

Certificate of Compliance

Certificate Number:

UL-US-L26850-21741-
82015102-3

Report Reference:

EX26850-20151028

Issue Date:

2025-03-26

Issued to:

GOMOTEC CO LTD
192 Gomo-ro 324beon-gil, Jillye-myeon Gimhae-si,
Gyeongsangnam-do 50875
Republic of Korea

This certificate confirms that representative samples of:

HLXS - Butterfly Valves

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

ANSI/CAN/UL/ULC 1091:2022, Edition: 7, Issue Date: 2022-4-20

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L26850-21741-82015102-3
Report reference EX26850-20151028
Date 2025-03-26

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Butterfly Valve

Model(s): CBF, CBL, CBW, COB



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File EX26850
Project 4786961733
Project 4787978872
Project 4791549222

Issued: October 28, 2015
Revised: March 25, 2025

REPORT

On

BUTTERFLY VALVES
(HLXS)

for

DKC CO LTD
BUSAN, KOREA

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DESCRIPTION

PRODUCT COVERED:

The butterfly valves are intended for use in above ground piping systems supplying water for fire-protection service in the following models, styles, sizes and pressure ratings:

Listing	Model	NPS	Body Type	Pressure Rating, psig	Supervisory Switch*
USL	COB	3, 4, 6, 8 and 12	F, W, L	175	-
*USL	COB	16	F, W, L	150	-
USL	CBL	3, 4, 6, 8, 10, 12, 14, 16 ,18 and 20	L	261	-
USL	CBW	3, 4, 6, 8, 10, 12, 14, 16 ,18 and 20	W	261	-
USL	CBF	3, 4, 6, 8, 10, 12, 14, 16 ,18 and 20	F	261	-

F - Flange
W - Wafer
L - Lug

CONSTRUCTION DETAILS:

The devices have been examined and found to comply with the applicable requirements of the Standard **used to investigate the products under this category, and installed in accordance with the manufacturer's installation instructions.**

USE:

The products covered by this Report are intended for use in accordance with the National Fire Protection Association Standard for Low Expansion Foam and Combined Agent Systems, NFPA 11; the National Fire Protection Association Standard for the Installation of Sprinkler Systems, NFPA 13; the National Fire Protection Association Standard for the Installation of Standpipe and Hose Systems, NFPA 14; the National Fire Protection Association Standard Water Spray Fixed Systems for Fire Protection, NFPA 15; the National Fire Protection Association Standard Deluge Foam-Water Sprinkler and Foam-Water Spray Systems, NFPA 16; the National Fire Protection Association Standard for the Installation of Centrifugal Fire Pumps, NFPA 20; the National Fire Protection Association Standard for Water Tanks for Private Fire Protection, NFPA 22; and the National Fire Protection Association Standard for Installation of Private Fire Service Mains and Their Appurtenances, NFPA 24.

DESCRIPTION

PRODUCT COVERED:

The butterfly valves are intended for use in above ground piping systems supplying water for fire-protection service in the following models, styles, sizes and pressure ratings:

Listing	Model	NPS	Body Type	Pressure Rating, psig	Supervisory Switch*
USL	COB	3, 4, 6, 8 and 12	F, W, L	175	-
USL	COB	16	F, W, L	150	-
USL	CBL	3, 4, 6, 8, 10, 12, 14, 16, 18 and 20	L	261	-
USL	CBW	3, 4, 6, 8, 10, 12, 14, 16, 18 and 20	W	261	-
USL	CBF	3, 4, 6, 8, 10, 12, 14, 16, 18 and 20	F	261	-

F - Flange

W - Wafer

L - Lug

GEAR OPERATOR:

A valve shall be equipped with a gear operator as described in this Procedure. The operator is a worm gear type operator having a mechanical advantage tabulated below.

Model	Valve Size, NPS	Actuator Mfr. / Model No.	Mechanical Advantage	Handwheel Size, mm.
COB	3	MYOUNG JIN CO LTD / WORM GEAR BOX 24:1	3.77	150
	4	MYOUNG JIN CO LTD / WORM GEAR BOX 24:1	4.02	150
	6	MYOUNG JIN CO LTD / WORM GEAR BOX 36:1	4.05	200
	8	MYOUNG JIN CO LTD / WORM GEAR BOX 36:1	5.78	250
	12	MYOUNG JIN CO LTD / WORM GEAR BOX 46:1	8.42	300
	16	MYOUNG JIN CO LTD / WORM GEAR BOX 48:1	24.1	600

