR18-00	18"	
HW-RR20-00	20"	
HW-RR24-00	24"	
HW-RR30-00	30"	
HW-RR36-00	36"	
HW-RR48-00	48"	

GEAR OPERATORS		HANDWHEELS		HANDWHEEL
MODEL NUMBER	CII PART NO.	DIAMETER	CII PART NO.	LOCKING DEVICE
DT3	DT-0003-00	8"	HW-CR08-00	DT-0003-LD
DT7	DT-0007-00	12"	HW-RR12-00	DT-0007-LD
DT12	DT-0012-00	18"	HW-RR18-00	DT-0012-LD
DT21	DT-0021-00	18"	HR-RR18-00	DT-0021-LD
DT36DM	DT-0036-DM	24"	HW-RR24-00	DT-0036-LD

Note: *(F16) or (F25) is for ISO mounting pad size reference only.

CONBRACO INDUSTRIES INC.

ELECTRIC ACTUATORS / TOP ENTRY VALVES

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
150# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l	78-1005-01	78-1005-01		78-1834-01	
	2	St'n St'l	78-1065-01	78-1065-01		78-1006-01	63-002-62
	3	St'n St'l	78-1426-01	78-1426-01		78-1007-01	
	4	St'n St'l				78-1127-01	
	6	St'n St'l					
	8	St'n St'l					
150# FLANGE EXTENDED BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l	78-1029-01	78-1029-01		78-1153-01	
	2	St'n St'l	78-1030-01	78-1030-01		78-1144-01	
	3	St'n St'l				78-1031-01	
	4	St'n St'l				78-1128-01	
	6	St'n St'l					
	8	St'n St'l					
150# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l					
	1	St'n St'l	78-1802-01	78-1802-01			
	1-1/2	St'n St'l	78-1447-01	78-1447-01			
	2	St'n St'l				78-1916-01	
	3	St'n St'l				78-1773-01	
	4	St'n St'l				78-1669-01	
300# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l	78-1101-01	78-1101-01			
	1-1/2	St'n St'l	78-1012-01	78-1012-01			
	2	St'n St'l	78-1013-01	78-1013-01		78-1158-01	
	3	St'n St'l	78-1141-01	78-1141-01		78-1014-01	
	4	St'n St'l				78-1139-01	
	6	St'n St'l					
	8	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. **Switch mounts direct to manual valve only.
3. PROXIMITY brand limit switch kits to manual valves are only available in stainless steel.
4. CL Series "(-B) ISO Mtg." includes only CL Series actuators with suffix "B" example: 3R88087B

CONBRACO INDUSTRIES INC.

ELECTRIC ACTUATORS / TOP ENTRY VALVES - FULL PORT							
Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
FULL PORT 150# FLANGE STANDARD BONNET	1	St'n St'l					
	1-1/2	St'n St'l				78-2125-01	
	2	St'n St'l				78-2167-01	
	3	St'n St'l				78-1814-01	
	4	St'n St'l					
	6 *(F16)	St'n St'l				78-1972-01	
	8 *(F25)	St'n St'l					
	10 *(F30)	St'n St'l					
	12 *(F30)	St'n St'l					
FULL PORT 150# FLANGE EXTENDED BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l	78-2180-01	78-2180-01			
	3	St'n St'l					
	4	St'n St'l					
150# FLANGE LIVE LOADED SYSTEM	6	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l	78-1911-01	78-1911-01			
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l				78-1972-01	
	8 *(F25)	St'n St'l					
FULL PORT 300# FLANGE STANDARD BONNET	10 *(F30)	St'n St'l					
	12 *(F30)	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l				78-1972-01	
	8 *(F25)	St'n St'l					
	10 *(F30)	St'n St'l					
	12 *(F30)	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. **Switch mounts direct to manual valve only.
3. PROXIMITY brand limit switch kits to manual valves are only available in stainless steel.
4. CL Series "(-B) ISO Mtg." includes only CL Series actuators with suffix "B" example: 3R88087B

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

CONBRACO INDUSTRIES INC.

ELECTRIC ACTUATORS / TOP ENTRY VALVES							
Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
300# FLANGE EXTENDED BONNET	3/4	St'n St'l					
	1	St'n St'l	78-1663-01	78-1663-01			
	1-1/2	St'n St'l	78-1035-01	78-1035-01			
	2	St'n St'l	78-1036-01	78-1036-01		78-1047-01	
	3	St'n St'l				78-1037-01	
	4	St'n St'l					
	6	St'n St'l					
	8	St'n St'l					
300# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l					
	1	St'n St'l	78-1835-01	78-1835-01			
	1-1/2	St'n St'l	78-1726-01	78-1726-01		78-2046-01	
	2	St'n St'l				78-1656-01	
	3	St'n St'l				78-1545-01	
	4	St'n St'l					
600# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l	78-1833-01	78-1833-01			
	1-1/2	St'n St'l			78-1699-01	78-1932-01	
	2	St'n St'l	78-1810-01	78-1810-01		78-1086-01	
	3	St'n St'l					
	4	St'n St'l					
600# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l					
	1	St'n St'l	78-1198-01	78-1198-01			
	1-1/2	St'n St'l				78-1189-01	
	2	St'n St'l				78-1190-01	
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. **Switch mounts direct to manual valve only.
3. PROXIMITY brand limit switch kits to manual valves are only available in stainless steel.
4. CL Series "(-B) ISO Mtg." includes only CL Series actuators with suffix "B" example: 3R88087B

CONBRACO INDUSTRIES INC.

ELECTRIC ACTUATORS / TOP ENTRY VALVES - FULL PORT

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
FULL PORT 300# FLANGE EXTENDED BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
FULL PORT 300# FLANGE LIVE LOADED SYSTEM	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	8 *(F25)	St'n St'l					
	10 *(F30)	St'n St'l					
	12 *(F30)	St'n St'l					
FULL PORT 600# FLANGE STANDARD BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
	8 *(F25)	St'n St'l					
FULL PORT 600# FLANGE LIVE LOADED SYSTEM	1	St'n St'l	78-1837-01	78-1837-01			
	1-1/2	St'n St'l				78-1849-01	
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
	8 *(F25)	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. **Switch mounts direct to manual valve only.
3. PROXIMITY brand limit switch kits to manual valves are only available in stainless steel.
4. CL Series "(-B) ISO Mtg." includes only CL Series actuators with suffix "B" example: 3R88087B

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

CONBRACO INDUSTRIES INC.

ELECTRIC ACTUATORS / TOP ENTRY VALVES							
Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
300# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l	78-1081-01	78-1081-01			
	1-1/2	St'n St'l	78-230-01	78-230-01		78-1049-01	
	2	St'n St'l	78-1110-01	78-1110-01		78-1155-01	
	3	St'n St'l	78-1163-01	78-1163-01		78-1164-01	
	4	St'n St'l	78-413-01	78-413-01		78-1172-01	
	6	St'n St'l					
	8	St'n St'l					
300# NPT, SW & BW EXTENDED BONNET	1/2-1	St'n St'l	78-222-01	78-222-01			
	1-1/2	St'n St'l	78-2102-01	78-2102-01		78-1100-01	
	2	St'n St'l	78-1142-01	78-1142-01			
	3	St'n St'l					
	4	St'n St'l				78-1705-01	
	6	St'n St'l					
	8	St'n St'l					
LIVE LOADED SYSTEM	1/2-1	St'n St'l	78-1657-01	78-1657-01			
	1-1/2	St'n St'l	78-1431-01	78-1431-01		78-1671-01	
	2	St'n St'l	78-1848-01	78-1848-01		78-1935-01	
	3	St'n St'l					
	4	St'n St'l				78-2047-01	
	6	St'n St'l					
600# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l	78-1069-01	78-1069-01			
	1-1/2	St'n St'l	78-1915-01	78-1915-01		78-1097-01	
	2	St'n St'l					
600# NPT, SW & BW LIVE LOADED	1/2-1	St'n St'l	78-1188-01	78-1188-01		78-1200-01	
	1-1/2	St'n St'l	78-1104-01	78-1104-01			
	2	St'n St'l	78-1105-01	78-1105-01			
600# BUTT WELD STANDARD BONNET	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
600# BUTT WELD LIVE LOADED	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
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4. CL Series "(-B) ISO Mtg." includes only CL Series actuators with suffix "B" example: 3R88087B

CONBRACO INDUSTRIES INC.

