

FOR THE FUTURE WITH PASSION & CREATIVITY & CHALLENGE

SUN KOREA

VISION

*FOR THE FUTURE WITH
PASSION & CREATIVITY & CHALLENGE!*



SUN KOREA with DREAM & FUTURE

**FOR THE FUTURE WITH PASSION & CREATIVITY
& CHALLENGE, SUN KOREA CO.,LTD.**



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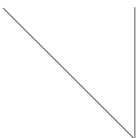
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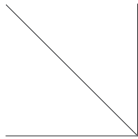


We comply with basic principle for business management and maintain a clean organization culture. Better working environment and welfare for employees can give more opportunities for self-development. We always care for the bigger performance-based on good compensation. Our employee has strong pride and good performance bring highest level of quality, continuous operational innovation and global competitiveness.

We always believe,
“Promise and practice is our pride.”
“Practical achievement is our life.”
“Innovative people are the most important asset.”
Don't forget “Customer's satisfaction is our heart.”

World, Stage of unlimited possibilities

We heartily welcome your attention to
“SUN KOREA CO., LTD.” catalogue and very honored to
have an opportunity of introducing our company.



We, “SUN KOREA CO., LTD.” have focused on items of shipbuilding parts, on/offshore oil & gas, chemical & petrochemical area accumulating wealth of experience & excellent reputation because of strong competitiveness such as high quality, reasonable price and on time delivery.

On the strength of our challenge and our willingness to achieve a satisfaction of our customer, will make our best efforts to place its highest priority on our customer’s satisfaction and grow further to ensure prosperity for all our business partner.

We will continue to take on new challenge and find new ways to improve our products and services. As we can instruct technical advice and control the quality for our customer’s demand with professional dealing experience in these items, we believe can find many ways to cooperate with you for our mutual benefit.

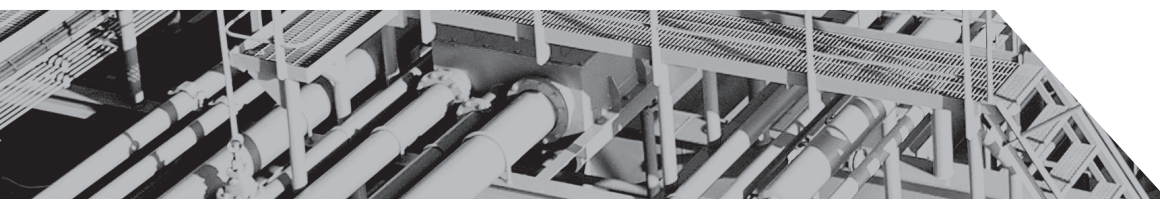
We also continue our best attention to satisfy customer’s demand with full of service and strongly want to develop long term business relationship on the basis of credit.

We look forward to your continued encouragement and support.
Always very appreciated for your kindly attention & cooperation !

Thanks & best regards

President

S.S LEE (James Lee) *James. Lee*



SUN KOREA CO., LTD

#498-65, DAEJEON 1 DONG, GANGSEO-GU, BUSAN, KOREA

SUN PRECISION CO., LTD

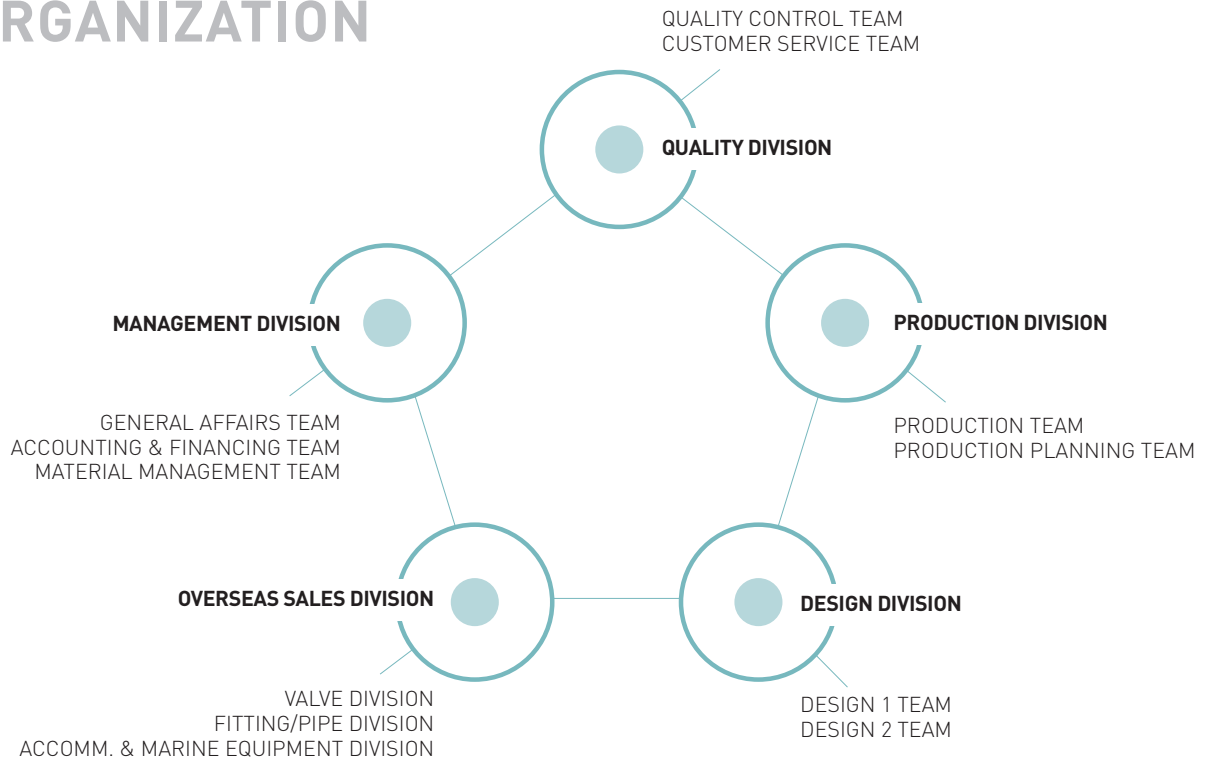
#498-67, DAEJEON 1 DONG, GANGSEO-GU, BUSAN, KOREA