GEAR OPERATOR (CONT'D):

Model	Valve Size, NPS	Actuator Mfr. / Model No.	Mechanical Advantage	Handwheel Size, mm.
CBL, CBW, CBF	3, 4	MYOUNG JIN CO LTD / MJO-24	5.65	150
	6, 8	MYOUNG JIN CO LTD / MJ-36	9.61	250
	10	MYOUNG JIN CO LTD / MJ-42	10.49	310
	12, 14, 16	MYOUNG JIN CO LTD / MJ-48	11.18	390
	18, 20	MYOUNG JIN CO LTD / MJ48-1S	31.17	400

CONSTRUCTION DETAILS:

The valves are to be constructed in accordance with the specifications and illustrations outlined in this Procedure. The material specifications for the major components are outlined below:

Model COB:

Part Description	Material Designation
Body	ASTM A536 Grade 60-40-18
Disc	ASTM A351 CF8M
Body Seat	EPDM manufactured by Dain M&H Co Ltd, Model No.EPDO3100
Shaft	A479/A182, UNS S31803
Shaft Pin	A479/A182, UNS S31803
Gland Packing	EPDM, manufactured by Dain M&H Co Ltd, Model No.EPDO3100
Gland Bush	BC6
Gland Plate	SPHC JIS G 3131

Model CBL, CBW and CBF:

Part Description	Material Designation
Body	ASTM A536 Grade 60-40-18
Disc	ASTM A351 CF8M
Body Seat	EPDM manufactured by Dain M&H Co Ltd, Model No.EPDO3100
Shaft	ASTM A564, UNS S17400, type 630, H1100
Shaft Pin	ASTM A564, UNS S17400, type 630, H1100
Gland Packing	PTFE
Gland Bush	BC6
Gland Plate	ASTM A240, UNS S30400, type 304

INDEX OF ILLUSTRATIONS

Description	Drawing No.	ILL. No.	Page
Model COB, 3 NPS			
Assembly	AB80P3E008-A000-A	1	1
Body (Lug type)	AA40P2E008-B04X-A	1	2
Body (Wafer type)	AA40A2A008-B03X-A	1	3
Body (Flange type)	AA40A2B008-B01X-A	1	4
Disc	AB00XXX008-DI1X-A	1	5
Body Seat	AX00XXA008-BT2X-R00	1	6
Shaft	AB01XXX008-SH1X-B	1	7
Shaft Pin	AX00XXX008-SP1X-B	1	8
Gland Packing	AX04XXX008-GP1X-A	1	9
Gland Bush	AX05XXX008-GB1X-A	1	10
Gland Plate (Lug, Flange)	AX00XXX008-GE2X-A	1	11
Gland Plate (Wafer)	AX00XXX008-GE1X-A	1	12
Gear Box	-	1	13
Body (Lug type)	AA40A2E008-B04X-A	1	14
Model COB, 4 NPS			
Assembly	AB80P3D010-A001-A	2	1
Body (Lug type)	AA40P2D010-B01X-A	2	2
Body (Wafer type)	AA40A2A010-B03X-A	2	3
Body (Flange type)	AA40A2B010-B01X-A	2	4
Disc	AB00XXX010-DI1X-A	2	5
Body Seat	AX00XXA010-BT2X-R00	2	6
Shaft (Lug and Flange type)	AB01XXX010-SH2X-A	2	7
Shaft (Wafer type)	AB01XXX010-SH1X-B	2	8
Shaft Pin	AX00XXX010-SP1X-A	2	9
Gland Packing	AX04XXX010-GP1X-A	2	10
Gland Bush	AX05XXX010-GB1X-A	2	11
Gland Plate	AX00XXX010-GE2X-A	2	12
Gear Box	-	2	13
Body (Lug type, FF)	AA40A2D010-B02X-A	2	14
Body (Lug type, RF)	AA40A2E010-B04X-A	2	15
Model COB, 6 NPS			
Assembly	AB80P3D015-A000-A	3	1
Body (Lug type)	AA40P2D015-B02X-A	3	2
Body (Wafer type)	AA40A2A015-B03X-A	3	3
Body (Flange type)	AA40A2B015-B01X-A	3	4
Disc	AB00XXX015-DI1X-A	3	5
Body Seat	AX00XXA015-BT1x-r00	3	6
Shaft (Lug and Flange type)	AB01XXX015-SH2X-A	3	7
Shaft (Wafer type)	AB01XXX015-SH1X-A	3	8
Shaft Pin	AX00XXX015-SP1X-A	3	9
Gland Packing	AX04XXX015-GP1X-A	3	10
Gland Bush	AX05XXX015-GB1X-A	3	11
Gland Plate	AX00XXX015-GE2X-A	3	12
Gear Box	-	3	13
Body (Lug type, FF)	AA40A2D015-B02X-A	3	14
Body (Lug type, RF)	AA40A2E015-B07X-A	3	15

