

WONKWANG VALVE

SHIPBUILDING
& INDUSTRY VALVES



CEO Message

First of all, I appreciate your visiting in WONKWANG VALVE Co.,LTD. With pleasure, we present to you our business and our offerings. For vessels, our firm manufactures and provides CAC(BC), FC, SC, SF, SUS Valve, and Strainer. We are particularly knowledgeable and experienced when it comes to valves and strainers for vessels. As a result, we promptly deliver products of the highest quality that are required for both new ship construction and ship repair.

WONKWANG VALVE is dedicated to continuous research and development and relentless efforts to achieve growth and development as the top-notch company not only domestically but also as a world-class enterprise. We are committed to various technological advancements and quality improvements, with our research center at the forefront.

In the future, WONKWANG VALVE will continue to promise our customers the supply of top-quality products and the provision of excellent services. We will be sincere and confident in fulfilling our commitments to our customers, striving to do our best.

CEO 

History

- 2002 11 The company was established under the name of WONKWANG VALVE CO.,LTD. in Busan
- 2003 01 Registered at the NAKATANI Shipbuilding Co.,Ltd. In Japan
- 2003 05 Registered at the Defense Acquisition Program Administration of Navy Joined as A Member of Korean Valve Industry Cooperation
- 2004 04 Registered at the STX Shipbuilding
- 2004 09 Achieved ISO 9001/2000
- 2004 11 Expansion and movement of our factory from Gam jeon-dong to Noksan National Industrial Complex
- 2007 06 Achieved Mechanical Material & parts Industrial certification
- 2007 09 Appointment Promising Small and Medium Size Company
- 2008 06 Appointment as Export Promising Small and Medium Sized Company
- 2008 09 Registered at the DAESUN Shipbuilding Co., Ltd.
- 2009 04 Expansion of our factory (Noksan National Industrial Complex-Second private factory)
- 2009 06 Established subsidiary Company (WONKWANG VALVE CO., LTD.) LR, BV, GL, DNV, KR, RINA Certificate
- 2009 08 Established WONKWANG R&D CENTER
- 2009 11 Registered at the HANJIN HEAVY INDUSTRIES & SONSTRUCTION CO., LTD.
- 2010 04 Registered at the DAEWOO Shipbuilding & Marine Engineering Co., Ltd.
- 2010 04 Registered at the HYUNDAI Mipo Dockyard Co., Ltd.
- 2010 05 Registered at the DSEC Marine Engineering Co., Ltd.
- 2011 09 Registered at the SAMSUNG HEAVY INDUSTRIES CO.,LTD.
- 2011 12 Registered at the HYUNDAI HEAVY INDUSTRIES CO., LTD.
- 2015 12 Registered at the Hyosung, Corporation Co., Ltd.
- 2016 02 Achieved ISO 14001/2015
- 2016 06 Registered at the KOSPO, KOWEPO, KOMIPO, EWP, KOSEP
- 2016 09 Achieved ISO 45001/2018
- 2017 01 Registered at the KEPSCO PLANT SERVICE&ENGINEERING CO., LTD.
- 2017 11 Registered at the POSCO E&C
- 2018 10 Registered at the Samsung Electronics
- 2019 02 Registered at the HANWHA POWER SYSTEM
- 2021 06 TR-CU Certificate
- 2021 12 Achieved ISO 9001/2015, ISO 14001/2015 and ISO 45001/2018 Integrated certificate

Certificate



ISO 9001



ISO 14001



ISO 45001



INNO-BIZ



leading company



KS



Venture



BV



DNV



KR



LR



RINA



ABS



RS



NK





Shipbuilding Valves

BRONZE PART / CAST IRON PART / CAST STEEL PART /
STAINLESS STEEL PART / BALL VALVES / STRAINER PART /
Control Panel With Air Reservoir / G/E Box, Wire handle /
Turbocharger Cut-Out Valve

BRONZE PART

GLOBE VALVES



GLOBE VALVES

Standard	Pressure	Size
JIS F7301	5K	15A~65A
JIS F7303	16K	15A~40A

GLOBE CHECK VALVES

Standard	Pressure	Size
JIS F7351	5K	15A~65A
JIS F7409	16K	15A~40A

ANGLE VALVES



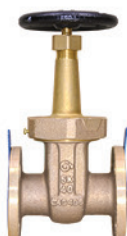
ANGLE VALVES

Standard	Pressure	Size
JIS F7302	5K	15A~65A
JIS F7304	16K	15A~40A

ANGLE CHECK VALVES

Standard	Pressure	Size
JIS F7352	5K	15A~65A
JIS F7410	16K	15A~40A

GATE VALVES



GATE VALVES (RISING STEM)

