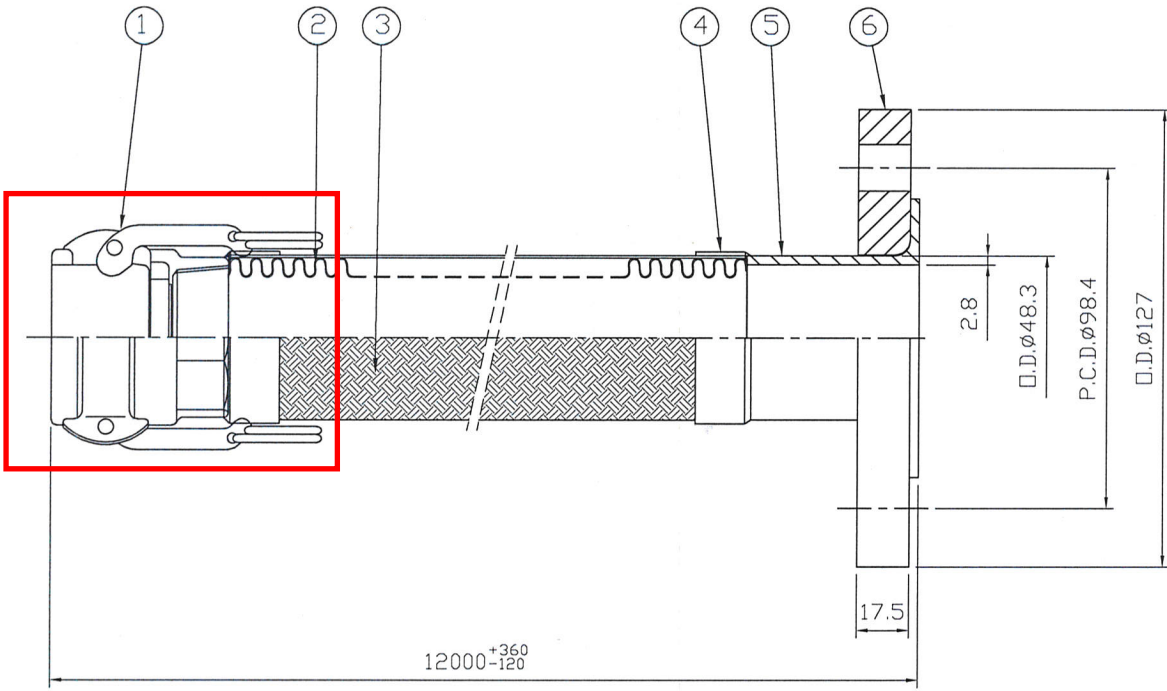
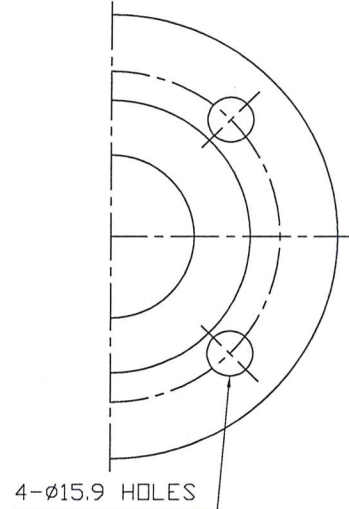


FOR APPROVAL



No.	DESCRIPTION	Q'TY	MATERIAL	REMARKS
1	QUICK COUPLING(TYPE:D)	1	SUS-304	1½"
2	BELLOWS (SPIRAL)	1	SUS-304	1ply
3	WIRE BRAID	1	SUS-304	SINGLE
4	COLLAR RING	2	SUS-304	t=2
5	LAP JOINT (Sch10S)	1	SUS-304	t=2.8
6	FLANGE (1½" /150#/LF)	1	SUS-304	t=17.5
7	NAME PLATE	1	SUS-304	t=1