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Description	Drawing No.	ILL. No.	Page
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Assembly	AB80P3E020-A000-A	4	1
Body (Lug type)	AA40P3E020-BO2X-A	4	2
Body (Wafer type)	AA40A2A020-BO3X-A	4	3
Body (Flange type)	AA40A2B020-BO2X-A	4	4
Disc	AB00XXX020-DI2X-A	4	5
Body Seat	AX00XXA020-BT1X-R00	4	6
Shaft	AB01XXX020-SH2X-A	4	7
Shaft Pin	AX00XXX020-SP1X-B	4	8
Gland Packing	AX04XXX020-GP1X-A	4	9
Gland Bush	AX05XXX020-GB1X-A	4	10
Gland Plate	AX00XXX020-GE2X-A	4	11
Gear Box	-	4	12
Body (Lug type, RF)	AA40A2E020-B07X-A	4	13
Model COB, 12 NPS			
Assembly	AC80P3E030-A001-A	5	1
Body (Lug type)	AA40P3E030-BOX1-A	5	2
Body (Wafer type)	AA40A2A030-BO4X-A	5	3
Body (Flange type)	AA40A2A030-BO1X-A	5	4
Disc	AB00XXX030-DI2X-A	5	5
Body Seat	AX00XXA030-BT1X-R00	5	6
Shaft	AB01XXX030-SH1X-A	5	7
Shaft Pin	AX00XXX030-SP1X-B	5	8
Gland Packing	AX04XXX030-GP2X-A	5	9
Gland Bush	AX05XXX030-GB2X-A	5	10
Gland Plate	AX00XXX030-GE3X-A	5	11
Gland Plate (Wafer, Flange)	AX00XXX030-GE4X-A	5	12
End Cover	AX02XXX030-EC1X-A	5	13
End Cover Gasket	AX02XXX030-EG1X-A	5	14
Gear Box	-	5	15
Body (Lug type, RF)	AA40AE030-B05X-A	5	16

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Description	Drawing No.	ILL. No.	Page
Model COB, 16 NPS			
Assembly	AB80P3E040-A001-A	6	1
Body (Lug type)	AA40P3E040-B01X-A	6	2
Body (Wafer type)	AA40A2A040-B03X-A	6	3
Body (Flange type)	AA40A2B040-BOX3-A	6	4
Disc	AC01XXX040-DI2X-A	6	5
Body Seat	AX00XXA1040-BT1X-R00	6	6
Shaft	AC01XXX040-SH1X-A	6	7
Shaft Pin	AX01XXX040-SP1X-B	6	8
O-ring Washer	AX00XXX040-OW1X-A	6	9
Gland Packing	AX04XXX040-GP2X-A	6	10
Gland Bush	AX05XXX040-GB2X-A	6	11
Gland Plate	AX00XXX040-GE3X-A	6	12
Gland Plate (Wafer, Flange)	AX00XXX040-GE4X-A	6	13
End Cover	AX02XXX040-EC1X-A	6	14
End Cover Gasket	AX02XXX040-EG1X-A	6	15
Gear Box	-	6	16
Body (Lug type, RF)	AA40A2E040-B05X-A	6	17
Model Cob, (3-16 NPS)			
Marking	AD-5023-08	7	1
Installation Instruction	-	8	1-11
Model CBL,CBW and CBF, 3 NPS			
Assembly (Model CBL and CBW)	AB88A2D008-A001-B	9	1
Body (Model CBL, FF)	AU02A2D008-B010-A	9	2
Body (Model CBL, FF)	AU02A2D008-B01A-A	9	3
Body (Model CBL, RF)	AU02A2E008-B010-A	9	4
Body (Model CBL, RF)	AU02A2E008-B01A-A	9	5
Body (Model CBW)	AU02A2A008-B010-A	9	6
Body (Model CBW)	AU02A2A008-B01A-A	9	7
Disc	AU01A2X008-DI1X-B	9	8
Shaft	AU01X2A008-SH1X-A	9	9
Shaft Pin	AU00X2A008-SP1X-B	9	10
Gland Packing	AU01X2A008-GP1X-A	9	11
Packing Retainer	AU01X2A008-PR1X-A	9	12
Gland Bush	AU02X2A008-GB1X-A	9	13
Gland Flange	AU02X2A008-GF1X-A	9	14
Bracket	BRKT BAND-F07F07-A	9	15
Bracket Lock Pin	AU00X2A008-LP1X-A	9	16
Assembly (Model CBF)	AB01A2C008AO 000	9A	1
Body (Model CBF)	AB01A2C008BO 000	9A	2