ELECTRIC ACTUATORS / TOP ENTRY VALVES - FULL PORT

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
FULL PORT 300# NPT, SW & BW STANDARD BONNET	1	St'n St'l	78-230-01	78-230-01		78-1049-01	
	1-1/2	St'n St'l	78-1110-01	78-1110-01		78-1155-01	
	2	St'n St'l	78-1163-01	78-1163-01		78-1164-01	
	3	St'n St'l	78-413-01	78-413-01		78-1172-01	
	4	St'n St'l					
	6 *(F16)	St'n St'l				78-1972-01	
	8 *(F25)	St'n St'l					
FULL PORT 300# NPT, SW & BW EXTENDED BONNET	1	St'n St'l	78-2102-01	78-2102-01		78-1100-01	
	1-1/2	St'n St'l	78-1142-01	78-1142-01			
	2	St'n St'l					
	3						
	4						
	6 *(F16)					78-1972-01	
FULL PORT 300# NPT, SW SYSTEM	1	St'n St'l	78-1431-01	78-1431-01		78-1671-01	
	1-1/2	St'n St'l	78-1848-01	78-1848-01		78-1935-01	
	2	St'n St'l					
	3					78-2047-01	
	4						
	6 *(F16)					78-1972-01	
	8 *(F25)						
FULL PORT 600# NPT, SW & BW STANDARD BONNET	1	St'n St'l	78-1915-01	78-1915-01		78-1097-01	
	1-1/2	St'n St'l					
FULL PORT 600# NPT, SW & BW LIVE LOADED	1	St'n St'l	78-1104-01	78-1104-01			
	1-1/2	St'n St'l	78-1105-01	78-1105-01			

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
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4. CL Series "(-B) ISO Mtg." includes only CL Series actuators with suffix "B" example: 3R88087B

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES

Valve Series	Valve Size	Mounting Kit Material		0025		0040/0065	0100/0150	0200	0350	0600	0950	1600/2500	4000
			032	052	063	075	085/100	115/125	140/160		200	270	
			F03	11mm F04	11mm F05-F07	14mm F05-F07	19mm F07	22mm F07-F10	27mm F10	27mm	36mm F10-F14	46mm F16	55mm F16-F25
150# FLANGE STANDARD BONNET	3/4	St'n St'l				78-1135-01							
	1	St'n St'l			78-1119-01	78-1004-01	78-2014-01						
	1-1/2	St'n St'l				78-1154-01	78-1005-01	78-1834-01					
	2	St'n St'l				78-2043-01	78-1065-01	78-1006-01					
	3	St'n St'l					78-1426-01	78-1007-01	78-1102-01*				
	4	St'n St'l						78-1127-01	78-2003-01		78-1008-01		
	6	St'n St'l										78-1183-01	
	8	St'n St'l											
	10	St'n St'l											
150# FLANGE EXTENDED BONNET	3/4	St'n St'l				78-1027-01							
	1	St'n St'l			78-1042-01	78-1028-01							
	1-1/2	St'n St'l					78-1029-01	78-1153-01					
	2	St'n St'l					78-1030-01	78-1144-01	78-2202-01				
	3	St'n St'l						78-1031-01	78-1067-01				
	4	St'n St'l						78-1128-01			78-1032-01		
	6	St'n St'l											
	8	St'n St'l											
150# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l				78-2236-01							
	1	St'n St'l				78-1714-01	78-1802-01						
	1-1/2	St'n St'l					78-1447-01						
	2	St'n St'l						78-1916-01					
	3	St'n St'l						78-1773-01	78-2016-01				
	4	St'n St'l						78-1669-01					
	6	St'n St'l											
300# FLANGE STANDARD BONNET	3/4	St'n St'l											
	1	St'n St'l			78-1099-01	78-1011-01	78-1101-01						
	1-1/2	St'n St'l				78-301-01	78-1012-01						
	2	St'n St'l					78-1013-01	78-1158-01	78-2324-01				
	3	St'n St'l					78-1141-01	78-1014-01	78-1847-01		78-231-01		
	4	St'n St'l						78-1139-01	78-2322-01**		78-1015-01	78-1929-01	
	6	St'n St'l									78-1921-01	78-1187-01	
	8	St'n St'l											
	10	St'n St'l											
	12	St'n St'l											

*78-1102-01 fits 0600 Actuator only

**Substitute: 78-2323-01

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

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CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES - FULL PORT

Valve Series	Valve Size	Mounting Kit Material	032	0025 052 11mm F04	063 11mm F05-F07	0040/0065 075 14mm F05-F07	0100/0150 085/100 19mm F07	0200 115/125 22mm F07-F10	0350 140/160 27mm F10	0600 27mm	0950 200 36mm F10-F14	1600/2500 270 46mm F16	4000 55mm F16-F25
FULL PORT 150# FLANGE STANDARD BONNET	1	St'n St'l				78-2169-01							
	1-1/2	St'n St'l						78-2125-01					
	2	St'n St'l						78-2167-01		78-2163-01	78-2162-01		
	3	St'n St'l						78-1814-01	78-2168-01	78-2168-01	78-1995-01		
	4	St'n St'l									78-1815-01		
	6 *(F16)	St'n St'l						78-1972-01		78-1631-01	78-1633-01	78-1634-01	
	8 *(F25)	St'n St'l										78-1635-01	
	10 *(F30)	St'n St'l											
	12 *(F30)	St'n St'l											
FULL PORT 150# FLANGE EXTENDED BONNET	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l					78-2180-01						
	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											
FULL PORT 150# FLANGE LIVE LOADED SYSTEM	1	St'n St'l				78-2232-01	78-2237-01						
	1-1/2	St'n St'l					78-1911-01	78-2238-01					
	2	St'n St'l							78-1912-01		78-2024-01		
	3	St'n St'l						78-2129-01			78-1913-01		
	4	St'n St'l										78-2239-01	
	6 *(F16)	St'n St'l						78-1972-01		78-1631-01	78-1633-01	78-1634-01	
	8 *(F25)	St'n St'l										78-1635-01	
	10 *(F30)	St'n St'l											
	12 *(F30)	St'n St'l											
FULL PORT 300# FLANGE STANDARD BONNET	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l						78-2129-01					
	4	St'n St'l											
	6 *(F16)	St'n St'l						78-1972-01		78-1631-01	78-1633-01	78-1634-01	
	8 *(F25)	St'n St'l										78-1635-01	
	10 *(F30)	St'n St'l											
	12 *(F30)	St'n St'l											

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

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CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES

Valve Series	Valve Size	Mounting Kit Material		0025		0040/0065	0100/0150	0200	0350	0600	0950	1600/2500	4000
			032 F03	052 11mm F04	063 11mm F05-F07	075 14mm F05-F07	085/100 19mm F07	115/125 22mm F07-F10	140/160 27mm F10	27mm	200 36mm F10-F14	270 46mm F16	55mm F16-F25
300# FLANGE EXTENDED BONNET	3/4	St'n St'l				78-1034-01							
	1	St'n St'l				78-1038-01	78-1663-01						
	1-1/2	St'n St'l					78-1035-01						
	2	St'n St'l					78-1036-01	78-1047-01					
	3	St'n St'l						78-1037-01	78-1719-01				
	4	St'n St'l									78-1039-01		
	6	St'n St'l											
	8	St'n St'l											
300# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l											
	1	St'n St'l					78-1835-01						
	1-1/2	St'n St'l					78-1726-01	78-2046-01					
	2	St'n St'l					78-2266-01	78-1656-01					
	3	St'n St'l						78-1545-01	78-2015-01				
	4	St'n St'l									78-1791-01	78-2170-01	
	6	St'n St'l										78-1429-01	
600# FLANGE STANDARD BONNET	3/4	St'n St'l						78-1817-01					
	1	St'n St'l				78-1922-01	78-1833-01						
	1-1/2	St'n St'l						78-1932-01					
	2	St'n St'l					78-1810-01	78-1086-01	78-2101-01				
	3	St'n St'l						78-1979-01			78-2114-01		
	4	St'n St'l										78-1143-01	
	6	St'n St'l											
600# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l				78-1176-01							
	1	St'n St'l				78-1184-01	78-1198-01						
	1-1/2	St'n St'l					78-2233-01	78-1189-01					
	2	St'n St'l						78-1190-01	78-1191-01				
	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											

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CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES - FULL PORT