SUN DESIGN CO., LTD

#492-2, DAEWOO EDEN PLAZA, HADAN-2 DONG, SAHA-GU, BUSAN, KOREA



ORGANIZATION



COMPANY HISTORY



- 2002** -
- FEB.2002** THE COMPANY WAS ESTABLISHED UNDER THE NAME OF "SUN VALVE CO.,LTD"
 - MAR.2002** JOINED A MEMBERSHIP OF SHIPBUILDING EQUIPMENT BUSINESS.
 - MAY.2002** REGISTERED AT THE MINISTRY OF TRADE AND INDUSTRY AND ENERGY AS MANUFACTURER & TRADING COMPANY.
 - NOV.2002** GRANTED AS A MAKER BY KOREA SAFETY CORPORATION.
- 2003** -
- APR.2003** FOUNDED QUALITY CONTROL DIVISION COMMITTEE
 - JUL.2003** CERTIFIED AS A MEMBER OF KOREA INTERNATIONAL TRADE ASSOCIATION.
 - SEP.2003** REGISTERED AS A BUSINESS PARTNER TO MUHIBBAH MARINE ENGINEERING SDN BHD.(MALAYSIA)
- 2004** -
- JAN.2004** JOINED A MEMBERSHIP OF KOREA MACHINERY INDUSTRY ASSOCIATION.
 - AUG.2004** REGISTERED AS A BUSINESS PARTNER TO SEMBAWANG SHIPYARD PTE LTD (SSPL), (SINGAPORE)
 - SEP.2004** REGISTERED AS A BUSINESS PARTNER TO JURONG SHIPYARD PTE LTD. (SINGAPORE)
- 2005** -
- FEB.2005** APPROVED AS OF SUPPLIER FOR WATER & FIRE POWER PLANT EQUIPMENT FROM KHI. (R.O.KOREA)
 - MAR.2005** REGISTERED AS A BUSINESS PARTNER TO UNITHAI SHIPYARD & ENGINEERING LTD. (THAILAND)
 - APR.2005** RENAMED THE COMPANY NAME INTO "SUN INTERNATIONAL CO.,LTD"
 - MAY.2005** REGISTERED AS A BUSINESS PARTNER TO DUBAI DRYDOCKS WORLD. (UAE)
 - AUG.2005** CERTIFIED THE CLEAN COMPANY BY THE MINISTER OF LABOR.
 - NOV.2005** REGISTERED AS A BUSINESS PARTNER TO ZAMIL OPERATION & MAINTENANCE CO.,LTD (FOR SHIPBUILDING) (SAUDI ARABIA)
 - DEC.2005** CONFORMATION CERTIFICATE OF VENTURE COMPANY.
- 2006** -
- JAN.2006** REGISTERED AS A BUSINESS PARTNER TO PT PAL INDONESIA (INDONESIA)
 - MAR.2006** REGISTERED AS A BUSINESS PARTNER TO BOUSTEAD PENANG SHIPYARD SDN BHD. (MALAYSIA)
 - MAY.2006** REGISTERED AS A BUSINESS PARTNER TO COLOMBO DOCKYARD LTD. (SRI LANKA)
 - MAY.2006** REGISTERED AS A BUSINESS PARTNER TO KEPPEL SINGMARINE PTE LTD. (SINGAPORE)
 - AUG.2006** SELECTED AS A LEADING EXPORTER BY OFFICE OF KOREA INDUSTRIAL PROMOTION.
 - DEC.2006** INTRODUCED ERP (ENTERPRISE RESOURCE PLANNING) SYSTEM.
- 2007** -
- FEB.2007** REGISTERED AS A BUSINESS PARTNER TO BHARATI SHIPYARD LTD. (INDIA)
 - MAY.2007** REGISTERED AS A BUSINESS PARTNER TO SAIGON SHIPYARD IND. (VIETNAM)
 - JULY.2007** REGISTERED AS A BUSINESS PARTNER TO COCHIN SHIPYARD LTD. (INDIA)
 - AUG.2007** REGISTERED AS A BUSINESS PARTNER TO PT DOK & PERKAPALAN KODJA BAHARI (PERSERO) (INDONESIA)
 - OCT.2007** REGISTERED AS A BUSINESS PARTNER TO SPF (STAINLESS PIPE & FITTINGS). (AUSTRALIA)
 - NOV.2007** REGISTERED AS A BUSINESS PARTNER TO TUONG AIK SHIPYARD SDN BHD. (MALAYSIA)
 - NOV.2007** MOVED AND EXPANDED OUR HEADQUARTER : 492-2, DAEWOO EDEN PLAZA, SAHA-GU, BUSAN, KOREA
 - DEC.2007** MADE BUSINESS RELATIONSHIP TO ABG SHIPYARD LTD. (INDIA)

2008

- JAN.2008** OPENED WAREHOUSE AT DAEJEO 1 DONG, GANGSEOGU, PUSAN, KOREA
REGISTERED AS A BUSINESS PARTNER TO ASIAN MARINE SERVICES PUBLIC COMPANY LIMITED. (THAILAND)
- MAR.2008** REGISTERED AS A BUSINESS PARTNER TO KLINGER DANMARK (DANMARK)
- APR.2008** REGISTERED AS A BUSINESS PARTNER TO CHOWGULE AND COMPANY PVT.LTD. (INDIA)
REGISTERED AS A BUSINESS PARTNER TO TO PT. BATAMEC (INDONESIA)
- MAY.2008** REGISTERED AS A BUSINESS PARTNER TO ITALTHAI MARINE LTD. (THAILAND)
- AUG.2008** REGISTERED AS A BUSINESS PARTNER TO NGV TECH SDN BHD.
REGISTERED CORPORATION COMPANY AS "SUN KOREA CO.,LTD"
- SEP.2008** OPENED 2ND WAREHOUSE IN 3686-7, DAEJEO 1 DONG, GANGSEOGU, PUSAN, KOREA
- NOV.2008** MADE NEW FACTORY AT NOKSAN INDUSTRIAL COMPLEX IN BUSAN.

2009

- APR.2009** REGISTERED AS A BUSINESS PARTNER TO ITS (STI INDUSTRIAL TECHNICAL SUPPLIES BV) (NETHERLANDS)
- AUG.2009** START BUSINESS COOPERATION FOR OVERSEAS MARKETING WITH "EUN KWANG INOTECH CO.,LTD"
- MAY.2009** REGISTERED AS A BUSINESS PARTNER TO MARINE TRADE (CROATIA)
- JULY.2009** OBTAINED THE CLEAN FACTORY FROM THE BUSAN REGIONAL MINISTRY OF KOREA.
- SEP.2009** REGISTERED AS A BUSINESS PARTNER TO PPL SHIPYARD PTE LTD (SINGAPORE)
- OCT.2009** REGISTERED AS A BUSINESS PARTNER TO DUBAI SHIPBUILDING & ENGINEERING L.L.C. (U.A.E.)
- DEC.2009** SELECTED AS A PROMISING MEDIUM ENTERPRISE BY INDUSTRIAL BANK OF KOREA.

2010

- APR.2010** REGISTERED AS A BUSINESS PARTNER TO EMAS OFFSHORE CONSTRUCTION & PRODUCTION (SINGAPORE)
- JUN.2010** REGISTERED AS A BUSINESS PARTNER TO TEBMA SHIPYARDS LTD (INDIA)
- AUG.2010** REGISTERED AS A BUSINESS PARTNER TO SHIN YANG SHIPYARD SDN.BHD. (MALAYSIA)
REGISTERED AS A BUSINESS PARTNER TO PIASAU SLIPWAYS SDN.BHD. (MALAYSIA)

2011

- FEB.2011** REGISTERED AS A BUSINESS PARTNER TO TRIYARDS SSY (VIETNAM)
REGISTERED AS A BUSINESS PARTNER TO TRIYARDS SOFEL (VIETNAM)
- OCT.2011** REGISTERED AS A BUSINESS PARTNER TO DUNG QUAT SHIPBUILDING INDUSTRY COMPANY LTD. (VIETNAM)
- DEC.2011** SELECTED AS A SUPERIORITY COMPANY BY KOREAN GOVERNMENT.

2012

- FEB.2012** REGISTERED AS A BUSINESS PARTNER TO TIMBLO DRYDOCKS PVT LTD. (INDIA)
- JUN.2012** REGISTERED AS A BUSINESS PARTNER TO DONG BAC SHIPYARD. (VIETNAM)
- DEC.2012** SELECTED AS A LEADING COMPANY IN TOTAL EXPORT VALUE BY KOREAN GOVERNMENT.

2013

- MAY.2013** REGISTERED AS A BUSINESS PARTNER TO SBM OFFSHORE (NETHERLAND)
- JUN.2013** REGISTERED AS A BUSINESS PARTNER TO KEPPEL FELS LIMITED. (SINGAPORE)
- OCT.2013** REGISTERED AS A BUSINESS PARTNER TO PETROVIETNAM MARINE SHIPYARD COMPANY. (VIETNAM)

2014

- MAY.2014** ESTABLISHED RESEARCH & DEVELOPMENT CENTER CERTIFIED.
(KOREA INDUSTRIAL TECHNOLOGY ASSOCIATION.)
- SEP.2014** MADE OUR AFFILIATE COMPANY "SUN PRECISION CO.,LTD"
#498-67, DAEJEO 1 DONG, GANGSEO-GU, BUSAN, KOREA
- NOV.2014** OPENED OUR NEW WAREHOUSE
#498-66, DAEJEO 1 DONG, GANGSEO-GU, BUSAN, KOREA
- DEC.2014** SELECTED AS A PROMISING MEDIUM ENTERPRISE BY WOORI BANK IN KOREA.

2015

- JAN.2015** MOVED AND EXPANDED OUR HEADOFFICE AND FACTORY.
#498-65, DAEJEO 1 DONG, GANGSEO-GU, BUSAN, KOREA

OUR PROMISE TO OUR CUSTOMERS

Based on respect for partnership with our relevant maker, **Sun Korea Co.,Ltd** will establish a creative and cooperative organizational culture and enhance the company's competitiveness.



WE ALWAYS WITH YOU!

Our philosophy is to always provide sincere and honest service to our customers. With our customer-oriented management, we hope to achieve greater customer satisfaction.

CUSTOMER ORIENTED VALUE

DEVELOP PRODUCTS AND SERVICES FOR CUSTOMER ORIENTED SATISFACTION



- TOP QUALITY PRODUCT
- CUSTOMER ORIENTED PRICES
- HIGH QUALITY SERVICES

BUILD SPEEDY

BASED ON THE SPEEDY MANAGEMENT, ENHANCE OUR COMPANY'S COMPETITIVENESS



- TIMELY
- EFFICIENCY
- RESPONSIBILITY

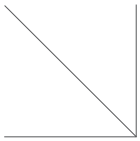
HUMAN RESOURCE MANAGEMENT

PROVIDE A FLEXIBLE AND CREATIVE COOPERATION CULTURE WITH OUR MANY RELEVANT MAKERS.