Standard	Pressure	Size
JIS F7367	5K	15A~40A
JIS F7368	10K	15A~40A

SWING CHECK VALVES



SWING CHECK VALVES

Standard	Pressure	Size
JIS F7371	5K	25A~40A

LIFT CHECK VALVES



LIFT CHECK GLOBE VALVES

Standard	Pressure	Size
JIS F7415	5K	15A~40A
JIS F7417	16K	15A~40A

LIFT CHECK ANGLE VALVES

Standard	Pressure	Size
JIS F7416	5K	15A~40A
JIS F7418	16K	15A~40A

Shipbuilding Valves

BRONZE PART

HOSE VALVES (15A, 25A)



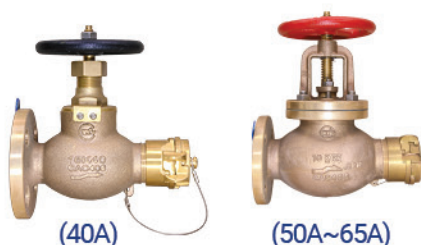
HOSE GLOBE VALVES

Standard	Pressure	Size
JIS F7334	5K	15A, 25A
	10K	15A, 25A

HOSE ANGLE VALVES

Standard	Pressure	Size
JIS F7334	5K	15A, 25A
	10K	15A, 25A

HOSE VALVES (40A~65A)



HOSE GLOBE VALVES

Standard	Pressure	Size
JIS F7334	5K	40A~65A
	10K	40A~65A

HOSE ANGLE VALVES

Standard	Pressure	Size
JIS F7334	5K	40A~65A
	10K	40A~65A

SELF CLOSING VALVES



SELF CLOSING VALVES

Standard	Pressure	Size
JIS F7398	5K	25A~50A
	10K	25A~50A

EMERGENCY SHUT-OFF VALVES



EMERGENCY SHUT-OFF VALVES

Standard	Pressure	Size
JIS F7399	5K	15A~40A
	16K	15A~40A

FOOT VALVES



FOOT VALVES

Standard	Pressure	Size
JIS F3056	5K	40A~80A

CAST IRON PART

GLOBE VALVES



GLOBE VALVES

Standard	Pressure	Size
JIS F7305	5K	50A~400A
JIS F7307	10K	50A~400A
JIS F7309	16K	50A~400A

GLOBE CHECK VALVES

Standard	Pressure	Size
JIS F7353	5K	50A~400A
JIS F7375	10K	50A~400A
JIS F7377	16K	50A~400A

ANGLE VALVES



ANGLE VALVES

Standard	Pressure	Size
JIS F7306	5K	50A~400A
JIS F7308	10K	50A~400A
JIS F7310	16K	50A~400A

ANGLE CHECK VALVES

Standard	Pressure	Size
JIS F7354	5K	50A~400A
JIS F7376	10K	50A~400A
JIS F7378	16K	50A~400A

GATE VALVES



GATE VALVES (NON-RISING STEM)

Standard	Pressure	Size
JIS F7363	5K	50A~400A
JIS F7364	10K	50A~400A
JIS F7369	16K	300A~400A

SWING CHECK VALVES



SWING CHECK VALVES

Standard	Pressure	Size
JIS F7372	5K	50A~250A
JIS F7373	10K	50A~200A

CAST IRON PART

LIFT CHECK GLOBE VALVES



LIFT CHECK GLOBE VALVES

Standard	Pressure	Size
JIS F7358	5K	50A~150A
	10K	50A~200A

LIFT CHECK ANGLE VALVES



LIFT CHECK ANGLE VALVES

Standard	Pressure	Size
JIS F7359	5K	50A~150A
	10K	50A~200A

SIGHT GLASS (FLAT TYPE)



SIGHT GLASS (FLAT TYPE)

Standard	Pressure	Size
	5K	40A~100A

CAST STEEL PART

GLOBE VALVES



GLOBE VALVES

Standard	Pressure	Size
JIS F7305R	5K	50A~300A
JIS F7319	10K	50A~300A
JIS F7309R	16K	50A~200A