Valve Series	Valve Size	Mounting Kit Material		0025		0040/0065	0100/0150	0200	0350	0600	0950	1600/2500	4000
			032 F03	052 11mm F04	063 11mm F05-F07	075 14mm F05-F07	085/100 19mm F07	115/125 22mm F07-F10	140/160 27mm F10	27mm	200 36mm F10-F14	270 46mm F16	55mm F16-F25
FULL PORT 300# FLANGE EXTENDED BONNET	1	St'n St'l											
	1-1/2	St'n St'l							78224501				
	2	St'n St'l										78224601	
	3	St'n St'l											
	4	St'n St'l											
FULL PORT 300# FLANGE LIVE LOADED SYSTEM	6	St'n St'l											
	1	St'n St'l					78-2135-01						
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l									78-2231-01	78-2230-01	
	4	St'n St'l											
	6 *(F16)	St'n St'l						78-1972-01	78-1631-01		78-1633-01	78-1634-01	
	8 *(F25)	St'n St'l										78-1635-01	
FULL PORT 600# FLANGE STANDARD BONNET	10 *(F30)	St'n St'l											
	12 *(F30)	St'n St'l											
	3/4	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
FULL PORT 600# FLANGE LIVE LOADED SYSTEM	4	St'n St'l											
	6	St'n St'l											
	8 *(F25)	St'n St'l										78-1635-01	
	1	St'n St'l					78-1837-01						
	1-1/2	St'n St'l						78-1849-01					
	2	St'n St'l							78-1851-01				
	3	St'n St'l											
FULL PORT 600# FLANGE LIVE LOADED SYSTEM	4	St'n St'l										78-1838-01	
	6	St'n St'l											
	8 *(F25)	St'n St'l										78-1635-01	

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NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES

Valve Series	Valve Size	Mounting Kit Material	032 F03	0025 052 11mm F04	063 11mm F05-F07	0040/0065 075 14mm F05-F07	0100/0150 085/100 19mm F07	0200 115/125 22mm F07-F10	0350 140/160 27mm F10	0600 27mm	0950 200 36mm F10-F14	1600/2500 270 46mm F16	4000 55mm F16-F25
300# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l		78-2044-01	78-1152-01	78-1109-01	78-1081-01						
	1-1/2	St'n St'l				78-1161-01	78-230-01	78-1049-01					
	2	St'n St'l				78-1162-01	78-1110-01	78-1155-01					
	3	St'n St'l					78-1163-01	78-1164-01	78-1165-01	78-1165-01	78-1171-01		
	4	St'n St'l					78-413-01	78-1172-01		78-1446-01			
	6	St'n St'l										78-2160-01	
	8	St'n St'l											
300# NPT, SW & BW EXTENDED BONNET	1/2-1	St'n St'l				78-221-01	78-222-01						
	1-1/2	St'n St'l					78-2102-01	78-1100-01					
	2	St'n St'l					78-1142-01						
	3	St'n St'l											
	4	St'n St'l						78-1705-01					
	6	St'n St'l									78-1131-01		
	8	St'n St'l											
300# NPT, SW & BW LIVE LOADED SYSTEM	1/2-1	St'n St'l		78-2128-01	78-1839-01	78-1668-01	78-1657-01	78-2131-01					
	1-1/2	St'n St'l				78-1122-01	78-1431-01	78-1671-01	78-2132-01				
	2	St'n St'l					78-1848-01	78-1935-01	78-2133-01				
	3	St'n St'l							78-2130-01		78-2039-01		
	4	St'n St'l						78-2047-01					
	6	St'n St'l											
600# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l				78-1107-01	78-1069-01						
	1-1/2	St'n St'l				78-1445-01	78-1915-01	78-1097-01					
	2	St'n St'l							78-1914-01		78-1928-01		
600# NPT, SW & BW LIVE LOADED	1/2-1	St'n St'l				78-1173-01	78-1188-01	78-1200-01					
	1-1/2	St'n St'l					78-1104-01						
	2	St'n St'l				78-1108-01	78-1105-01				78-1989-01		
600# BUTT WELD STANDARD BONNET	3	St'n St'l									78-2291-01		
	4	St'n St'l											
	6	St'n St'l											
600# BUTT WELD LIVE LOADED	3	St'n St'l									78-2067-01		
	4	St'n St'l											
	6	St'n St'l											

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES - FULL PORT

Valve Series	Valve Size	Mounting Kit Material	032 F03	0025 052 11mm F04	063 11mm F05-F07	0040/0065 075 14mm F05-F07	0100/0150 085/100 19mm F07	0200 115/125 22mm F07-F10	0350 140 27mm F07-F10	0600 160 27mm F10-F12	0950 200 36mm F10-F14	1600/2500 270 46mm F16	4000 55mm F16-F25
FULL PORT 300# NPT, SW & BW STANDARD BONNET	1	St'n St'l				78-1161-01	78-230-01	78-1049-01					
	1-1/2	St'n St'l				78-1162-01	78-1110-01	78-1155-01					
	2	St'n St'l					78-1163-01	78-1164-01	78-1165-01	78-1165-01	78-1171-01		
	3	St'n St'l					78-413-01	78-1172-01		78-1446-01			
	4	St'n St'l										78-2160-01	
	6 *(F16)	St'n St'l						78-1972-01	78-1631-01		78-1633-01	78-1634-01	
	8 *(F25)	St'n St'l										78-1635-01	
FULL PORT 300# NPT, SW, BW EXTENDED BONNET	1	St'n St'l					78-2102-01	78-1100-01					
	1-1/2	St'n St'l					78-1142-01						
	2	St'n St'l											
	3	St'n St'l						78-1705-01					
	4	St'n St'l									78-1131-01		
	6 *(F16)	St'n St'l						78-1972-01	78-1631-01		78-1633-01	78-1634-01	
	8 *(F25)	St'n St'l										78-1635-01	
FULL PORT 300# NPT, SW, BW LIVE LOADED SYSTEM	1	St'n St'l				78-1122-01	78-1431-01	78-1671-01					
	1-1/2	St'n St'l					78-1848-01	78-1935-01					
	2	St'n St'l							78-2130-01		78-2039-01		
	3	St'n St'l						78-2047-01					
	4	St'n St'l											
	6 *(F16)	St'n St'l						78-1972-01	78-1631-01		78-1633-01	78-1634-01	
	8 *(F25)	St'n St'l										78-1635-01	
FULL PORT 600# NPT, SW & BW STANDARD BONNET	1	St'n St'l				78-1445-01	78-1915-01	78-1097-01					
	1-1/2	St'n St'l							78-1914-01		78-1928-01		
FULL PORT 600# NPT, SW LIVE LOADED	1	St'n St'l					78-1104-01						
	1-1/2	St'n St'l				78-1108-01	78-1105-01						

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES

Valve Series	Valve Size	Mtg. Kit Material	OA3 ISO 5211 FEMALE SQ.	OA8, 15 ISO 5211 FEMALE SQ.	AT 25 ISO 5211 FEMALE SQ.	AT 50 ISO 5211 FEMALE SQ.	BT 100 ISO 5211 FEMALE SQ.			
150# FLANGE STANDARD BONNET	3/4	St'n St'l	78-1135-MT							
	1	St'n St'l	78-1004-MT							
	1-1/2	St'n St'l	78-1154-MT	78-1005-MT						
	2	St'n St'l	78-2043-MT	78-1065-MT	78-1006-MT					
	3	St'n St'l		78-1426-MT	78-1007-MT	78-1102-MT				
	4	St'n St'l			78-1127-MT		78-1008-MT			
	6	St'n St'l								
	8	St'n St'l								
	10	St'n St'l								
150# FLANGE EXTENDED BONNET	3/4	St'n St'l	78-1027-MT							
	1	St'n St'l	78-1028-MT							
	1-1/2	St'n St'l		78-1029-MT	78-1153-MT					
	2	St'n St'l		78-1030-MT	78-1144-MT	78-1030-MT				
	3	St'n St'l			78-1031-MT	78-1067-MT				
	4	St'n St'l			78-1128-MT		78-1032-MT			
	6	St'n St'l								
	8	St'n St'l								
150# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l								
	1	St'n St'l	78-1714-MT							
	1-1/2	St'n St'l		78-1447-MT						
	2	St'n St'l								
	3	St'n St'l								
	4	St'n St'l								
300# FLANGE STANDARD BONNET	3/4	St'n St'l								
	1	St'n St'l	78-1011-MT	78-1101-MT						
	1-1/2	St'n St'l	78-301-MT	78-1012-MT	78-1158-MT					
	2	St'n St'l		78-1013-MT	78-1014-MT		78-231-MT			
	3	St'n St'l		78-1141-MT	78-1139-MT		78-1015-MT			
	4	St'n St'l								
	6	St'n St'l								
	8	St'n St'l								
	10	St'n St'l								
	12	St'n St'l								

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

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CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES - FULL PORT