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Model CBL, CBW and CBF, 4 NPS			
Assembly (Model CBL and CBW)	AB88A2D010-A001-B	10	1
Body (Model CBL, FF)	AU02A2D010-B010-A	10	2
Body (Model CBL, FF)	AU02A2D010-B01A-A	10	3
Body (Model CBL, RF)	AU02A2E010-B010-A	10	4
Body (Model CBL, RF)	AU02A2E010-B01A-A	10	5
Body (Model CBW)	AU02A2A010-B010-A	10	6
Body (Model CBW)	AU02A2A010-B01A-A	10	7
Disc	AU01A2X010-DI1X-B	10	8
Shaft	AU01X2A010-SH1X-A	10	9
Shaft Pin	AU00X2A010-SP1X-B	10	10
Gland Packing	AU01X2A010-GP1X-A	10	11
Gland Packing	AU01X2A010-PR1X-A	10	12
Gland Bush	AXU02X2A010-GB1X-A	10	13
Gland Flange	AU02X2A010-GF1X-A	10	14
Bracket	BRKT BAND-F01F01-A	10	15
Brack Lock Pin	AU00X2A010-LP1X-A	10	16
Assembly (Model CBF)	AB01A2C010AO 000	10A	1
Body (Model CBF)	AB01A2C010BO 000	10A	2
Model CBL, CBW and CBF, 6 NPS			
Assembly (Model CBL and CBW)	AB88A2D015-A001-B	11	1
Body (Model CBL, FF)	AU02A2D015-B010-A	11	2
Body (Model CBL, FF)	AU02A2D015-B01A-A	11	3
Body (Model CBL, RF)	AU02A2E015-B010-A	11	4
Body (Model CBL, RF)	AU02A2E015-B01A-A	11	5
Body (Model CBW)	AU02A2A015-B010-A	11	6
Body (Model CBW)	AU02A2A015-B01A-A	11	7
Disc	AU01A2X015-DI1X-B	11	8
Shaft	AU01X2A015-SH1X-A	11	9
Shaft Pin	AU00X2A015-SP1X-B	11	10
Gland Packing	AU01X2A015-GP1X-A	11	11
Packing Retainer	AU01X2A015-PR1X-A	11	12
Gland Bush	AU02X2A015-GB1X-A	11	13
Gland Flange	AU02X2A015-GF1X-A	11	14
Bracket	BRKT BAND-F10F10-G	11	15
Bracket Lock Pin	AU00X2A015-LP1X-A	11	16
Assembly (Model CBF)	AB01A2C015AO 000	11A	1
Body (Model CBF)	AB01A2C015BO 000	11A	2