GLOBE CHECK VALVES

Standard	Pressure	Size
JIS F7353R	5K	50A~300A
JIS F7471	10K	50A~300A
JIS F7377R	16K	50A~200A

ANGLE VALVES



ANGLE VALVES

Standard	Pressure	Size
JIS F7306R	5K	50A~300A
JIS F7320	10K	50A~300A
JIS F7310R	16K	50A~200A

ANGLE CHECK VALVES

Standard	Pressure	Size
JIS F7354R	5K	50A~300A
JIS F7472	10K	50A~300A
JIS F7378R	16K	50A~200A

GLOBE VALVES (20K)



GLOBE VALVES

Standard	Pressure	Size
JIS F7313	20K	32A~250A

GLOBE CHECK VALVES

Standard	Pressure	Size
JIS F7473	20K	32A~250A

ANGLE VALVES (20K)



ANGLE VALVES

Standard	Pressure	Size
JIS F7314	20K	32A~250A

ANGLE CHECK VALVES

Standard	Pressure	Size
JIS F7474	20K	32A~250A

Shipbuilding Valves

CAST STEEL PART

GLOBE / ANGLE VALVES (30K, 40K)



GLOBE VALVES

Standard	Pressure	Size
JIS F7340	30K	32A~150A
JIS F7317	40K	32A~150A

ANGLE VALVES

Standard	Pressure	Size
JIS F7475	30K	32A~150A
JIS F7318	40K	32A~150A

GATE VALVES



GATE VALVES (NON-RISING STEM)

Standard	Pressure	Size
JIS F7366	10K	50A~400A

EMERGENCY SHUT-OFF VALVES



EMERGENCY SHUT-OFF VALVES

Standard	Pressure	Size
JIS F7399	5K	50A~200A
	10K	50A~200A

STORM GLOBE VALVES



STORM GLOBE VALVES

Standard	Pressure	Size
JIS F3060	5K	50A~150A

STORM ANGLE VALVES



STORM ANGLE VALVES

Standard	Pressure	Size
JIS F3060R	5K	50A~150A

STAINLESS STEEL PART

GLOBE VALVES



GLOBE VALVES

Standard	Pressure	Size
JIS F7301R	5K	15A~40A
JIS F7303R	16K	15A~40A

GLOBE CHECK VALVES

Standard	Pressure	Size
JIS F7351R	5K	15A~40A
JIS F7409R	16K	15A~40A

ANGLE VALVES



ANGLE VALVES

Standard	Pressure	Size
JIS F7302R	5K	15A~40A
JIS F7304R	16K	15A~40A

ANGLE CHECK VALVES

Standard	Pressure	Size
JIS F7352R	5K	15A~40A
JIS F7410R	16K	15A~40A

GLOBE VALVES (50A~300A)



GLOBE VALVES

Standard	Pressure	Size
JIS F7305R	5K	50A~300A
JIS F7319R	10K	50A~300A

GLOBE CHECK VALVES

Standard	Pressure	Size
JIS F7353R	5K	50A~300A
JIS F7375R	10K	50A~300A

ANGLE VALVES (50A~300A)



ANGLE VALVES

Standard	Pressure	Size
JIS F7306R	5K	50A~300A
JIS F7320R	10K	50A~300A

ANGLE CHECK VALVES

Standard	Pressure	Size
JIS F7354R	5K	50A~300A
JIS F7376R	10K	50A~300A

Shipbuilding Valves

BALL VALVES

BALL VALVES



BALL VALVES

Standard	Pressure	Size
MAKER STANDARD	5K	15A~65A
	10K	15A~65A
	16K	50A~80A

Material

SCS13, SCS14, SCS16, CAC406

HOSE BALL VALVES



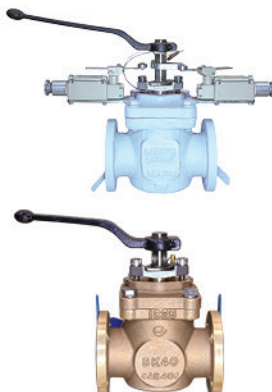
HOSE BALL VALVES

Standard	Pressure	Size
MAKER STANDARD	5K	15A, 25A, 40A~65A
	10K	15A, 25A, 40A~65A