- FLEXIBLE
- CREATIVE
- COOPERATIVE

World, Stage of unlimited possibilities.



ON/OFFSHORE OIL & GAS

SUN KOREA CO., Ltd takes a major role providing proper valves & fittings on satisfying the technical specification and quality standards of oil & gas production.



CHEMICAL & PETROCHEMICAL AREA

SUN KOREA CO., Ltd takes a major role providing proper valves & fittings on satisfying the technical specification and quality standards of chemical & petrochemical.



SHIPBUILDING AREA

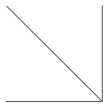
SUN KOREA CO., Ltd takes a major role providing proper valves & fittings on satisfying the technical specification and quality standards of shipbuilding.

Taking first priority for customer's satisfaction based on pursuing top quality, reasonable price, on time delivery with full of service.

Our dedication to progress is driven our enthusiasm.

- Quality of our products and services is a direct reflection of our continuous efforts and hard work.
- We will continue to take on new challenges and find new ways to improve our products and services.

SUN'S OVERSEAS MARKET AREA



AUSTRALIA / CHINA / DENMARK / EGYPT /
ENGLAND / GREECE / INDIA / INDONESIA / IRAN /
ITALY / JAPAN / MALAYSIA / PAKISTAN / PHILIPPINES /
ROMANIA / SAUDI ARABIA / SINGAPORE / SPAIN /
SRI LANKA / SWITZERLAND / THAILAND / TURKEY /
UAE / U.S.A / VIETNAM



PRODUCT INTRODUCTION

C O N T E N T S



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SIMPLEX STRAINERS WATER STRAINER FOR CASTING -1

General

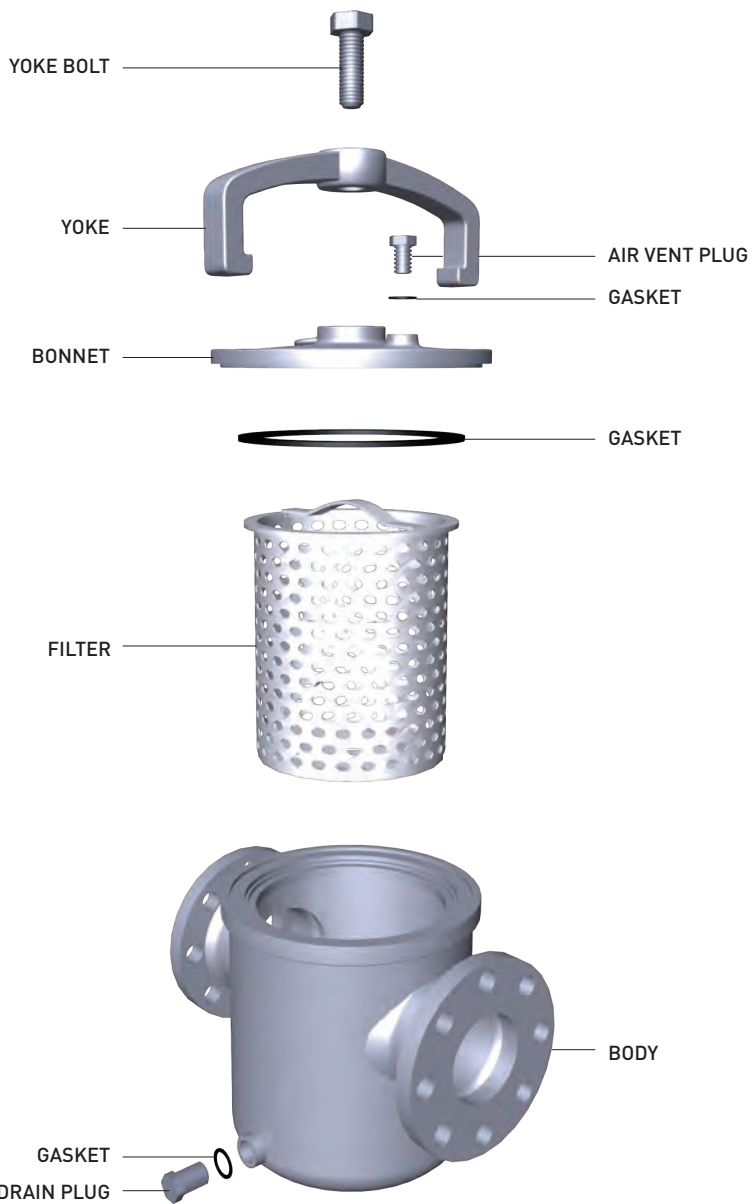
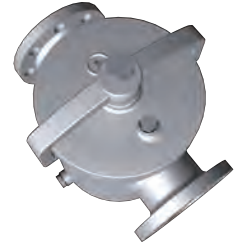
Water strainers for casting are available with bolted or quick release yoked cover. Yoke cover units are ideally suited for applications where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



Specifications

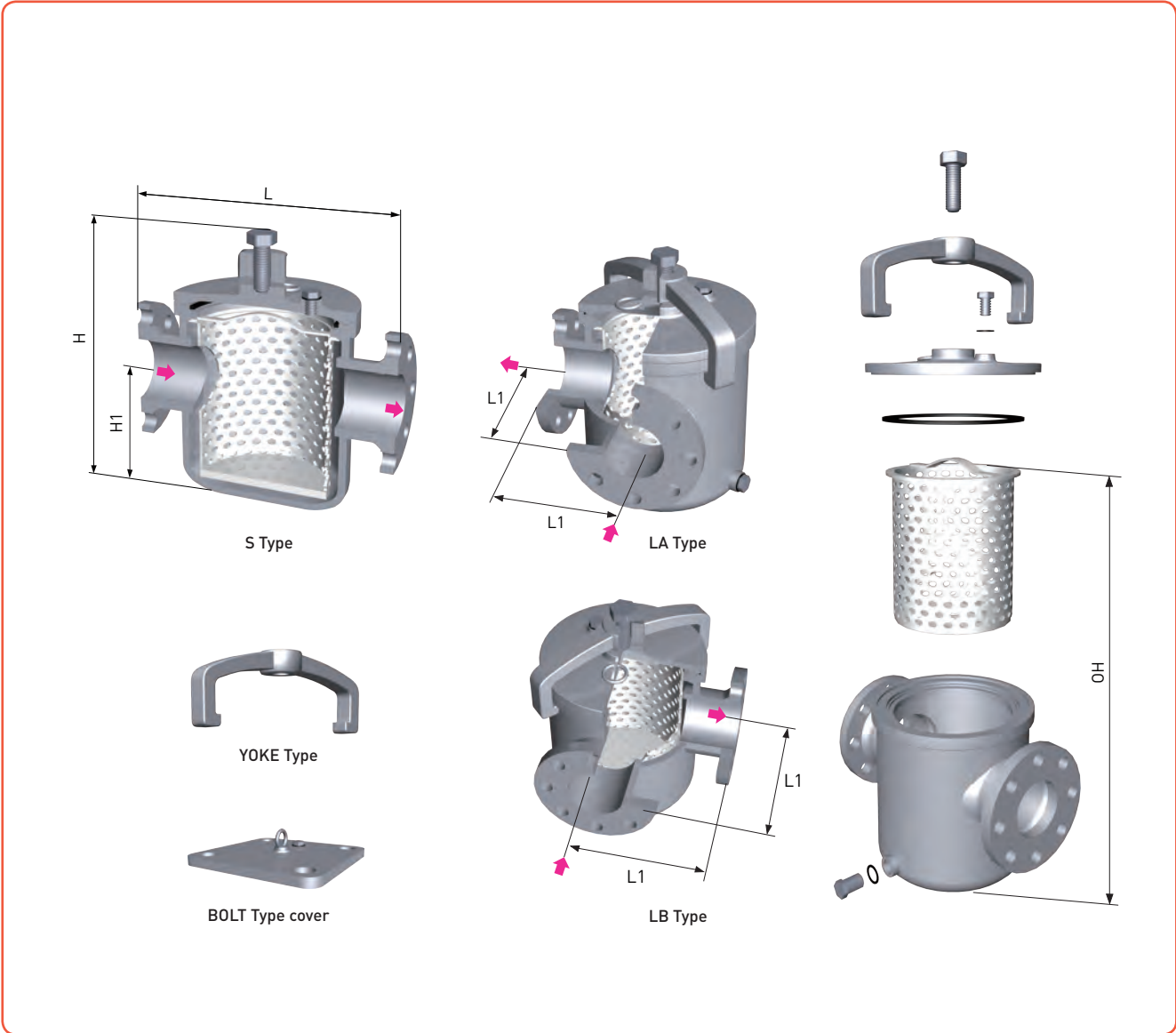
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Cast Iron, Cast Steel, Cast Stainless Steel, Cast Bronze & Etc.
 - Filter : Mild Steel, Stainless Steel, Brass, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #100 / 11100 ~ 140 micron
- Lifting : Ring, Yoke
- Cover bolting : Yoke, Bolt
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Water, Sea Water & Etc.