Valve Series	Valve Size	Mtg. Kit Material	OA3 ISO 5211 FEMALE SQ.	OA8, 15 ISO 5211 FEMALE SQ.	AT 25 ISO 5211 FEMALE SQ.	AT 50 ISO 5211 FEMALE SQ.	BT 100 ISO 5211 FEMALE SQ.			
FULL PORT 150# FLANGE STANDARD BONNET	1	St'n St'l								
	1-1/2	St'n St'l								
	2	St'n St'l								
	3	St'n St'l								
	4	St'n St'l								
	6 *(F16)	St'n St'l					78-1633-MT			
	8 *(F25)	St'n St'l								
	10 *(F30)	St'n St'l								
	12 *(F30)	St'n St'l								
FULL PORT 150# FLANGE EXTENDED BONNET	1	St'n St'l								
	1-1/2	St'n St'l								
	2	St'n St'l	78-2180-MT							
	3	St'n St'l								
	4	St'n St'l								
FULL PORT LIVE LOADED SYSTEM	6	St'n St'l								
	1	St'n St'l								
	1-1/2	St'n St'l								
	2	St'n St'l								
	3	St'n St'l								
	4	St'n St'l								
	6 *(F16)	St'n St'l					78-1633-MT			
	8 *(F25)	St'n St'l								
FULL PORT 300# FLANGE STANDARD BONNET	10 *(F30)	St'n St'l								
	12 *(F30)	St'n St'l								
	1	St'n St'l								
	1-1/2	St'n St'l								
	2	St'n St'l								
	3	St'n St'l								
	4	St'n St'l								
	6 *(F16)	St'n St'l					78-1633-MT			
	8 *(F25)	St'n St'l								
	10 *(F30)	St'n St'l								
	12 *(F30)	St'n St'l								

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

ACT001 Revision AB

Revised 03/08/2013

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CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES

Valve Series	Valve Size	Mtg. Kit Material	OA3 ISO 5211 FEMALE SQ.	OA8, 15 ISO 5211 FEMALE SQ.	AT 25 ISO 5211 FEMALE SQ.	AT 50 ISO 5211 FEMALE SQ.	BT 100 ISO 5211 FEMALE SQ.			
300# FLANGE EXTENDED BONNET	3/4	St'n St'l	78-1034-MT							
	1	St'n St'l	78-1038-MT	78-1663-MT						
	1-1/2	St'n St'l		78-1035-MT						
	2	St'n St'l		78-1036-MT	78-1047-MT					
	3	St'n St'l			78-1037-MT	78-1719-MT				
	4	St'n St'l					78-1039-MT			
	6	St'n St'l								
	8	St'n St'l								
300# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l								
	1	St'n St'l								
	1-1/2	St'n St'l			78-2046-MT					
	2	St'n St'l			78-1656-MT					
	3	St'n St'l			78-1545-MT	78-2015-MT				
	4	St'n St'l					78-1791-MT			
	6	St'n St'l								
STANDARD BONNET	3/4	St'n St'l			78-1817-MT					
	1	St'n St'l	78-1922-MT	78-1833-MT						
	1-1/2	St'n St'l			78-1932-MT					
	2	St'n St'l			78-1086-MT	78-2101-MT				
	3	St'n St'l			78-1979-MT		78-2114-MT			
	4	St'n St'l								
	6	St'n St'l								
600# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l	78-1176-MT							
	1	St'n St'l	78-1184-MT							
	1-1/2	St'n St'l			78-1189-MT					
	2	St'n St'l			78-1190-MT	78-1191-MT				
	3	St'n St'l								
	4	St'n St'l								
	6	St'n St'l								

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

TOP ENTRY VALVES - FULL PORT

Valve Series	Valve Size	Mtg. Kit Material	OA3 ISO 5211 FEMALE SQ.	OA8, 15 ISO 5211 FEMALE SQ.	AT 25 ISO 5211 FEMALE SQ.	AT 50 ISO 5211 FEMALE SQ.	BT 100 ISO 5211 FEMALE SQ.			
FULL PORT 300# FLANGE EXTENDED BONNET	1	St'n St'l								
	1-1/2	St'n St'l								
	2	St'n St'l								
	3	St'n St'l								
	4	St'n St'l								
	6	St'n St'l								
FULL PORT 300# FLANGE LIVE LOADED SYSTEM	1	St'n St'l								
	1-1/2	St'n St'l								
	2	St'n St'l								
	3	St'n St'l								
	4	St'n St'l								
	6 *(F16)	St'n St'l					78-1633-MT			
	8 *(F25)	St'n St'l								
	10 *(F30)	St'n St'l								
	12 *(F30)	St'n St'l								
FULL PORT STANDARD BONNET	1	St'n St'l								
	1-1/2	St'n St'l								
	2	St'n St'l								
	3	St'n St'l								
	4	St'n St'l								
	6 *(F16)	St'n St'l								
	8 *(F25)	St'n St'l								
FULL PORT 600# FLANGE LIVE LOADED SYSTEM	1	St'n St'l								
	1-1/2	St'n St'l								
	2	St'n St'l								
	3	St'n St'l								
	4	St'n St'l								
	6 *(F16)	St'n St'l								
	8 *(F25)	St'n St'l								

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES

Valve Series	Valve Size	Mtg. Kit Material	OA3 ISO 5211 FEMALE SQ.	OA8, 15 ISO 5211 FEMALE SQ.	AT 25 ISO 5211 FEMALE SQ.	AT 50 ISO 5211 FEMALE SQ.	BT 100 ISO 5211 FEMALE SQ.			
300# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l	78-1109-MT	78-1081-MT						
	1-1/2	St'n St'l	78-1161-MT	78-230-MT	78-1049-MT					
	2	St'n St'l	78-1162-MT	78-1110-MT	78-1155-MT					
	3	St'n St'l		78-1163-MT	78-1164-MT	78-1165-MT	78-1171-MT			
	4	St'n St'l		78-413-MT	78-1172-MT	78-1446-MT				
	6	St'n St'l								
	8	St'n St'l								
300# NPT, SW & BW EXTENDED BONNET	1/2-1	St'n St'l	78-221-MT	78-222-MT						
	1-1/2	St'n St'l		78-2102-MT	78-1100-MT					
	2	St'n St'l		78-1142-MT						
	3	St'n St'l								
	4	St'n St'l			78-1705-MT					
	6	St'n St'l					78-1131-MT			
	8	St'n St'l								
300# NPT, SW & BW SYSTEM	1/2-1	St'n St'l	78-1668-MT	78-1657-MT						
	1-1/2	St'n St'l	78-1122-MT	78-1431-MT	78-1671-MT					
	2	St'n St'l		78-1848-MT	78-1935-MT					
	3	St'n St'l				78-2130-MT	78-2039-MT			
	4	St'n St'l			78-2047-MT					
	6	St'n St'l								
600# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l	78-1107-MT	78-1069-MT						
	1-1/2	St'n St'l	78-1445-MT	78-1915-MT	78-1097-MT					
	2	St'n St'l				78-1914-MT	78-1928-MT			
600# NPT, SW & BW LIVE LOADED	1/2-1	St'n St'l	78-1173-MT	78-1188-MT	78-1200-MT					
	1-1/2	St'n St'l		78-1104-MT						
	2	St'n St'l	78-1108-MT	78-1105-MT			78-1989-MT			
600# BUTT WELD STANDARD BONNET	3	St'n St'l								
	4	St'n St'l								
	6	St'n St'l								
600# BUTT WELD LIVE LOADED	3	St'n St'l								
	4	St'n St'l								
	6	St'n St'l								

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES - FULL PORT

Valve Series	Valve Size	Mtg. Kit Material	OA3 ISO 5211 FEMALE SQ.	OA8, 15 ISO 5211 FEMALE SQ.	AT 25 ISO 5211 FEMALE SQ.	AT 50 ISO 5211 FEMALE SQ.	BT 100 ISO 5211 FEMALE SQ.			
FULL PORT 300# NPT, SW & BW STANDARD BONNET	1	St'n St'l	78-1161-MT	78-230-MT	78-1049-MT					
	1-1/2	St'n St'l	78-1162-MT	78-1110-MT	78-1155-MT					
	2	St'n St'l		78-1163-MT	78-1164-MT		78-1171-MT			
	3	St'n St'l		78-413-MT	78-1172-MT					
	4	St'n St'l								
	6 *(F16)	St'n St'l			78-1972-MT		78-1633-MT			
	8 *(F25)	St'n St'l								
FULL PORT 300# NPT, SW, BW EXTENDED BONNET	1	St'n St'l		78-2102-MT	78-1100-MT					
	1-1/2	St'n St'l		78-1142-MT						
	2	St'n St'l								
	3	St'n St'l			78-1705-MT					
	4	St'n St'l					78-1131-MT			
	6 *(F16)	St'n St'l			78-1972-MT		78-1633-MT			
	8 *(F25)	St'n St'l								
FULL PORT 300# NPT, SW, BW SYSTEM	1	St'n St'l	78-1122-MT	78-1431-MT	78-1671-MT					
	1-1/2	St'n St'l		78-1848-MT	78-1935-MT					
	2	St'n St'l				78-2130-MT	78-2039-MT			
	3	St'n St'l			78-2047-MT					
	4	St'n St'l								
	6 *(F16)	St'n St'l			78-1972-MT		78-1633-MT			
	8 *(F25)	St'n St'l								
FULL PORT 600# NPT, SW & BW STANDARD BONNET	1	St'n St'l	78-1445-MT	78-1915-MT	78-1097-MT					
	1-1/2	St'n St'l					78-1928-MT			
FULL PORT 600# NPT, SW & BW LIVE LOADED	1	St'n St'l		78-1104-MT						
	1-1/2	St'n St'l	78-1108-MT	78-1105-MT						