Material

SCS13, SCS14, SCS16, CAC406

3-WAY BALL VALVES



3-WAY BALL VALVES (T, L)

Standard	Pressure	Size
MAKER STANDARD	5K	15A~150A
	10K	15A~150A

Material

SC, CAC406

STRAINER PART

SIMPLEX WATER STRAINER



SIMPLEX WATER STRAINER (S, LA, LB, LC, LD)

Standard	Pressure	Size
JIS F7121		25A~100A (S, LA, LB)
		125A~400A (S, LC, LD)

SIMPLEX OIL STRAINER



SIMPLEX OIL STRAINER (S, LA, LB)

Standard	Pressure	Size
JIS F7209		25A~300A

SMALL SIZE DUPLEX OIL STRAINER



SMALL SIZE DUPLEX OIL STRAINER (PC)

Standard	Pressure	Size
JIS F7224		25A~40A

DUPLEX OIL STRAINER (H) YOKE TYPE



DUPLEX OIL STRAINER (H) YOKE TYPE

Standard	Pressure	Size
JIS F7208		25A~200A

STRAINER PART

MUD BOX



MUD BOX S-TYPE

Standard	Pressure	Size
JIS F7203		40A~250A

MUD BOX L-TYPE

Standard	Pressure	Size
JIS F7203		40A~250A

STEEL PLATE SIMPLEX OIL STRAINER



STEEL PLATE SIMPLEX OIL STRAINER

Standard	Pressure	Size
JIS F7225		300A~400A

STEEL PLATE SIMPLEX WATER STRAINER



STEEL PLATE SIMPLEX WATER STRAINER

Standard	Pressure	Size
JIS F7226		450A~800A

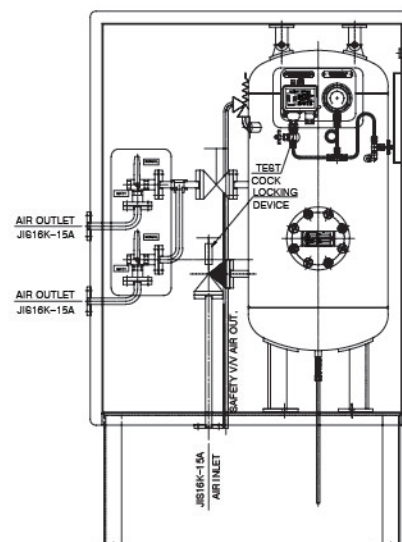
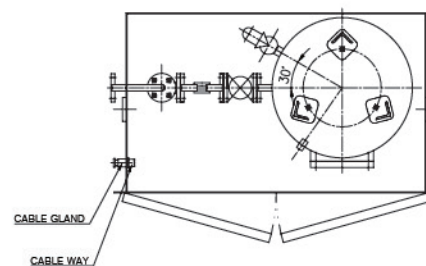
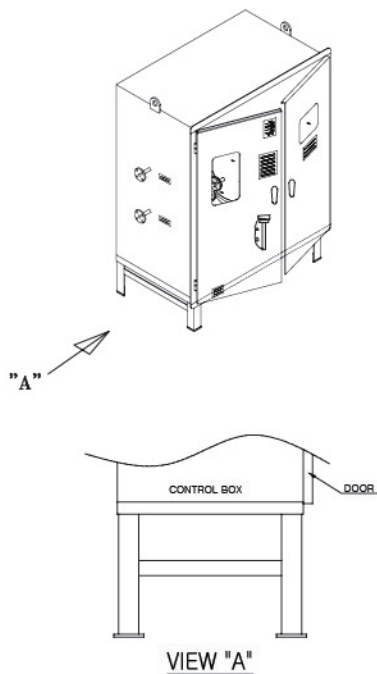
| Control Panel with Air Reservoir