PART LIST OF WATER STRAINER FOR CASTING



WATER STRAINER
FOR CASTING

SIMPLEX STRAINERS - WATER STRAINER FOR CASTING-1



DIMENSION TABLE

UNIT(mm)

Nominal dia	L	L1	H1	H	OH	DRAIN / VENT PLUG	Net Weight (kg)
25A	170	85	75	180	213	M16x2P	7
32A	190	95	85	215	250	M16x2P	9.5
40A	190	95	85	215	250	M16x2P	10
50A	200	100	100	240	291	M16x2P	12
65A	250	125	135	305	376	M20x1.5P	20
80A	270	135	152	340	432	M20x1.5P	25
100A	320	160	185	400	521	M20x1.5P	37

※ We can fabrication for addition of more size.

SIMPLEX STRAINERS WATER STRAINER FOR CASTING -2

General

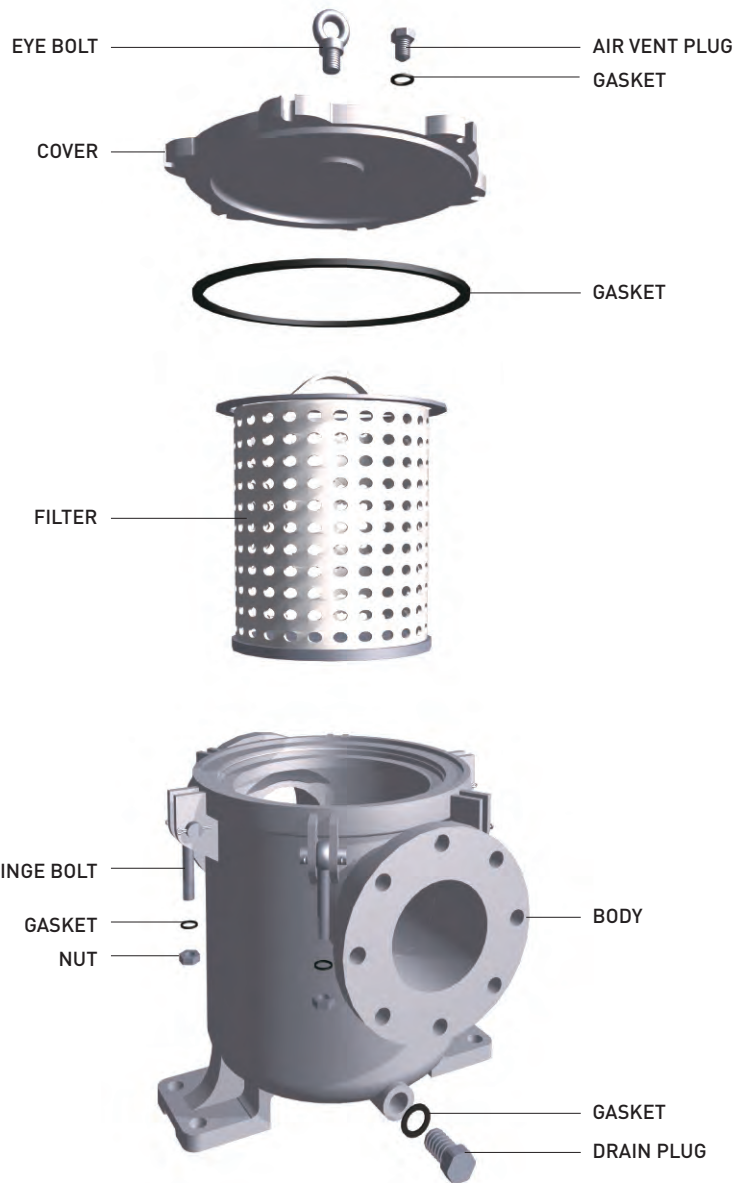
Water strainers for casting are available with bolted or quick release hinge bolted cover hinge bolted cover units are ideally suited for applications. Where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



Specifications

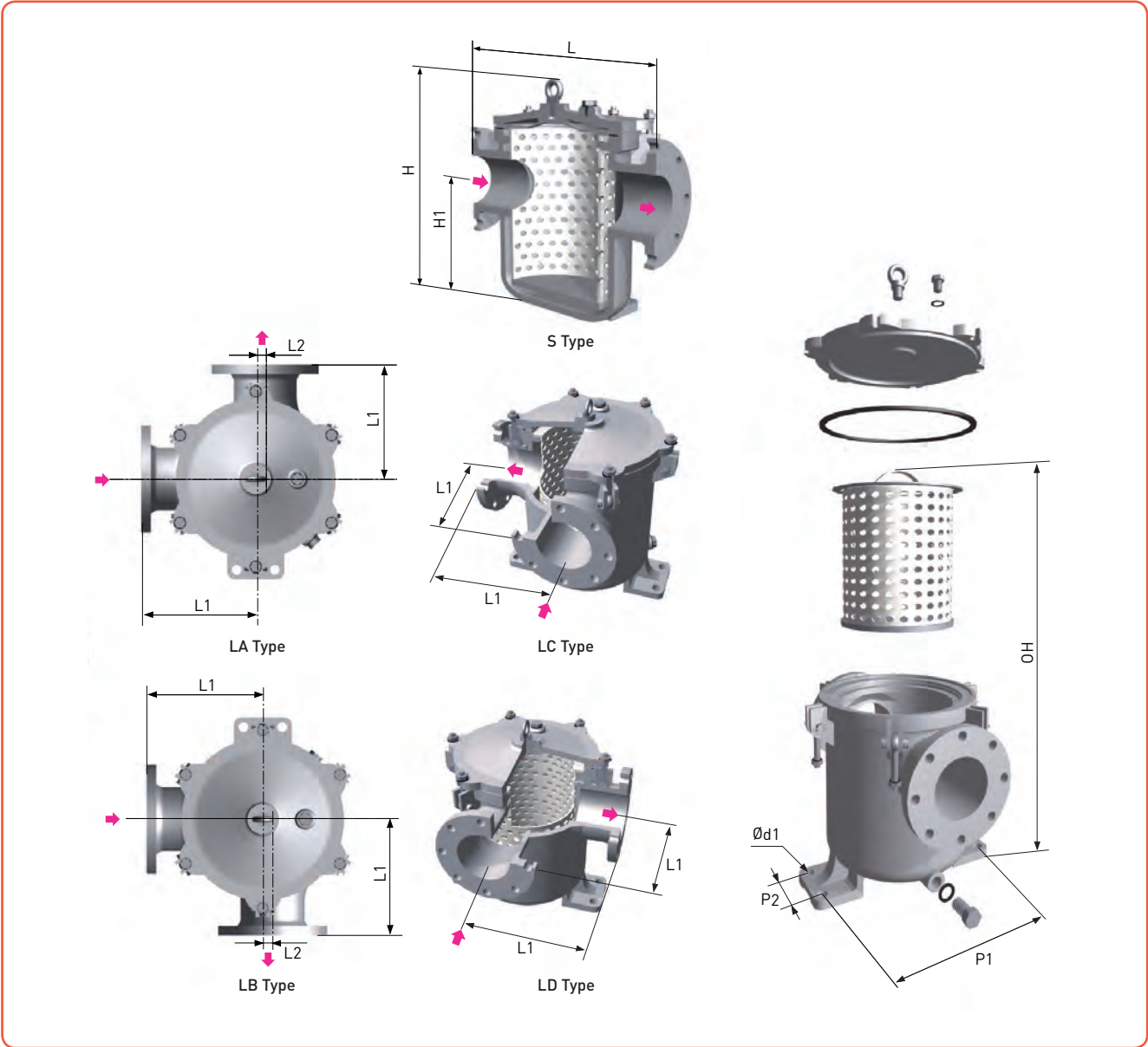
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Cast iron, Cast Steel, Cast Stainless Steel, Cast Bronze & Etc.
 - Filter : Carbon Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #100 / 11100 ~ 140 micron
- Lifting : Lug, Eye bolt & Etc.
- Cover bolting : Hinge, Stud, Hexagon & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Water & Etc.