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

TOP ENTRY VALVES							
MANUAL WORM GEAR OPERATORS							
Valve Series	Valve Size	Mounting Kit Material	DT3 19mm F07	DT7 22mm F10	DT12 BORE/KEY F12	DT21 BORE/KEY F14	DT-36DM BORE/KEY F16
150# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l	78-1005-01	78-1834-01			
	2	St'n St'l	78-1065-01	78-1006-01			
	3	St'n St'l	78-2214-01	78-1007-01			
	4	St'n St'l		78-1127-01			
	6	St'n St'l			78-1073-01	78-1129-01	
	8	St'n St'l				78-1074-01	78-1103-01
	10	St'n St'l					78-1457-01
150# FLANGE EXTENDED BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l	78-1029-01	78-1153-01			
	2	St'n St'l	78-1030-01	78-1144-01			
	3	St'n St'l		78-1031-01	78-1153-01		
	4	St'n St'l		78-1128-01	78-1144-01		
	6	St'n St'l			78-1120-01		
	8	St'n St'l				78-1986-01	
150# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l					
	1	St'n St'l	78-1802-01				
	1-1/2	St'n St'l	78-1447-01				
	2	St'n St'l		78-1916-01			
	3	St'n St'l		78-1773-01			
	4	St'n St'l		78-1669-01			
	6	St'n St'l			78-1670-01		
300# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l	78-1101-01				
	1-1/2	St'n St'l	78-1012-01				
	2	St'n St'l	78-1013-01	78-1158-01			
	3	St'n St'l	78-1141-01	78-1014-01			
	4	St'n St'l		78-1139-01			
	6	St'n St'l				78-1140-01	
	8	St'n St'l					78-1698-01
	10	St'n St'l					
	12	St'n St'l					

NOTES:

- All Top Entry valves with gear operators must be ordered with "-AR" suffix; Actuator Ready.
- Gear operator, handwheel & mounting kit must be ordered separate.
- Gear operators for valve sizes shown are recommended sizes for most applications. High torque applications may require other gear operators.

GEAR OPERATORS

Model Number	Part Number
DT3	DT-0003-00
DT7	DT-0007-00
DT12	DT-0012-00
DT21	DT-0021-00
DT36	DT-0036-00

HANDWHEELS

Part Number	Handwheel Diameter
HW-CR06-00	6"
HW-CR08-00	8"
HW-RR10-00	10"
HW-RR12-00	12"
HW-RR14-00	14"
HW-RR16-00	16"
HW-RR17-00	18"
HW-RR13-00	12"
HW-RR18-00	18"
HW-RR20-00	20"
HW-RR24-00	24"
HW-RR30-00	30"
HW-RR36-00	36"
HW-RR48-00	48"

6" Thru 18" O.D.
.625" HUB BORE DIA.
handwheels for
DT3 & DT7 only

12" Thru 48" O.D.
1.00" HUB BORE DIA.
handwheels for
DT12, DT21 & DT36 only

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES - FULL PORT							
MANUAL WORM GEAR OPERATORS							
Valve Series	Valve Size	Mounting Kit Material	DT3 19mm F07	DT7 22mm F10	DT12 BORE/KEY F12	DT21 BORE/KEY F14	DT-36DM BORE/KEY F16
FULL PORT 150# FLANGE STANDARD BONNET	1	St'n St'l					
	1-1/2	St'n St'l		78-2125-01			
	2	St'n St'l		78-2167-01			
	3	St'n St'l		78-1814-01			
	4	St'n St'l			781812-01		
	6 *(F16)	St'n St'l			78-1638-01	78-1764-01	78-1765-01
	8 *(F25)	St'n St'l					78-1640-01
	10 *(F30)	St'n St'l					
	12 *(F30)	St'n St'l					
FULL PORT 150# FLANGE EXTENDED BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l	78-2180-01				
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l				78-1933-01	
150# FLANGE LIVE LOADED SYSTEM	1	St'n St'l					
	1-1/2	St'n St'l	78-1911-01				
	2	St'n St'l					
	3	St'n St'l		78-2129-01			
	4	St'n St'l					
	6 *(F16)	St'n St'l		78-1972-01	78-1638-01	78-1764-01	78-1765-01
	8 *(F25)	St'n St'l					78-1640-01
	10 *(F30)	St'n St'l					
	12 *(F30)	St'n St'l					
FULL PORT 300# FLANGE STANDARD BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l		78-2129-01			
	4	St'n St'l				78-1813-01	
	6 *(F16)	St'n St'l		78-1972-01	78-1638-01	78-1764-01	78-1765-01
	8 *(F25)	St'n St'l					78-1640-01
	10 *(F30)	St'n St'l					
	12 *(F30)	St'n St'l					

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

NOTES:

1. All Top Entry valves with gear operators must be ordered with "-AR" suffix; Actuator Ready.
2. Gear operator, handwheel & mounting kit must be ordered separate.
3. Gear operators for valve sizes shown are recommended sizes for most applications. High torque applications may require other gear operators.

GEAR OPERATORS

Model Number	Part Number
DT3	DT-0003-00
DT7	DT-0007-00
DT12	DT-0012-00
DT21	DT-0021-00
DT36DM	DT-0036-DM

HANDWHEELS

Part Number	Handwheel Diameter
HW-CR06-00	6"
HW-CR08-00	8"
HW-RR10-00	10"
HW-RR12-00	12"
HW-RR14-00	14"
HW-RR16-00	16"
HW-RR17-00	18"
HW-RR13-00	12"
HW-RR18-00	18"
HW-RR20-00	20"
HW-RR24-00	24"
HW-RR30-00	30"
HW-RR36-00	36"
HW-RR48-00	48"

6" Thru 18" O.D.
.625" HUB BORE DIA.
handwheels for
DT3 & DT7 only

12" Thru 48" O.D.
1.00" HUB BORE DIA.
handwheels for
DT12, DT21 & DT36 only

TOP ENTRY VALVES

MANUAL WORM GEAR OPERATORS

Valve Series	Valve Size	Mounting Kit Material	DT3 19mm F07	DT7 22mm F10	DT12 BORE/KEY F12	DT21 BORE/KEY F14	DT-36DM BORE/KEY F16
300# FLANGE EXTENDED BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l	78-1035-01				
	2	St'n St'l	78-1036-01	78-1047-01			
	3	St'n St'l		78-1037-01			
	4	St'n St'l					
	6	St'n St'l				78-1750-01	
	8	St'n St'l					78-2161-01
300# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l	78-1726-01	78-2046-01			
	2	St'n St'l		78-1656-01			
	3	St'n St'l		78-1545-01			
	4	St'n St'l					
600# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l	78-1810-01	78-1086-01			
	3	St'n St'l		78-1979-01			
	4	St'n St'l			78-1459-01		
600# FLANGE LIVE LOADED SYSTEM	6	St'n St'l					78-1449-01
	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l		78-1189-01			
	2	St'n St'l		78-1190-01			
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					

NOTES:

1. All Top Entry valves with gear operators must be ordered with "-AR" suffix; Actuator Ready.
2. Gear operator, handwheel & mounting kit must be ordered separate.
3. Gear operators for valve sizes shown are recommended sizes for most applications. High torque applications may require other gear operators.