<Control box outside>



<Control box inside>



VOLUME	W	H	L
150	1080	1640	630
200	1180	1640	730
250	1180	1840	730
300	1230	1840	830

Shipbuilding Valves

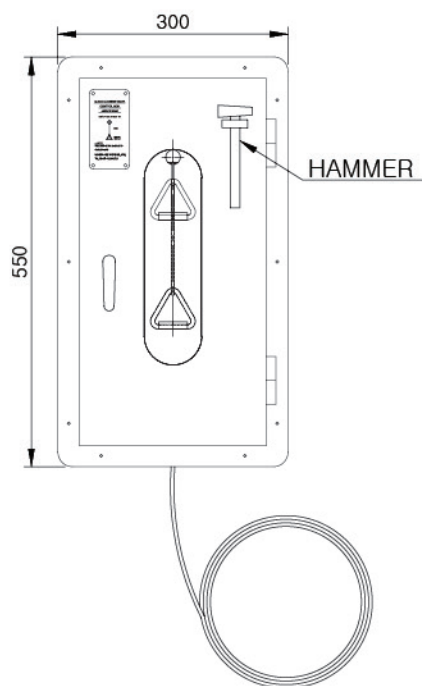
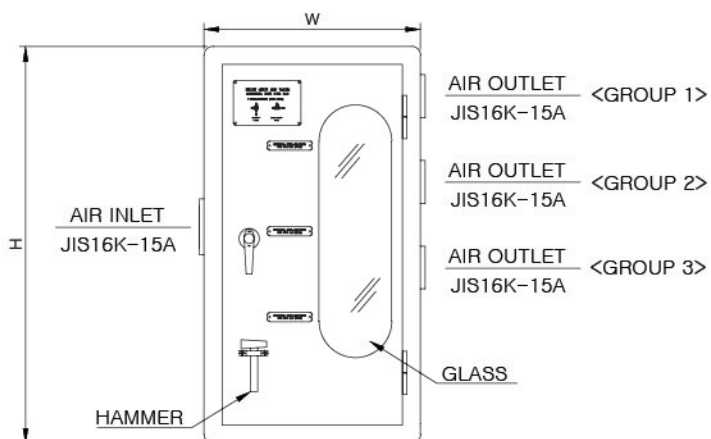
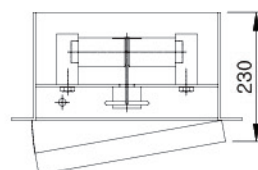
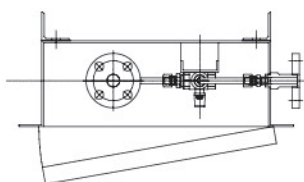
I G/E Box, Wire handle



<Control box G/E>

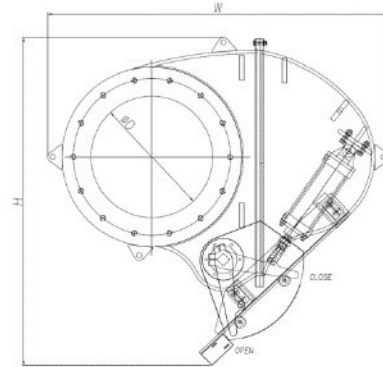


<Control box handle>



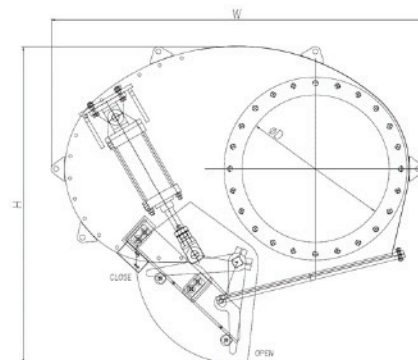
VOLUME	W	H
1	430	530
2	430	680
3	430	830
4	430	980

| Turbocharger Cut-Out Valve (AIR)