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Model CBL, CBW and CBF, 8 NPS			
Assembly (Model CBL and CBW)	AB88A2D020-A001-B	12	1
Body (Model CBL, FF)	AU02A2D020-B010-A	12	2
Body (Model CBL, FF)	AU02A2D020-B01A-A	12	3
Body (Model CBL, RF)	AU02A2E020-B010-A	12	4
Body (Model CBL, RF)	AU02A2E020-B01A-A	12	5
Body (Model CBW)	AU02A2A020-B010-A	12	6
Body (Model CBW)	AU02A2A020-B01A-A	12	7
Disc	AU01X2A020-DI1X-A	12	8
Shaft	AU01X2A020-SH1X-A	12	9
Shaft Pin	AU00X2A020-SP1X-B	12	10
Gland Packing	AU01X2A020-GP1X-A	12	11
Packing Retainer	AU01X2A020-PR1X-A	12	12
Gland Bush	AU02X2A020-GB1X-A	12	13
Gland Flange	AU02X2A020-GF1X-A	12	14
Bracket	BRKT BNAD-F10F10-G	12	15
Bracket Lock Pin	AU00X2A020-LP1X-A	12	16
Assembly (Model CBF)	AB01A2C020AO 000	12A	1
Body (Model CBF)	AB01A2C020BO 000	12A	2
Model CBL, CBW and CBF, 10 NPS			
Assembly (Model CBL and CBW)	AB88A2D025-A001-B	13	1
Body (Model CBL, RF)	AU02A2D025-B010-A	13	2
Body (Model CBL, FF)	AU02A2D025-B01A-A	13	3
Body (Model CBL, RF)	AU02A2E025-B010-A	13	4
Body (Model CBL, RF)	AU02A2E025-B01A-A	13	5
Body (Model CBW)	AU02A2A025-B010-A	13	6
Body (Model CBW)	AU02A2A025-B01A-A	13	7
Disc	AU01X2A025-DI1X-A	13	8
Shaft	AU01X2A025-SH1X-A	13	9
Shaft Pin	AU00X2A025-SP1X-B	13	10
Gland Packing	AXU01X2A025-GP1X-A	13	11
Gland Bush	AU02X2A025-GB1X-A	13	12
Gland Flange	AU02X2A025-GF1X-A	13	13
Packing Retainer	AU01X2A025-PR1X-A	13	14
End Cover	AU00X2A025-EC1X-A	13	15
End Cover Gasket	AU00X2A025-EG1X-A	13	16
Bracket	BRKT BAND-F14/F14-F	13	17
Bracket Lock Pin	AU00X2A025-LP1X-A	13	18
Assembly (Model CBF)	AB01A2C025AO 000	13A	1
Body (Model CBF)	AB01A2C025BO 000	13A	2

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Model CBL, CBW and CBF, 12 NPS			
Assembly (Model CBL and CBW)	AB88A2D030-A001-B	14	1
Body (Model CBL, FF)	AU02A2D030-B010-A	14	2
Body (Model CBL, FF)	AU02A2D030-B01A-A	14	3
Body (Model CBL, RF)	AU02A2E030-B010-A	14	4
Body (Model CBL, RF)	AU02A2E030-B01A-A	14	5
Body (Model CBW)	AU02A2A030-B01A-A	14	6
Body (Model CBW)	AU02A2A030-B01A-A	14	7
Disc	AU01X2A030-DI1X-B	14	8
Shaft	AU01X2A030-SH1X-B	14	9
Shaft Pin	AU00X2A030-SP1X-C	14	10
Packing	AU01X2A030-GP1X-A	14	11
Gland Bush	AU02X2A030-GB1X-A	14	12
Gland Flange	AU02X2A030-GF1X-A	14	13
Packing Retainer	AU01X2A030-PR1X-A	14	14
End Cover	AU01X2A030-EC1X-A	14	15
End Cover Gasket	AU01X2A030-EG1X-A	14	16
Bracket	BRKT BAND-F14F16-D	14	17
Bracket Lock Pin	AU00X2A030-LP1X-A	14	18
Assembly (Model CBF)	AB01A2C030AO 000	14A	1
Body (Model CBF)	AB01A2C030BO 000	14A	2
Model CBL CBW and CBF, 14 NPS			
Assembly (Model CBL and CBW)	AB88A2D035-A001-B	15	1
Body (Model CBL, RF)	AU02A2D035-B010-A	15	2
Body (Model CBL, FF)	AU02A2D035-B01A-A	15	3
Body (Model CBL, RF)	AU02A2E035-B010-A	15	4
Body (Model CBL, RF)	AU02A2E035-B01A-A	15	5
Body (Model CBW)	AU02A2A035-B010-A	15	6
Body (Model CBW)	AU02A2A035-B01A-A	15	7
Disc	AU01X2A035-DI1X-A	15	8
Shaft	AU01X2A035-SH1X-A	15	9
Shaft Pin	AU00X2A035-SP1X-B	15	10
Packing	AU01X2A035-GP1X-A	15	11
Gland Bush	AU02X2A035-GB1X-A	15	12
Gland Flange	AU02X2A035-GF1X-A	15	13
Packing Retainer	AU01X2A035-PR1X-A	15	14
End Cover	AU00X2A035-EC1X-A	15	15
End Cover Gasket	AU00X2A035-EG1X-A	15	16
Bracket	BRKT BAND-F14F16-D	15	17
Bracket Lock Pin	AU00X2A035-LP1X-A	15	18
Assembly (Model CBF)	AB01A2C035AO 000	15A	1
Body (Model CBF)	AB00JE035BO 000	15A	2