Remark:
1.PT examination
2.Pressure test

PROD: METAL FLEXIBLE HOSE
DIM: DN40xL12000 mmL
PRESSURE: 7 kg/cm²
TEMPERATURE: 60°C
MFG 2024 BY CDI

DETAIL ⑦

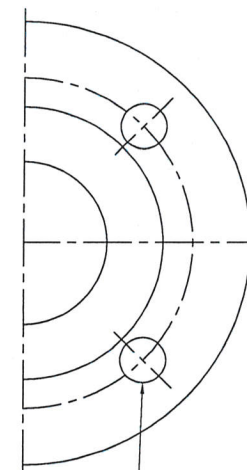
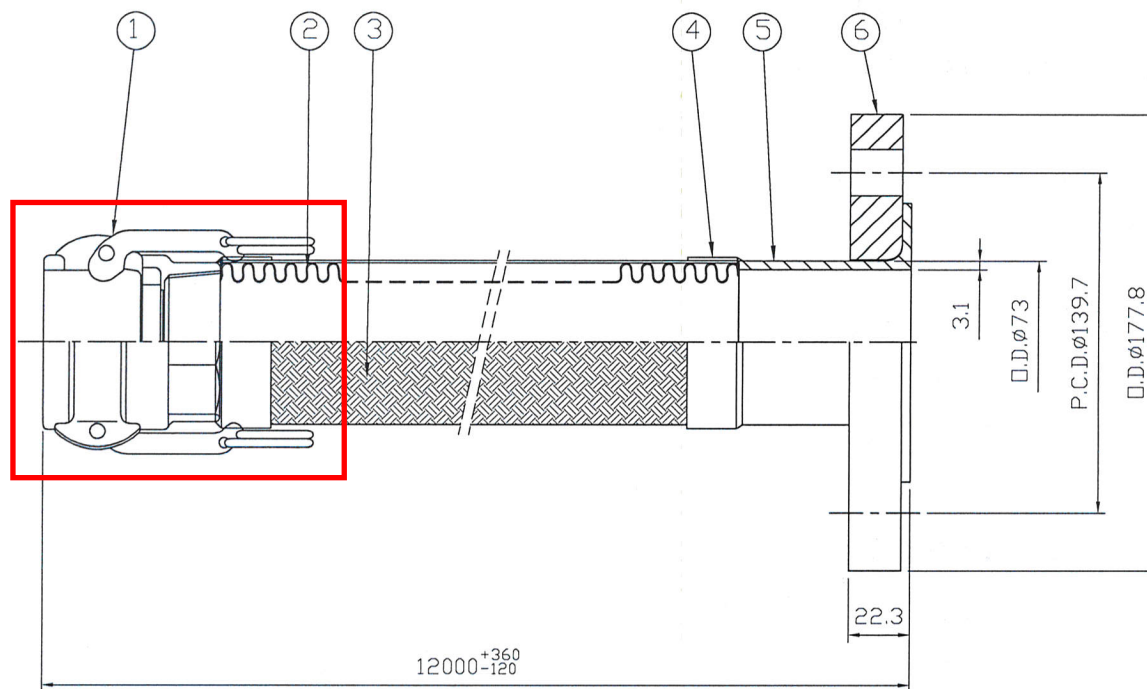
FLX-1	1½"	12000	-	7	-	60	POTABLE WATER	-	-	-	2
Tag No.	SIZE inch	AL mm	Pw kg/cm ²	Pd kg/cm ²	Tw °C	Td °C	FLUID	Vibration Max. Offset Movment(mm)	Static	θ° ANGLE	set

UNIT: mm	> 1000	±2.0
ANGLE TOLERANCE	±0.5°	500(INC.)-1000 ±1.5
▽▽	1.6-0.25 Ra	100(INC.)-500 ±1.0
▽▽	6.3-2.0 Ra	20(INC.)-100 ±0.5
▽	25-8.0 Ra	< 20 ±0.3
SURFACE SMOOTH	LENGTH	TOLERANCE

REV.	DATE	MADE	CHKD	DESCRIPTION	
DESIGNER & MANUFACTURER:				CUSTOMER:	
CDI-BELLOWS (CHERNG DUEY IND. CORP.) 誠兒工業股份有限公司				JFE ENG. CORP. 日商傑富意工程技術公司	
SCALE	TITLE:				
FREE	CPC GUANTANG LNG JETTY PROJ. 中油桃園觀塘接收站外推方案製程設備與管線統包工程 METAL QD+BF TYPE FLEXIBLE HOSE (DN40 x L12000)(W11-11303001)				
DATE		NAME		DATE	NAME
DRAWN 2024. 03. 26		Y. L. HONG		CHECKED	
DESIGNED 2024. 03. 26		Y. L. HONG		APPROVED	
PROJECT NO. JK1875/GDX1126001			SUBSTITUTE FOR		
MFR. OR DSN. DWG. NO. CDI-QDBBB0B-1			SHT.NO. REV.NO. ORDER NO.		
			A600		