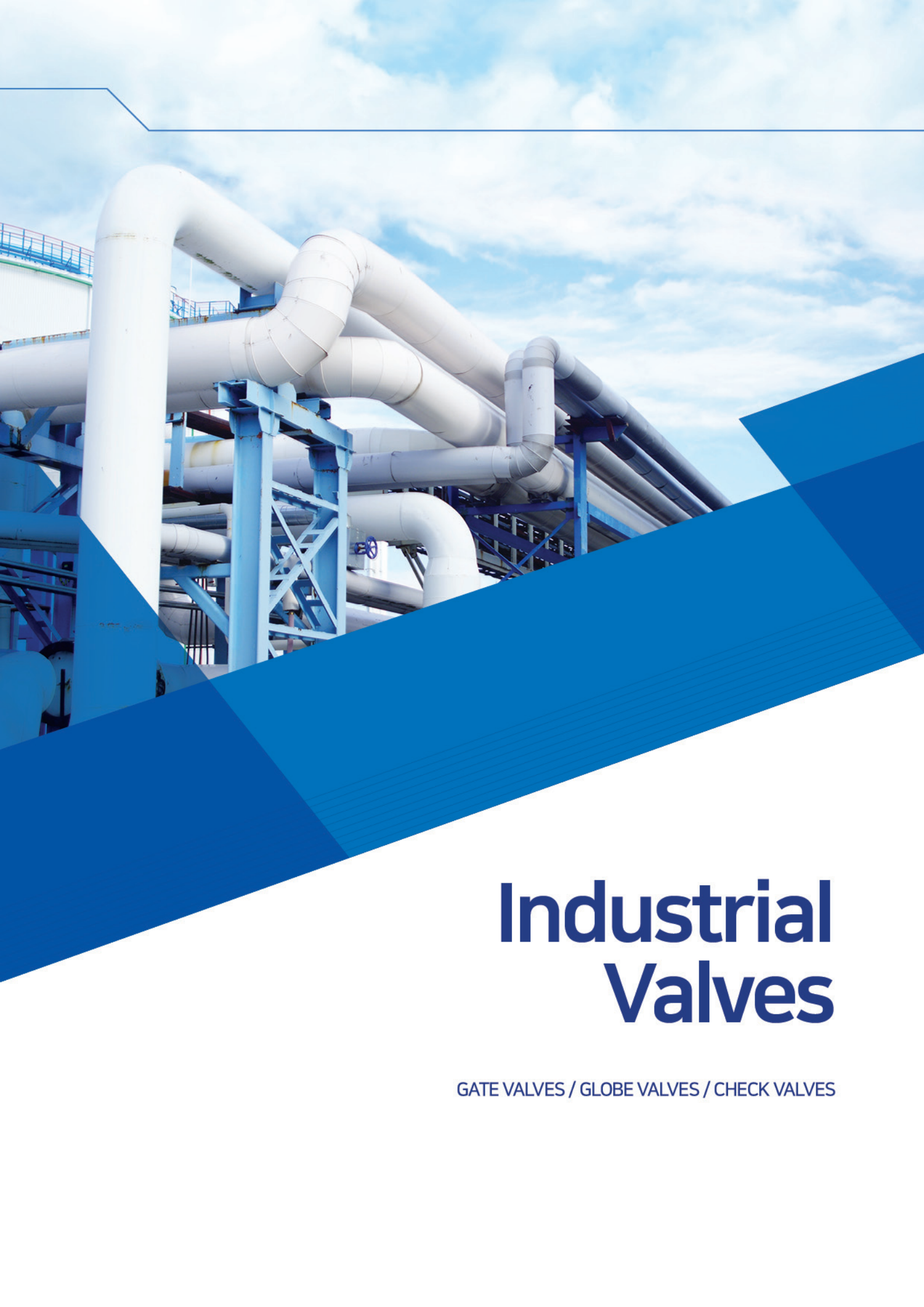


MODEL NO.	W	H	ØD
TPL 85	1500	1400	Ø534
TPL 91	1981	1700	Ø703
TCA 77	1450	1550	Ø490
MET 66	1380	1480	Ø380
MET 71 SE	1450	1520	Ø453

| Turbocharger Cut-Out Valve (TURBINE)



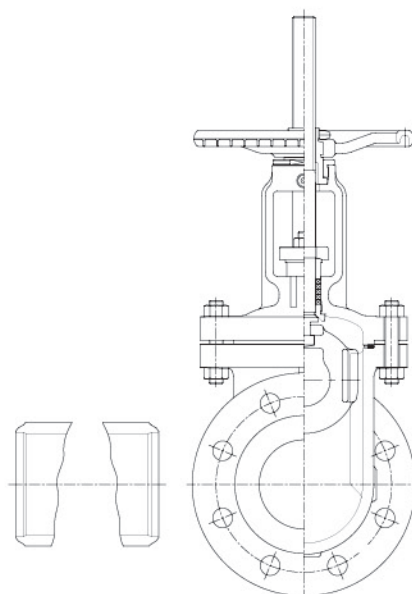
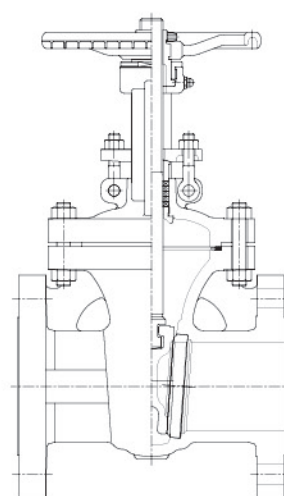
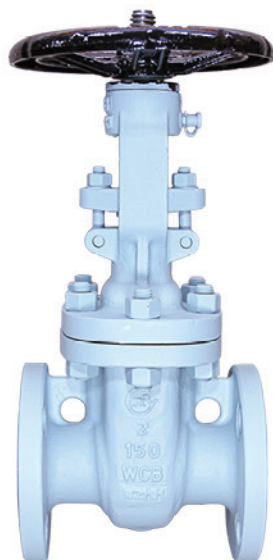
MODEL NO.	W	H	ØD
TPL 85	1700	1500	Ø680
TPL 91	2100	1800	Ø816
TCA 77	1600	1450	Ø510
MET 66	1450	1500	Ø480
MET 71 SE	1500	1550	Ø515