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Model CBL, CBW and CBF, 16 NPS			
Assembly (Model CBL and CBW)	AB88A2D040-A001-B	16	1
Body (Model CBL, FF)	AU02A2D040-B010-A	16	2
Body (Model CBL, FF)	AU02A2D040-B01A-A	16	3
Body (Model CBL, RF)	AU02A2E040-B010-A	16	4
Body (Model CBL, RF)	AU02A2E040-B01A-A	16	5
Body (Model CBW)	AU02A2A040-B010-A	16	6
Body (Model CBW)	AU02A2A040-B01A-A	16	7
Disc	AU01X2A040-DI1X-A	16	8
Shaft	AU01X2A040-SH1X-A	16	9
Shaft Pin	AU00X2A040-SP1X-B	16	10
Packing	AU01X2A040-GP1X-A	16	11
Gland Bush	AU02X2A040-GB1X-A	16	12
Gland Flange	AU02X2A040-GF1X-A	16	13
Packing Retainer	AU01X2A040-PR1X-A	16	14
End Cover	AU01X2A040-EC1X-A	16	15
End Cover Gasket	AU01X2A040-EG1X-A	16	16
Bracket	BRKT BAND-F14F16-D	16	17
Bracket Lock Pin	AU00X2A040-LP1X-A	16	18
Assembly (Model CBF)	AB01A2C040AO 000	16A	1
Body (Model CBF)	AB01A2C040BO 000	16A	2
Model CBL, CBW and CBF, 18 NPS			
Assembly (Model CBL and CBW)	AB88A2D045-A001-B	17	1
Body (Model CBL, FF)	AU02A2D045-B010-A	17	2
Body (Model CBL, FF)	AU02A2D045-B01A-A	17	3
Body (Model CBL, RF)	AU02A2E045-B010-A	17	4
Body (Model CBL, RF)	AU02A2E045-B01A-A	17	5
Body (Model CBW)	AU02A2A045-B010-A	17	6
Body (Model CBW)	AU02A2A045-B01A-A	17	7
Disc	AU01X2A045-DI1X-A	17	8
Shaft	AU01X2A045-SH1X-A	17	9
Shaft Pin	AU00X2A045-SP1X-B	17	10
Packing	AU01X2A045-GP1X-A	17	11
Gland Bush	AU02X2A045-GB1X-A	17	12
Gland Flange	AU02X2A045-GF1X-A	17	13
Packing Retainer	AU01X2A045-PR1X-A	17	14
End Cover	AU01X2A045-EC1X-A	17	15
End Cover Gasket	AU01X2A045-EG1X-A	17	16
Bracket	BRKT BAND-F16F16-K	17	17
Bracket Lock Pin	AU00X2A045-LP1X-A	17	18
Assembly (Model CBF)	AB01A2C045AO 000	17A	1
Body (Model CBF)	AB01A2C045BO 000	17A	2

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Model CBL, CBW and CBF, 20 NPS			
Assembly (Model CBL and CBW)	AB88A2D050-A001-B	18	1
Body (Model CBL, FF)	AU02A2D050-B010-A	18	2
Body (Model CBL, RF)	AU02A2D050-B01A-A	18	3
Body (Model CBL, RF)	AU02A2E050-B010-A	18	4
Body (Model CBL, RF)	AU02A2E050-B01A-A	18	5
Body (Model CBW)	AU02A2E050-B010-A	18	6
Body (Model CBW)	AU02A2A050-B01A-A	18	7
Disc	AU01X2A050-DI1X-A	18	8
Shaft	AU01X2A050-SH1X-A	18	9
Shaft Pin	AU00X2A050-SP1X-B	18	10
Packing	AU01X2A050-GP1X-A	18	11
Gland Bush	AU02X2A050-GB1X-A	18	12
Gland Flange	AU02X2A050-GF1X-A	18	13
Packing Retainer	AU01X2A050-PR1X-A	18	14
End Cover	AU01X2A050-EC1X-A	18	15
End Cover Gasket	AU01X2A050-EG1X-A	18	16
Bracket	BRKT BAND-F16F16-K	18	17
Bracket Lock Pin	AU00X2A050-LP1X-A	18	18
Assembly (Model CBF)	AB01A2C050AO 000	18A	1
Body (Model CBF)	AB01A2C050BO 000	18A	2
Gear Box for Models CBL and CBW			
3 and 4 NPS	-	19	
6 and 8 NPS	-	20	
10 NPS	-	21	
12, 14 and 16 NPS	-	22	
18 and 20 NPS	-	23	
Handwheel Pin	-	24	
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