PART LIST OF WATER STRAINER FOR CASTING



WATER STRAINER
FOR CASTING

SIMPLEX STRAINERS - WATER STRAINER FOR CASTING-2



DIMENSION TABLE

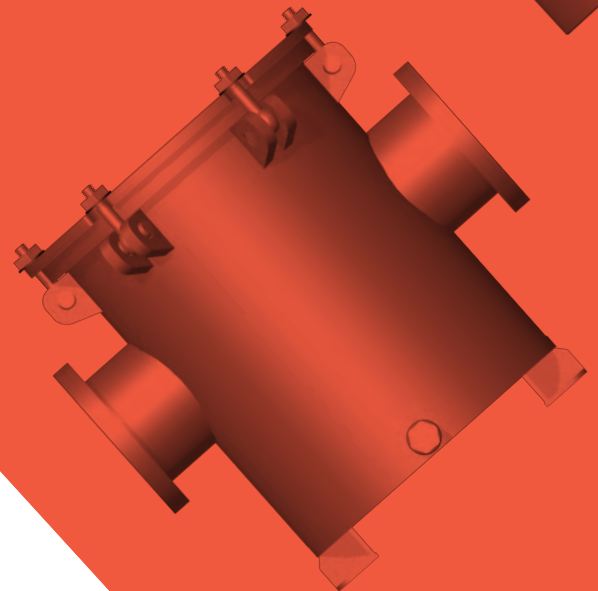
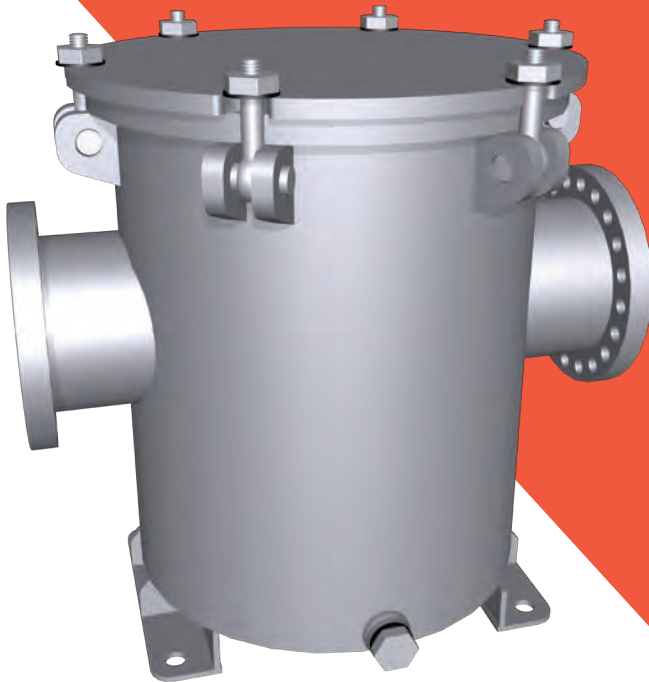
Nominal dia	L	L1	L2	H1	H	OH	MOUNTING LEG			DRAIN / VENT PLUG	Net Weight(kg)
							P1	P2	d1		
125A	400	200	30	235	485	672	260	80	Ø19	M24x2P	65
150A	460	230	35	290	575	809	310	90	Ø19	M24x2P	92
200A	550	275	50	350	665	1010	380	100	Ø23	M24x2P	159
250A	680	340	60	450	825	1254	480	140	Ø25	M24x2P	266
300A	760	380	70	515	920	1434	540	160	Ø25	M24x2P	335
350A	820	410	75	575	1030	1634	590	180	Ø25	M24x2P	458
400A	880	440	80	645	1135	1823	650	200	Ø25	M24x2P	616

※ We can fabrication for addition of more size.

SIMPLEX STRAINERS WATER STRAINER FOR STEEL PLATE-1

General

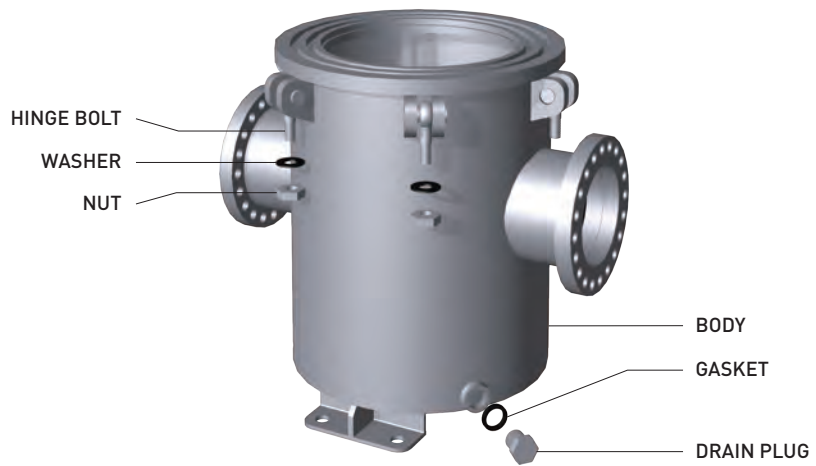
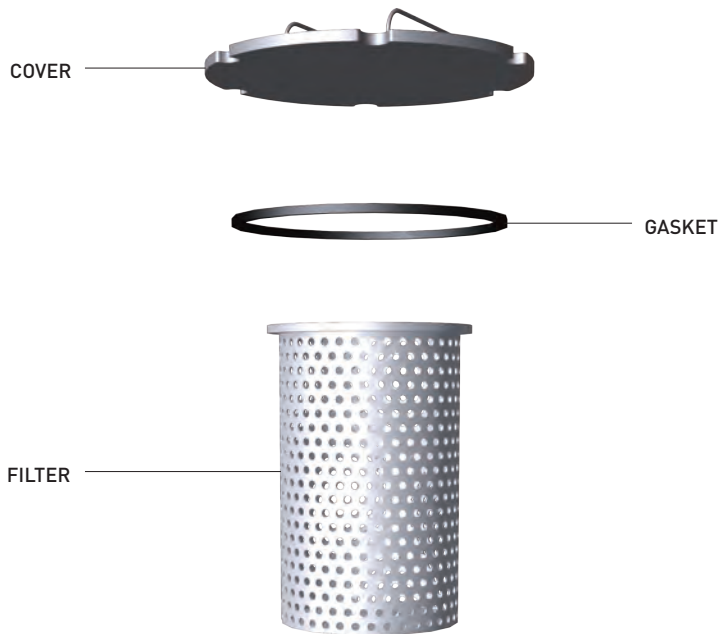
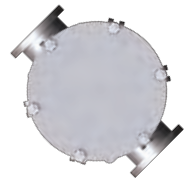
Water strainers for steel plate are available with bolted or quick release hinge bolted cover hinge bolted cover units are ideally suited for applications. Where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