Industrial Valves

GATE VALVES / GLOBE VALVES / CHECK VALVES

| GATE VALVES



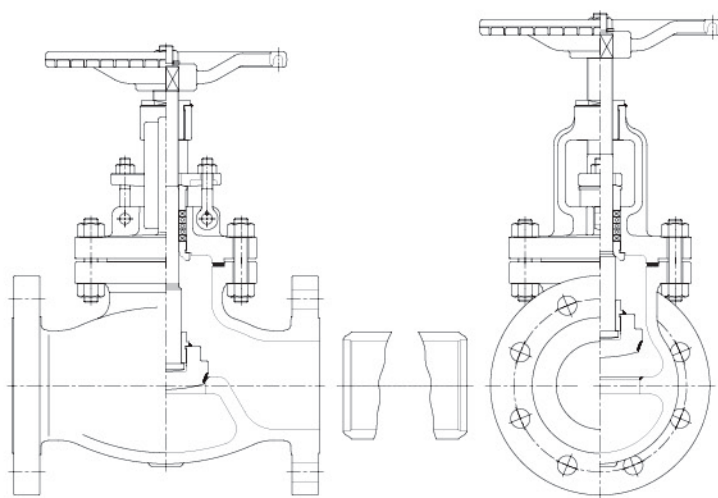
Production Range

STANDARD	TYPE	CLASS	SIZE	CONNECTION
ANSI ASME	Bolted Bonnet	150# - 2500#	2" - 30"	Flange (RF / FF / RTJ) BW
	Pressure Seal Bonnet	600# - 2500#	2" - 30"	Flange (RF / FF / RTJ) BW
JIS KS	Bolted Bonnet	10K / 20K / 40K / 63K	50A - 750A	Flange (RF / FF / RTJ) BW
	Pressure Seal Bonnet	40K / 63K	50A - 750A	Flange (RF / FF / RTJ) BW

Material

Stainless Steel	Hi Alloy / Duplex	Carbon Steel	Low Alloy Steel
CF3 / SCS19	MONEL	WCB / SCPh2	WC6
CF3M / SCS16	INCONEL	LCB / SCPL1	WC9
CF8 / SCS13	HASTELLOY	LCC	C5
CF8M / SCS14	NI-AL BRONZE		C12
CG8M	DUPLEX		C12A
CF3C	SUPER DUPLEX		
CK20 / SCS18			
CN7M / SCS23			