FOR APPROVAL

No.	DESCRIPTION	Q' TY	MATERIAL	REMARKS
1	QUICK COUPLING(TYPE:D)	1	SUS-304	2½"
2	BELLOWS (SPIRAL)	1	SUS-304	1ply
3	WIRE BRAID	1	SUS-304	SINGLE
4	COLLAR RING	2	SUS-304	t=2
5	LAP JOINT (Sch10S)	1	SUS-304	t=3. 1
6	FLANGE (2½" /150#/LF)	1	SUS-304	t=22. 3
7	NAME PLATE	1	SUS-304	t=1






4-Ø19.1 HOLES

Remark:
1. PT examination
2. Pressure test

PROD: METAL FLEXIBLE HOSE
DIM: DN65xL12000 mmL
PRESSURE: 7 kg/cm²
TEMPERATURE: 60°C
MFG 2024 BY CDI

DETAIL ⑦

UNIT: mm		> 1000	±2.0
ANGLE TOLERANCE	±0.5°	500(INC.)-1000	±1.5
	1.6-0.25 Ra	100(INC.)-500	±1.0
	6.3-2.0 Ra	20(INC.)-100	±0.5
	25-8.0 Ra	< 20	±0.3
SURFACE SMOOTH		LENGTH	TOLERANCE

[illegible]

KAMLOK® SERIES

OPW Engineered Systems Kamlok® Quick Disconnects are the industry-standard in cam and groove couplers for safety and ease of use.

All OPW Kamloks® feature the exclusive Twin-Kam™ arm design to prevent accidental release, and Spring-Ring™ to ensure proper position of finger rings for ease of operation.

Benefits

- **Long-Life Reliability** – Specially designed and manufactured with the highest alloys and gasket materials to endure the harshest environments.
- **Added Protection** – Exclusive features, such as Twin-Kam™ arms with special detent to secure arms in position to prevent accidental uncoupling.
- **Ease-of-Use** – Cam and groove design means smooth coupling and uncoupling while the patented Spring-Ring™ feature ensures that the finger rings do not get trapped under the coupling arms.
- **Best Value** – Built to the highest quality standards with special ease-of-use design features at the price point of other standard cam and groove couplers makes OPW Kamloks® the best overall value in the industry.

Features

- **Cam and Groove Design** – Provides for reliable, smooth operation in 360° orientation.
- **Exclusive Twin-Kam™ Arms** – Provides detent position that helps prevent unintentional arm release beyond 45°. Guaranteed For Life (GFL™) – if an arm breaks, it is replaced for FREE.
- **Spring-Ring™ Finger Rings** – Rings won't get trapped under the arms with this patented feature, so opening/closing is quick and easy every time.
- **Available in stainless steel in a wide variety of sizes.**
- **Arm Pins** – Rust-proof stainless steel.



Spring-Ring™ Finger Rings prevent rings from getting trapped under arms.



Detent position of Twin-Kam™ arms help prevent unintentional arm release.

Ordering Specifications

633 B Coupler - Male NPT



Prod. No.	Size
633B-SS05	1/2"
633B-SS07	3/4"
633B-SS10	1"
633B-SS12	1-1/4"
633B-SS15	1-1/2"
633B-SS20	2"
633B-SS25	2-1/2"
633B-SS30	3"
633B-SS40	4"

633 C Coupler - Hose Shank



Prod. No.	Size
633C-SS05	1/2"
633C-SS07	3/4"
633C-SS10	1"
633C-SS12	1-1/4"
633C-SS15	1-1/2"
633C-SS20	2"
633C-SS25	2-1/2"
633C-SS30	3"
633C-SS40	4"

633 D Coupler - Female NPT



Prod. No.	Size
633D-SS05	1/2"
633D-SS07	3/4"
633D-SS10	1"
633D-SS12	1-1/4"
633D-SS15	1-1/2"
633D-SS20	2"
633D-SS25	2-1/2"
633D-SS30	3"
633D-SS40	4"

634 B Dust Cap*



*Dust caps and plugs are NOT to be used in pressure applications.

Prod. No.	Size
634B-SS05	1/2"
634B-SS07	3/4"
634B-SS10	1"
634B-SS12	1-1/4"
634B-SS15	1-1/2"
634B-SS20	2"
634B-SS25	2-1/2"
634B-SS30	3"
634B-SS40	4"

See page 23 for Mating Adaptors

IMPORTANT: OPW products should be used in compliance with applicable federal, state, provincial, and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and materials to be handled. OPW MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR USE. All illustrations and specifications in this literature are based on the latest product information available at the time of publication. OPW reserves the right to make changes at any time in prices, materials, specifications and models and to discontinue models without notice or obligation.