GEAR OPERATORS

Model Number	Part Number
DT3	DT-0003-00
DT7	DT-0007-00
DT12	DT-0012-00
DT21	DT-0021-00
DT36	DT-0036-00

HANDWHEELS

Part Number	Handwheel Diameter
HW-CR06-00	6"
HW-CR08-00	8"
HW-RR10-00	10"
HW-RR12-00	12"
HW-RR14-00	14"
HW-RR16-00	16"
HW-RR17-00	18"
HW-RR13-00	12"
HW-RR18-00	18"
HW-RR20-00	20"
HW-RR24-00	24"
HW-RR30-00	30"
HW-RR36-00	36"
HW-RR48-00	48"

6" Thru 18" O.D.
.625" HUB BORE DIA.
handwheels for
DT3 & DT7 only

12" Thru 48" O.D.
1.00" HUB BORE DIA.
handwheels for
DT12, DT21 & DT36 only

TOP ENTRY VALVES - FULL PORT

MANUAL WORM GEAR OPERATORS

Valve Series	Valve Size	Mounting Kit Material	DT3 19mm F07	DT7 22mm F10	DT12 BORE/KEY F12	DT21 BORE/KEY F14	DT-36DM BORE/KEY F16
FULL PORT 300# FLANGE EXTENDED BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
FULL PORT 300# FLANGE LIVE LOADED SYSTEM	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l		78-2199-01			
	4	St'n St'l				78-2200-01	
	6 *(F16)	St'n St'l			78-1638-01	78-1764-01	78-1765-01
	8 *(F25)	St'n St'l					78-1640-01
	10 *(F30)	St'n St'l					
	12 *(F30)	St'n St'l					
FULL PORT 600# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l			78-1850-01		
	4	St'n St'l					
	6	St'n St'l					
	8 *(F25)	St'n St'l					78-1640-01
FULL PORT 600# FLANGE LIVE LOADED SYSTEM	1	St'n St'l	78-1837-01				
	1-1/2	St'n St'l		78-1849-01			
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *	St'n St'l					
	8 *(F25)	St'n St'l					78-1640-01

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

NOTES:

- All Top Entry valves with gear operators must be ordered with "-AR" suffix; Actuator Ready.
- Gear operator, handwheel & mounting kit must be ordered separate.
- Gear operators for valve sizes shown are recommended sizes for most applications. High torque applications may require other gear operators.

GEAR OPERATORS

Model Number	Part Number
DT3	DT-0003-00
DT7	DT-0007-00
DT12	DT-0012-00
DT21	DT-0021-00
DT36DM	DT-0036-DM

HANDWHEELS

Part Number	Handwheel Diameter
HW-CR06-00	6"
HW-CR08-00	8"
HW-RR10-00	10"
HW-RR12-00	12"
HW-RR14-00	14"
HW-RR16-00	16"
HW-RR17-00	18"
HW-RR13-00	12"
HW-RR18-00	18"
HW-RR20-00	20"
HW-RR24-00	24"
HW-RR30-00	30"
HW-RR36-00	36"
HW-RR48-00	48"

6" Thru 18" O.D.
.625" HUB BORE DIA.
handwheels for
DT3 & DT7 only

12" Thru 48" O.D.
1.00" HUB BORE DIA.
handwheels for
DT12, DT21 & DT36 only

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES							
MANUAL WORM GEAR OPERATORS							
Valve Series	Valve Size	Mounting Kit Material	DT3 19mm F07	DT7 22mm F10	DT12 BORE/KEY F12	DT21 BORE/KEY F14	DT-36DM BORE/KEY F16
300# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l	78-1081-01				
	1-1/2	St'n St'l	78-230-01	78-1049-01			
	2	St'n St'l	78-1110-01	78-1155-01			
	3	St'n St'l	78-1163-01	78-1164-01			
	4	St'n St'l	78-413-01	78-1172-01			
	6	St'n St'l				78-1156-01	
	8	St'n St'l					78-1182-01
300# NPT, SW & BW EXTENDED BONNET	1/2-1	St'n St'l	78-222-01				
	1-1/2	St'n St'l	78-2102-01	78-1100-01			
	2	St'n St'l	78-1142-01				
	3	St'n St'l					
	4	St'n St'l		78-1705-01			
	6	St'n St'l				78-1157-01	
	8	St'n St'l				78-1721-01	
300# NPT, SW & BW SYSTEM	1/2-1	St'n St'l	78-1657-01				
	1-1/2	St'n St'l	78-1431-01	78-1671-01			
	2	St'n St'l	78-1848-01	78-1935-01			
	3	St'n St'l					
	4	St'n St'l		78-2047-01			
	6	St'n St'l					
600# NPT, SW & BW STANDARD	1/2-1	St'n St'l	78-1069-01				
	1-1/2	St'n St'l	78-1915-01	78-1097-01			
	2	St'n St'l					
600# NPT, SW & BW LIVE LOADED	1/2-1	St'n St'l	78-1188-01	78-1200-01			
	1-1/2	St'n St'l	78-1104-01				
	2	St'n St'l	78-1105-01				
600# BUTT WELD STANDARD BONNET	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
600# BUTT WELD LIVE LOADED	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					

NOTES:

1. All Top Entry valves with gear operators must be ordered with "-AR" suffix; Actuator Ready.
2. Gear operator, handwheel & mounting kit must be ordered separate.

recommended sizes for most applications.

High torque applications may require other gear operators.

GEAR OPERATORS	
Model Number	Part Number
DT3	DT-0003-00
DT7	DT-0007-00
DT12	DT-0012-00
DT21	DT-0021-00
DT36	DT-0036-00

HANDWHEELS	
Part Number	Handwheel Diameter
HW-CR06-00	6"
HW-CR08-00	8"
HW-RR10-00	10"
HW-RR12-00	12"
HW-RR14-00	14"
HW-RR16-00	16"
HW-RR17-00	18"
HW-RR13-00	12"
HW-RR18-00	18"
HW-RR20-00	20"
HW-RR24-00	24"
HW-RR30-00	30"
HW-RR36-00	36"
HW-RR48-00	48"

6" Thru 18" O.D.
.625" HUB BORE DIA.
handwheels for
DT3 & DT7 only

12" Thru 48" O.D.
1.00" HUB BORE DIA.
handwheels for
DT12, DT21 & DT36 only

CONBRACO INDUSTRIES INC.

TOP ENTRY VALVES - FULL PORT

MANUAL WORM GEAR OPERATORS

Valve Series	Valve Size	Mounting Kit Material	DT3 19mm F07	DT7 22mm F10	DT12 BORE/KEY F12	DT21 BORE/KEY F14	DT-36DM BORE/KEY F16
FULL PORT 300# NPT, SW & BW STANDARD BONNET	1	St'n St'l	78-230-01	78-1049-01			
	1-1/2	St'n St'l	78-1110-01	78-1155-01			
	2	St'n St'l	78-1163-01	78-1164-01			
	3	St'n St'l	78-413-01	78-1172-01			
	4	St'n St'l				78-1156-01	
	6 *(F16)	St'n St'l			78-1638-01	78-1764-01	78-1765-01
	8 *(F25)	St'n St'l					78-1640-01
FULL PORT 300# NPT, SW, BW EXTENDED BONNET	1	St'n St'l	78-2102-01	78-1100-01			
	1-1/2	St'n St'l	78-1142-01				
	2	St'n St'l					
	3	St'n St'l		78-1705-01			
	4	St'n St'l			78-1157-01		
	6	St'n St'l			78-1721-01		
FULL PORT LIVE LOADED SYSTEM	1	St'n St'l	78-1431-01	78-1671-01			
	1-1/2	St'n St'l	78-1848-01	78-1935-01			
	2	St'n St'l					
	3	St'n St'l		78-2047-01			
	4	St'n St'l					
	6 *(F16)	St'n St'l			78-1638-01	78-1764-01	78-1765-01
	8 *(F25)	St'n St'l					78-1640-01
FULL PORT 600# NPT, SW & BW STANDARD BONNET	1	St'n St'l	78-1915-01	78-1097-01			
	1-1/2	St'n St'l					
FULL PORT 600# NPT, SW & BW LIVE LOADED	1	St'n St'l	78-1104-01				
	1-1/2	St'n St'l	78-1105-01				

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

NOTES:

1. All Top Entry valves with gear operators must be ordered with "-AR" suffix; Actuator Ready.
2. Gear operator, handwheel & mounting kit must be ordered separate.
3. Gear operators for valve sizes shown are recommended sizes for most applications. High torque applications may require other gear operators.