Specifications

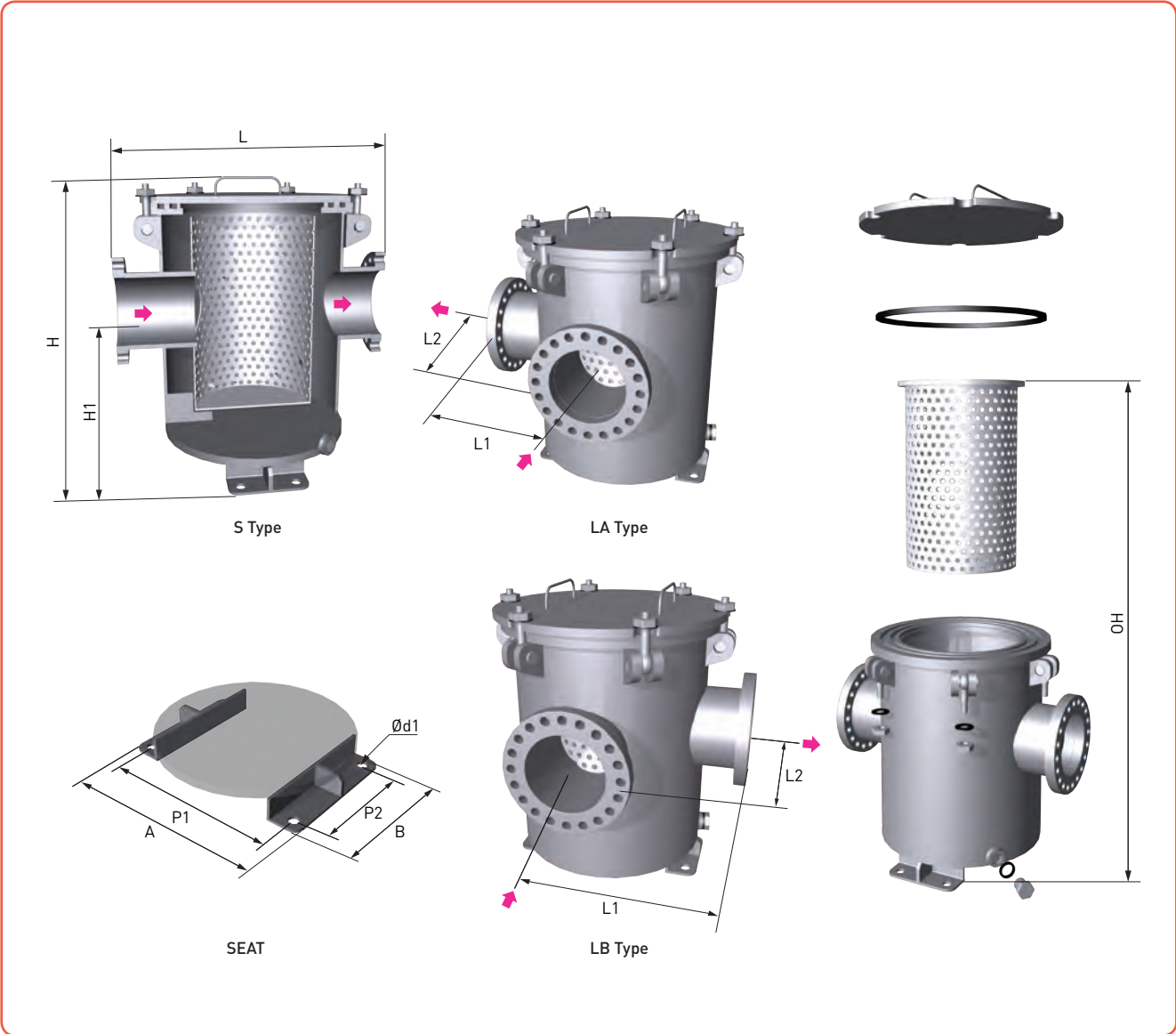
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Mild Steel, Stainless Steel, Bronze & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #100 / 11100 ~ 140 micron
- Lifting : Davit, Lug, Handle & Etc.
- Cover bolting : Hinge, Stud, Hexagon
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Water & Etc.

PART LIST OF WATER STRAINER FOR STEEL PLATE



WATER STRAINER
FOR STEEL PLATE

SIMPLEX STRAINERS - WATER STRAINER FOR STEEL PLATE-1



DIMENSION TABLE

UNIT(mm)

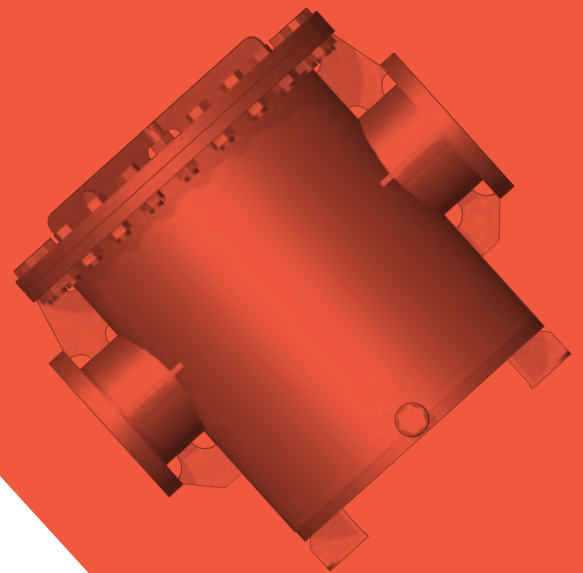
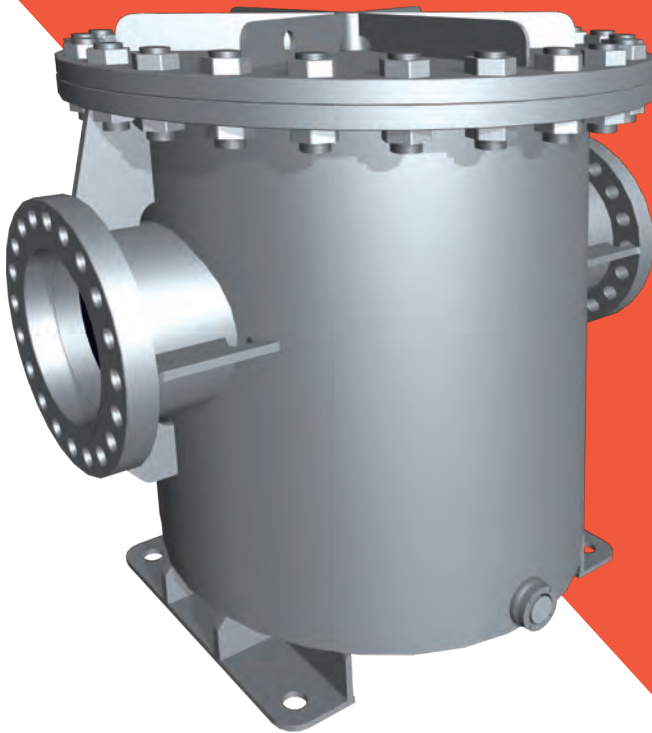
Nominal dia	L	L1	L2	H1	H	OH	LEG					DRAIN / VENT PLUG	Net Weight(kg)	
							A	B	P1	P2	d1		5K	10K
125A	400	200	200	228	472	690	320	140	260	80	19	M20x1.5P	58	61
150A	460	230	230	270	551	830	370	150	310	90	19	M20x1.5P	86	90
200A	550	275	275	310	670	1020	440	160	380	100	23	M20x1.5P	120	123
250A	680	340	340	380	793	1270	540	200	480	140	25	M20x1.5P	219	224
300A	760	380	380	420	900	1450	600	220	540	160	25	M20x1.5P	288	293
350A	820	410	410	470	1019	1700	650	240	590	180	25	M20x1.5P	375	380

※ We can fabrication for addition of more size.

SIMPLEX STRAINERS WATER STRAINER FOR STEEL PLATE-2

General

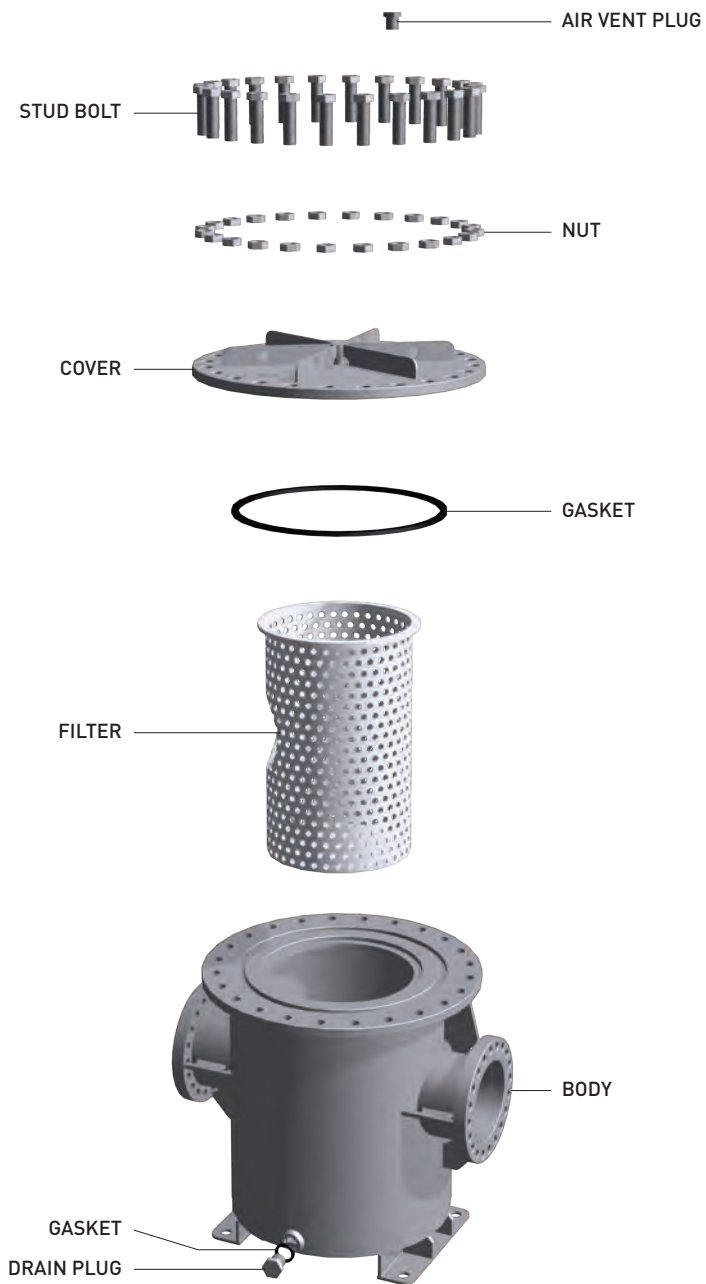
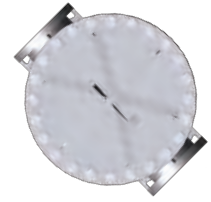
Water strainers for steel plate are available with bolted cover. Bolted cover units are ideally suited for applications. Where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