| GLOBE VALVES



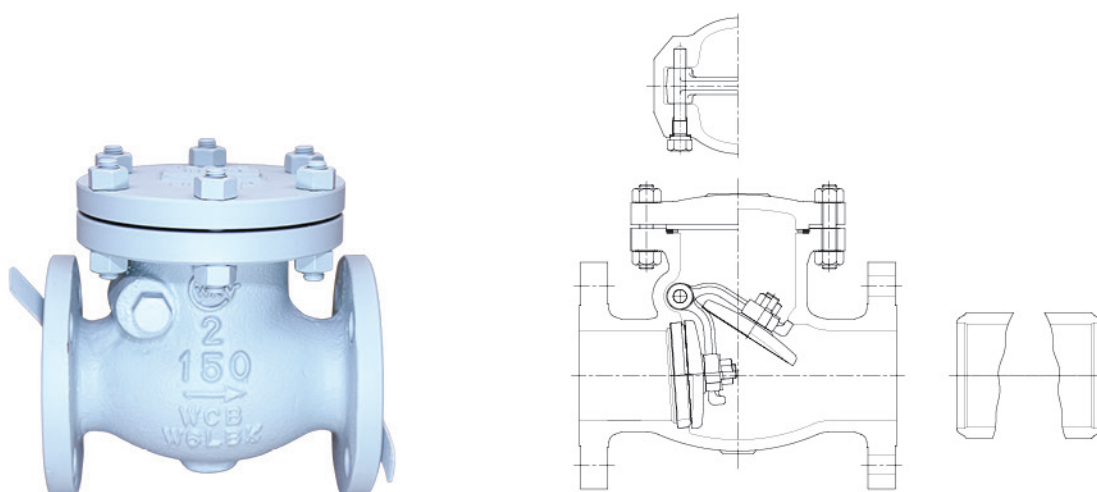
Production Range

STANDARD	TYPE	CLASS	SIZE	CONNECTION
ANSI ASME	Bolted Bonnet	150# - 2500#	2" - 30"	Flange (RF / FF / RTJ) BW
	Pressure Seal Bonnet	600# - 2500#	2" - 30"	Flange (RF / FF / RTJ) BW
JIS KS	Bolted Bonnet	10K / 20K / 40K / 63K	50A - 750A	Flange (RF / FF / RTJ) BW
	Pressure Seal Bonnet	40K / 63K	50A - 750A	Flange (RF / FF / RTJ) BW

Material

Stainless Steel	Hi Alloy / Duplex	Carbon Steel	Low Alloy Steel
CF3 / SCS19	MONEL	WCB / SCPh2	WC6
CF3M / SCS16	INCONEL	LCB / SCPL1	WC9
CF8 / SCS13	HASTELLOY	LCC	C5
CF8M / SCS14	NI-AL BRONZE		C12
CG8M	DUPLEX		C12A
CF3C	SUPER DUPLEX		
CK20 / SCS18			
CN7M / SCS23			

| CHECK VALVES



Production Range

STANDARD	TYPE	CLASS	SIZE	CONNECTION
ANSI ASME	Bolted Bonnet	150# - 2500#	2" - 30"	Flange (RF / FF / RTJ) BW
	Pressure Seal Bonnet	600# - 2500#	2" - 30"	Flange (RF / FF / RTJ) BW
JIS KS	Bolted Bonnet	10K / 20K / 40K / 63K	50A - 750A	Flange (RF / FF / RTJ) BW
	Pressure Seal Bonnet	40K / 63K	50A - 750A	Flange (RF / FF / RTJ) BW

Material

Stainless Steel	Hi Alloy / Duplex	Carbon Steel	Low Alloy Steel
CF3 / SCS19	MONEL	WCB / SCPh2	WC6
CF3M / SCS16	INCONEL	LCB / SCPL1	WC9
CF8 / SCS13	HASTELLOY	LCC	C5
CF8M / SCS14	NI-AL BRONZE		C12
CG8M	DUPLEX		C12A
CF3C	SUPER DUPLEX		
CK20 / SCS18			
CN7M / SCS23			



Cryogenic Valves

Cryogenic Valves

CRYOGENIC TOP ENTRY BALL VALVE (LEVER TYPE)



CRYOGENIC TOP ENTRY BALL VALVE (LEVER TYPE)

Standard	Type	Pressure	Size
ANSI, ASME, API	BOLTED BONNET	150#	1/2"~2"

CRYOGENIC TOP ENTRY BALL VALVE (WORM GEAR TYPE)



CRYOGENIC TOP ENTRY BALL VALVE (WORM GEAR TYPE)

Standard	Type	Pressure	Size
ANSI, ASME, API	BOLTED BONNET	150#	2-1/2"~12"

CRYOGENIC GATE VAVE



CRYOGENIC GATE VAVE

Standard	Type	Pressure	Size
ANSI, ASME	BOLTED BONNET	150#~300#	2"~14"

CRYOGENIC GLOBE VAVE



CRYOGENIC GLOBE VAVE

Standard	Type	Pressure	Size
ANSI, ASME	BOLTED BONNET	150#~300#	2"~14"

CRYOGENIC SWING CHECK VAVE



CRYOGENIC SWING CHECK VAVE

Standard	Type	Pressure	Size
ANSI, ASME	BOLTED BONNET	150#~300#	2"~14"



VALVE EXPERTS GROUP

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