GEAR OPERATORS

Model Number	Part Number
DT3	DT-0003-00
DT7	DT-0007-00
DT12	DT-0012-00
DT21	DT-0021-00
DT36DM	DT-0036-DM

HANDWHEELS

Part Number	Handwheel Diameter
HW-CR06-00	6"
HW-CR08-00	8"
HW-RR10-00	10"
HW-RR12-00	12"
HW-RR14-00	14"
HW-RR16-00	16"
HW-RR17-00	18"
HW-RR13-00	12"
HW-RR18-00	18"
HW-RR20-00	20"
HW-RR24-00	24"
HW-RR30-00	30"
HW-RR36-00	36"
HW-RR48-00	48"

6" Thru 18" O.D.
.625" HUB BORE DIA.
handwheels for
DT3 & DT7 only

12" Thru 48" O.D.
1.00" HUB BORE DIA.
handwheels for
DT12, DT21 & DT36 only

ELECTRIC ACTUATORS / TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
150# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l				78-1430-01	
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
	8	St'n St'l					
150# FLANGE EXTENDED BONNET	3/4	St'n St'l					
	1	St'n St'l	78-1185-01	78-1185-01			
	1-1/2	St'n St'l					
	2	St'n St'l				78-1148-01	
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
	8	St'n St'l					
150# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
300# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l	78-1068-01	78-1068-01			
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
	8	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. CL Series "ISO Mtg." includes all CL Series actuators with suffix "B" example: 3R88087B

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

ELECTRIC ACTUATORS / FULL PORT - TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
FULL PORT 150# FLANGE STANDARD BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l					
	8 *(F25)	St'n St'l					
FULL PORT 150# FLANGE EXTENDED BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l					
	8 *(F25)	St'n St'l					
FULL PORT LIVE LOADED SYSTEM	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l					
	8 *(F25)	St'n St'l					
FULL PORT 300# FLANGE STANDARD BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l					
	8 *(F25)	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. CL Series "ISO Mtg." includes all CL Series actuators with suffix "B" example: 3R88087B

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

ELECTRIC ACTUATORS / TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
300# FLANGE EXTENDED BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
300# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
600# FLANGE STANDARD BONNET	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
600# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l					
	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. CL Series "ISO Mtg." includes all CL Series actuators with suffix "B" example: 3R88087B

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

ELECTRIC ACTUATORS / FULL PORT - TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
FULL PORT	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
300# FLANGE EXTENDED BONNET							
FULL PORT	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l					
300# FLANGE LIVE LOADED SYSTEM	8 *(F25)	St'n St'l					
FULL PORT	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l					
600# FLANGE STANDARD BONNET	8 *(F25)	St'n St'l					
FULL PORT	1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l					
600# FLANGE LIVE LOADED SYSTEM	8 *(F25)	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. CL Series "ISO Mtg." includes all CL Series actuators with suffix "B" example: 3R88087B

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO P

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ELECTRIC ACTUATORS / TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
300# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l	78-1089-01	78-1089-01			
	1-1/2	St'n St'l				78-1045-01	
	2	St'n St'l	78-1084-01	78-1084-01			
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
	8	St'n St'l					
300# NPT, SW & BW EXTENDED BONNET	1/2-1	St'n St'l	78-1151-01	78-1151-01			
	1-1/2	St'n St'l					
	2	St'n St'l				78-1168-01	
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
	8	St'n St'l					
LIVE LOADED SYSTEM	1/2-1	St'n St'l	78-1971-01	78-1971-01			
	1-1/2	St'n St'l					
	2	St'n St'l	78-2045-01	78-2045-01			
	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
600# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
600# NPT, SW & BW LIVE LOADED	1/2-1	St'n St'l					
	1-1/2	St'n St'l					
	2	St'n St'l					
600# BUTT WELD STANDARD BONNET	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					
600# BUTT WELD LIVE LOADED	3	St'n St'l					
	4	St'n St'l					
	6	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. CL Series "ISO Mtg." includes all CL Series actuators with suffix "B" example: 3R88087B

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

ELECTRIC ACTUATORS / FULL PORT - TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Size	Valve Size	Mounting Kit Material	AE Series ISO Mtg. 19mm F07	CS Series ISO Mtg. 19mm F05-F07		CL Series (-B) ISO Mtg. 22mm F07-F10	PROXIMITY ** Limit Switch
FULL PORT 300# NPT, SW & BW STANDARD BONNET	1	St'n St'l				78-1045-01	
	1-1/2	St'n St'l	78-1084-01	78-1084-01			
	2	St'n St'l					
	3	St'n St'l					
	4	St'n St'l					
	6 *(F16)	St'n St'l					
	8 *(F25)	St'n St'l					
FULL PORT 300# NPT, SW EXTENDED BONNET	1	St'n St'l					
	1-1/2	St'n St'l				78-1168-01	
	2	St'n St'l					
	3						
	4						
	6						
FULL PORT 300# NPT, SW SYSTEM	1	St'n St'l					
	1-1/2	St'n St'l	78-2045-01	78-2045-01			
	2	St'n St'l					
	3						
	4						
	6 *(F16)						
	8 *(F25)						
FULL PORT 600# NPT, SW STANDARD BONNET	1	St'n St'l					
	1-1/2	St'n St'l					
FULL PORT 600# NPT, SW LIVE LOADED	1	St'n St'l					
	1-1/2	St'n St'l					

NOTES:

1. All actuated Top Entry Valves must be ordered with "-AR" suffix, designating "Actuator Ready" !
2. CL Series "ISO Mtg." includes all CL Series actuators with suffix "B" example: 3R88087B

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Series	Valve Size	Mounting Kit Material	032 F03	0025 052 11mm F04	063 11mm F05-F07	0040/0065 075 14mm F05-F07	0100/0150 085/100 19mm F07	0200 115/125 22mm F07-F10	0350 140 27mm F07-F10	0600 160 27mm F10-F12	0950 200 36mm F10-F14	1600/2500 270 46mm F16	4000 55mm F16-F25
150# FLANGE STANDARD BONNET	3/4	St'n St'l											
	1	St'n St'l				78-1980-01							
	1-1/2	St'n St'l											
	2	St'n St'l						78-1430-01					
	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											
	8	St'n St'l											
	10	St'n St'l											
150# FLANGE EXTENDED BONNET	3/4	St'n St'l											
	1	St'n St'l					78-1185-01						
	1-1/2	St'n St'l											
	2	St'n St'l						78-1148-01					
	3	St'n St'l								78-1147-01			
	4	St'n St'l											
	6	St'n St'l											
	8	St'n St'l											
150# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											
300# FLANGE Email	3/4	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l					78-1068-01		78-218-01				
	3	St'n St'l								78-1048-01			
	4	St'n St'l									78-1145-01		
	6	St'n St'l											
	8	St'n St'l											

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

FULL PORT - TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Series	Valve Size	Mounting Kit Material		0025		0040/0065	0100/0150	0200	0350	0600	0950	1600/2500	4000
			032	052 11mm	063 11mm	075 14mm	085/100 19mm	115/125 22mm	140 27mm	160 27mm	200 36mm	270 46mm	55mm
			F03	F04	F05-F07	F05-F07	F07	F07-F10	F07-F10	F10-F12	F10-F14	F16	F16-F25
FULL PORT 150# FLANGE STANDARD BONNET	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											
	6 *(F16)	St'n St'l											
	8 *(F25)	St'n St'l											
	10 *(F30)	St'n St'l											
	12 *(F30)	St'n St'l											
FULL PORT 150# FLANGE EXTENDED BONNET	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											
FULL PORT 150# FLANGE LIVE LOADED SYSTEM	6	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											
FULL PORT 300# FLANGE STANDARD BONNET	6 *(F16)	St'n St'l											
	8 *(F25)	St'n St'l											
	1	St'n St'l						78-2020-01					
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											
	6 *(F16)	St'n St'l											
	8 *(F25)	St'n St'l											

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Series	Valve Size	Mounting Kit Material	032 F03	0025 052 11mm F04	063 11mm F05-F07	0040/0065 075 14mm F05-F07	0100/0150 085/100 19mm F07	0200 115/125 22mm F07-F10	0350 140 27mm F07-F10	0600 160 27mm F10-F12	0950 200 36mm F10-F14	1600/2500 270 46mm F16	4000 55mm F16-F25
300# FLANGE EXTENDED BONNET	3/4	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l					78-370-01						
	2	St'n St'l											
	3	St'n St'l								78-1178-01			
	4	St'n St'l											
	6	St'n St'l											
	8	St'n St'l											
300# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											
600# FLANGE STANDARD BONNET	3/4	St'n St'l					78-2017-01	78-2072-01					
	1	St'n St'l											
	1-1/2	St'n St'l							78-2073-01	78-2073-01			
	2	St'n St'l						78-2042-01			78-2074-01		
	3	St'n St'l									78-2018-01		
	4	St'n St'l											
600# FLANGE LIVE LOADED SYSTEM	3/4	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

CONBRACO INDUSTRIES INC.