Specifications

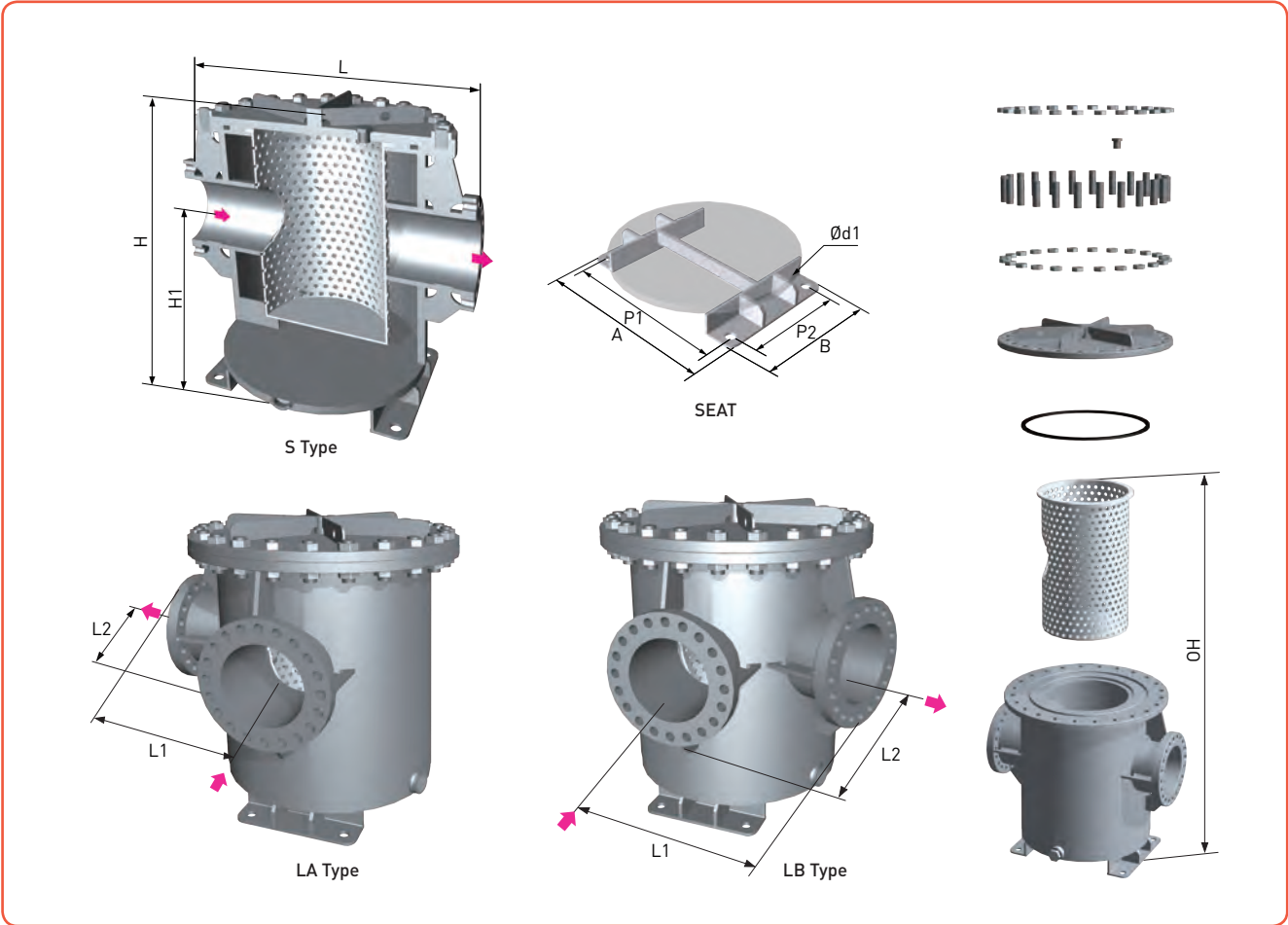
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Mild Steel, Stainless Steel & Etc
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #100 / 11100 ~ 140 micron
- Lifting : Davit, Lug & Etc.
- Cover bolting : Bolt, Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd & Etc.
- Liquid : Water & Etc.

PART LIST OF WATER STRAINER FOR STEEL PLATE



WATER STRAINER
FOR STEEL PLATE

SIMPLEX STRAINERS - WATER STRAINER FOR STEEL PLATE-2



DIMENSION TABLE

UNIT(mm)

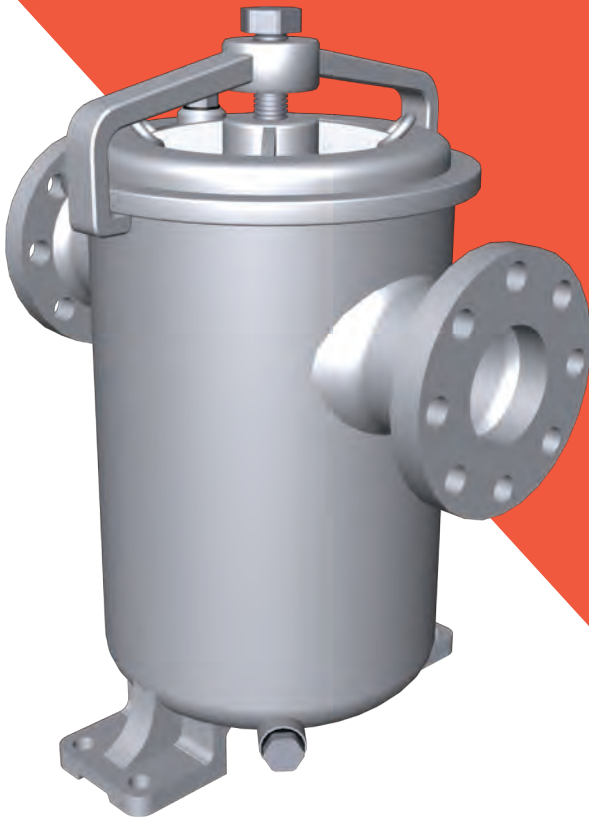
Nominal dia	L	L1	L2	H1	H	OH	LEG					DRAIN SIZE	VENT SIZE	Net Weight(kg)	
							A	B	P1	P2	d1			5K	10K
400A	880	440	520	645	1124	1850	710	260	650	220	25	40A	25A	469	481
450A	1040	520	520	665	1225	1990	740	390	660	310	27	40A	25A	673	688
500A	1130	565	565	720	1325	2150	810	424	730	344	27	40A	25A	798	819
550A	1220	610	610	755	1383	2260	880	460	800	380	27	40A	25A	1005	1031
600A	1310	655	655	800	1455	2390	950	490	870	410	27	40A	25A	1177	1204
650A	1410	705	705	830	1511	2490	1050	550	950	450	33	40A	25A	1419	1452
700A	1500	750	750	865	1568	2600	1130	580	1030	480	33	40A	25A	1516	1558
750A	1600	800	800	890	1608	2660	1145	615	1095	515	33	40A	25A	1812	1861
800A	1700	850	850	905	1635	2710	1270	650	1170	550	33	40A	25A	2029	2079
850A	1800	900	900	955	1725	2910	1320	715	1220	615	33	40A	25A	2279	2332
900A	1900	950	950	1004	1811	3030	1416	718	1316	618	33	40A	25A	2562	2618
1000A	2100	1050	1050	1084	1944	3260	1582	786	1482	686	33	40A	25A	3027	3105

※ We can fabrication for addition of more size.