FULL PORT - TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Series	Valve Size	Mounting Kit Material		0025		0040/0065	0100/0150	0200	0350	0600	0950	1600/2500	4000
			032	052 11mm F04	063 11mm F05-F07	075 14mm F05-F07	085/100 19mm F07	115/125 22mm F07-F10	140 27mm F07-F10	160 27mm F10-F12	200 36mm F10-F14	270 46mm F16	55mm F16-F25
FULL PORT 300# FLANGE EXTENDED BONNET	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
FULL PORT 300# FLANGE LIVE LOADED SYSTEM	4	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l										78-1797-01	
	6 *(F16)	St'n St'l											
	8 *(F25)	St'n St'l											
FULL PORT 600# FLANGE STANDARD BONNET	10 *(F30)	St'n St'l											
	12 *(F30)	St'n St'l											
	3/4	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l						78-2011-01			78-2019-01		
	3	St'n St'l									78-2012-01		
FULL PORT 600# FLANGE LIVE LOADED SYSTEM	4	St'n St'l											
	6	St'n St'l											
	8 *(F25)	St'n St'l											
	1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
FULL PORT 600# FLANGE LIVE LOADED SYSTEM	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											
	8 *(F25)	St'n St'l											

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Series	Valve Size	Mounting Kit Material		0025		0040/0065	0100/0150	0200	0350	0600	0950	1600/2500	4000
			032 F03	052 11mm F04	063 11mm F05-F07	075 14mm F05-F07	085/100 19mm F07	115/125 22mm F07-F10	140 27mm F07-F10	160 27mm F10-F12	200 36mm F10-F14	270 46mm F16	55mm F16-F25
300# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l					78-1076-01						
	1-1/2	St'n St'l						78-1045-01					
	2	St'n St'l					78-1084-01						
	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											
	8	St'n St'l											
300# NPT, SW & BW EXTENDED BONNET	1/2-1	St'n St'l				78-1174-01	78-1151-01						
	1-1/2	St'n St'l				78-1655-01							
	2	St'n St'l						78-1168-01					
	3	St'n St'l							78-1181-01				
	4	St'n St'l											
	6	St'n St'l											
	8	St'n St'l											
LIVE LOADED SYSTEM	1/2-1	St'n St'l					78-1971-01						
	1-1/2	St'n St'l											
	2	St'n St'l					78-2045-01						
	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											
600# NPT, SW & BW STANDARD BONNET	1/2-1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
600# NPT, SW & BW LIVE LOADED	1/2-1	St'n St'l											
	1-1/2	St'n St'l											
	2	St'n St'l											
600# BUTT WELD STANDARD BONNET	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											
600# BUTT WELD LIVE LOADED	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

FULL PORT - TOP ENTRY VALVES(Heat shield kits for HIGH TEMPERATURE applications)

Valve Series	Valve Size	Mounting Kit Material	032	0025 052 11mm F04	063 11mm F05-F07	0040/0065 075 14mm F05-F07	0100/0150 085/100 19mm F07	0200 115/125 22mm F07-F10	0350 140 27mm F07-F10	0600 160 27mm F10-F12	0950 200 36mm F10-F14	1600/2500 270 46mm F16	4000 55mm F16-F25
FULL PORT 300# NPT, SW & BW STANDARD BONNET	1	St'n St'l						78-1045-01					
	1-1/2	St'n St'l					78-1084-01						
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											
	6 *(F16)	St'n St'l											
	8 *(F25)	St'n St'l											
	10 *(F30)	St'n St'l											
	12 *(F30)	St'n St'l											
FULL PORT 300# NPT, SW, BW EXTENDED BONNET	1	St'n St'l				78-1655-01							
	1-1/2	St'n St'l						78-1168-01					
	2	St'n St'l								78-1181-01			
	3	St'n St'l											
	4	St'n St'l											
	6	St'n St'l											
FULL PORT 300# NPT, SW, BW LIVE LOADED SYSTEM	1	St'n St'l											
	1-1/2	St'n St'l					78-2045-01						
	2	St'n St'l											
	3	St'n St'l											
	4	St'n St'l											
	6 *(F16)	St'n St'l											
	8 *(F25)	St'n St'l											
	10 *(F30)	St'n St'l											
	12 *(F30)	St'n St'l											
FULL PORT 600# NPT, SW & BW STANDARD BONNET	1	St'n St'l											
	1-1/2	St'n St'l											
FULL PORT 600# NPT, SW LIVE LOADED	1	St'n St'l											
	1-1/2	St'n St'l											

NOTE: ALL ACTUATED TOP ENTRY VALVES MUST BE ORDERED WITH "-AR" SUFFIX; ACTUATOR READY!

NOTE: * DESIGNATES ISO MOUNTING PAD ON BONNET - EITHER F16 OR F25 ISO PAD

HEAT SHIELD KITS FOR HIGH TEMP. APPLICATIONS

MISC. ACTUATORS - 141/143,LD141/WD141 SERIES BFV's

**0A3/0A8/0A15 ACTUATORS
141/143, LD141/WD141 SERIES**

VALVE SIZE	KIT #
2"	CX03575
2.5"	CX03575
3"	CX03575
4"	CX03055
5"	CX03577
6"	CX03577
8"	CX03578

**AT25 ACTUATOR
141/143, LD141/WD141 SERIES**

VALVE SIZE	KIT #
4"	CX04313
5"	CX04073
6"	CX04073
8"	CX03847
10"	CX03867

**AT50 ACTUATOR
141/143, LD141/WD141 SERIES**

VALVE SIZE	KIT #
8"	
10"	CX03848
12"	CX03849
14"	CX03849
16"	CX04204

**BT100 ACTUATORS
141/143, LD141/WD141 SERIES**

VALVE SIZE	KIT #
10"	CX04314
12"	CX04315
14"	CX04315
16"	CX04317
18"	

DIRECT MOUNT KITS - ONLY LD141/WD141 SERIES		
VALVE SIZE	ACTUATOR	KIT#
4"	A0040/A0065	78-2265-01
5"	0150,0200,0350	78-2314-01
6"	A0100	78-2268-01
	0150,0200,0350	78-2314-01
8"	0150,0200,0350,0600	78-2288-01
8"	0950	78-2321-01
10"	0950	78-2292-01

**G10 SERIES ACTUATOR
141/143, LD141/WD141 SERIES**

VALVE SIZE	KIT #
16"	CX04331
18"	
20"	
24"	CX04193

AD/AS4000 141/143,LD141/WD141 SERIES	
VALVE SIZE	KIT #
20	CX04619
24	

AT 200 ACTUATOR 141/143,LD141/WD141 SERIES	
VALVE SIZE	KIT #
20	CX04594
24	CX04511

AD/AS0950 141/143,LD141/WD141 SERIES	
VALVE SIZE	KIT #
16	CX04433

G20 SERIES ACTUATOR 141/143, LD141/WD141 SERIES	
VALVE SIZE	KIT #
16"	
18"	
20"	
24"	CX04308

A0025 141/143,LD141/WD141 SERIES	
VALVE SIZE	KIT #
2	CX04583
2.5	CX04583
3	CX04583

A063 ACTUATOR 141/143,LD141/WD141 SERIES	
VALVE SIZE	KIT #
2	CX04521
2.5	CX04521
3	CX04521

A040/A065 A075 ACTUATOR 141/143,LD141/WD141 SERIES	
VALVE SIZE	KIT #
2	CX04516
2.5	CX04516
3	CX04516
4	CX04537
5	CX04533
6	CX04533

AT80 ACTUATOR 141/143,LD141/WD141	
VALVE SIZE	KIT #
14"	
16"	CX03924
18"	

A100/A150 CS, AE, A085/100 ACTUATORS 141/143,LD141/WD141	
VALVE SIZE	KIT #
2"	CX03564
2.5"	CX03564
3"	CX03564
4"	CX03389
5"	CX03919
6"	CX03919
8"	CX04536

A200 CL, A115/125 ACTUATORS 141/143,LD141/WD141	
VALVE SIZE	KIT #
4"	CX03353
5"	CX03917
6"	CX03917
8"	CX03920
10"	CX03922
12"	CX03936

A350/A600 A140/A160 ACTUATOR 141/143,LD141/WD141	
VALVE SIZE	KIT #
5"	
6"	
8"	
10"	CX04502
12"	78-2318-01
14"	78-2318-01
16"	CX04630

DOUBLE "D" STEM ONLY

NOTE:

ALL KITS ABOVE USE STAINLESS HARDWARE AND STAINLESS BRACKETS.
ALL KITS ON THIS PAGE ARE FOR DOUBLE "D" STEM CONFIGURATION ONLY.

Special Mounting Kits or Special Applications

Kit Number	Valve	Actuator	Acc.	Comments
78-2299-01	SSBB8A1	DT3		Gear Op to 2" TEV
78-2298-01	SSBB0A2	DT3		Gear Op to 3" TEV