SIMPLEX STRAINERS OIL STRAINER FOR CASTING

General

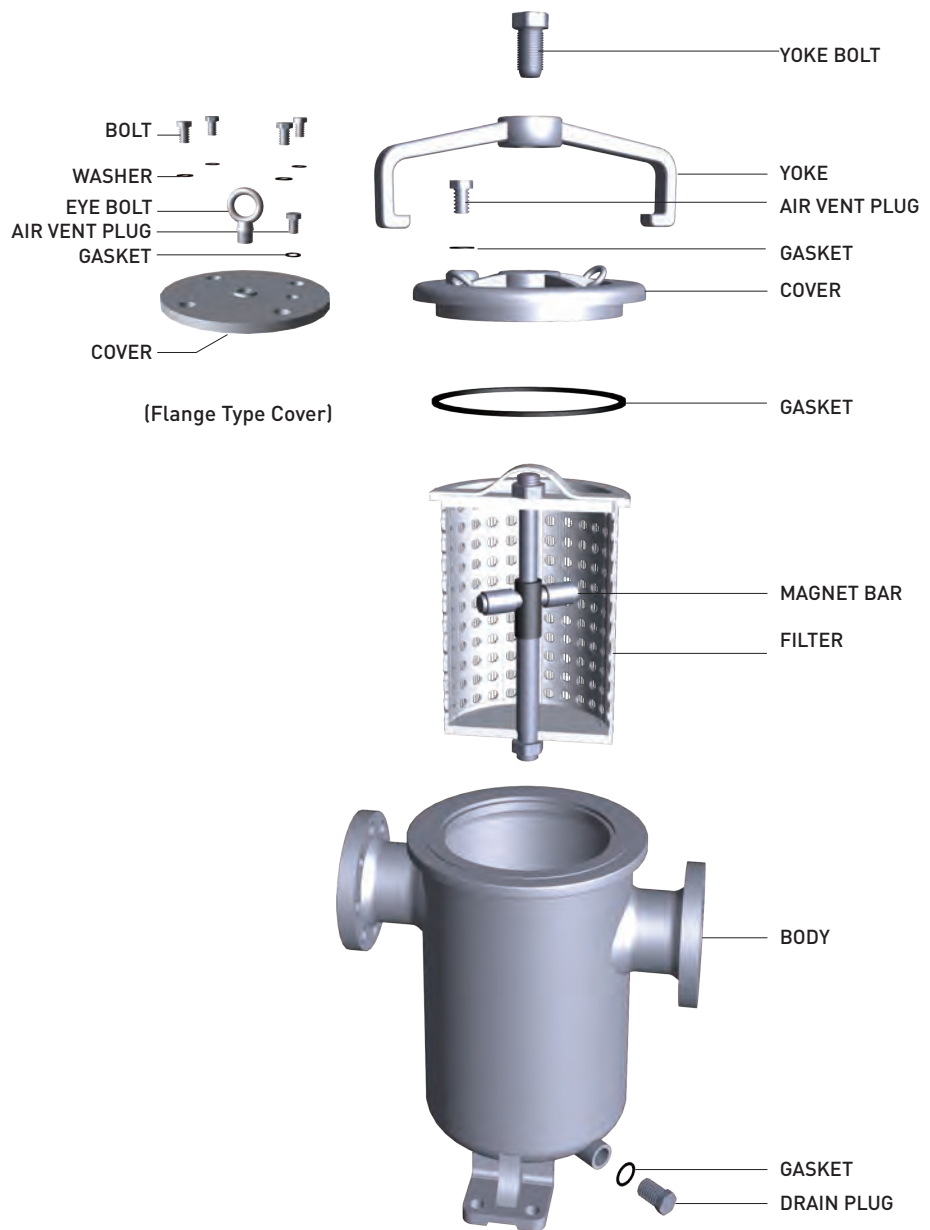
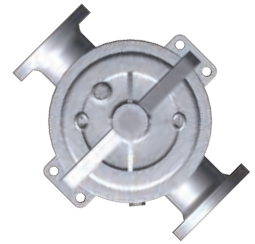
Oil strainers for Casting are available with bolted or quick release yoked cover. Yoke cover units are ideally suited for applications where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



Specifications

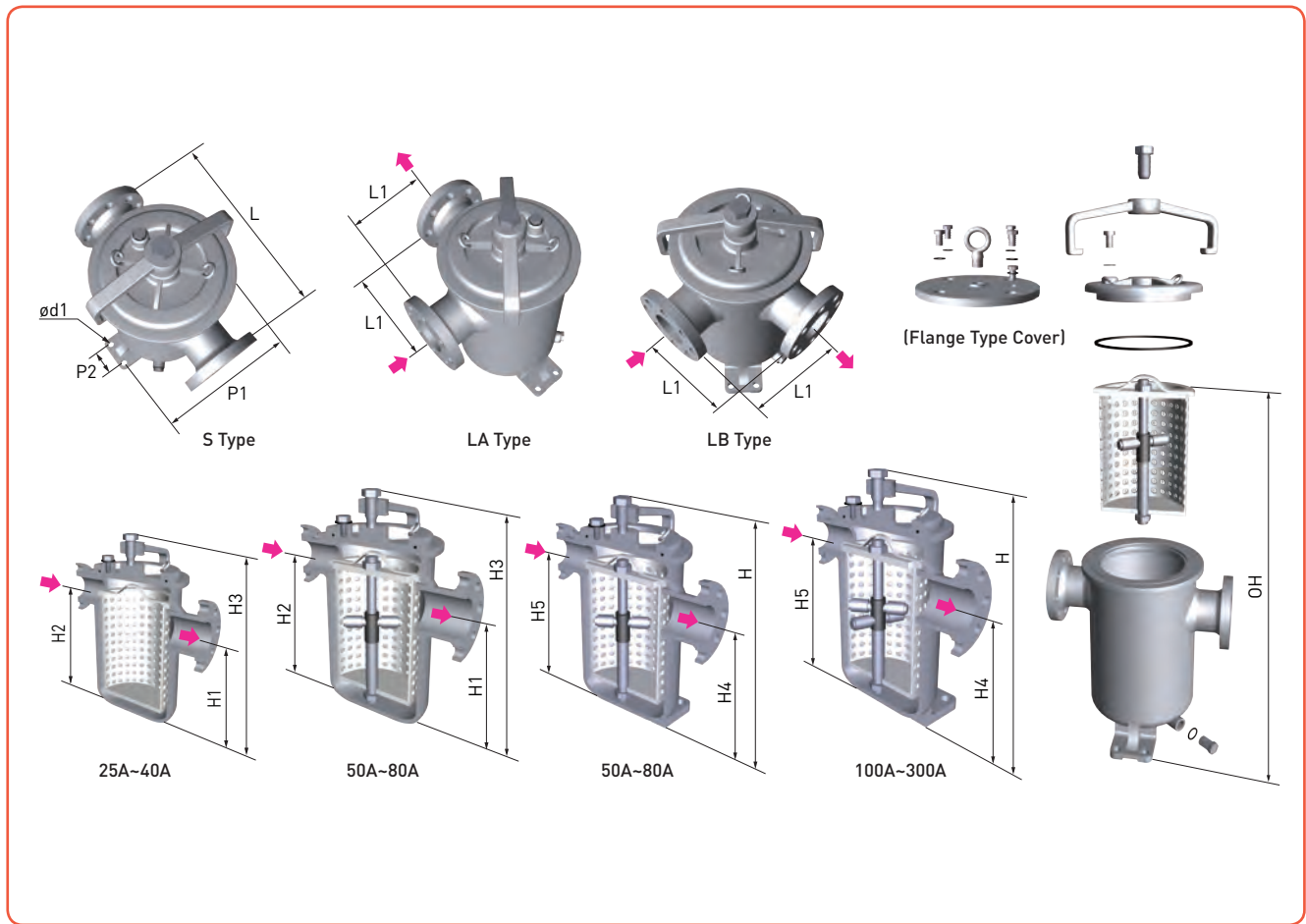
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Cast Steel, Cast Stainless Steel, Cast Bronze & Etc
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Yoke, Ring, Eye bolt
- Cover bolting : Yoke, Stud bolt
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Oil, Oily water & Etc.

PART LIST OF OIL STRAINER FOR CASTING



OIL STRAINER
FOR CASTING

SIMPLEX STRAINERS - OIL STRAINER FOR CASTING



DIMENSION TABLE

UNIT(mm)

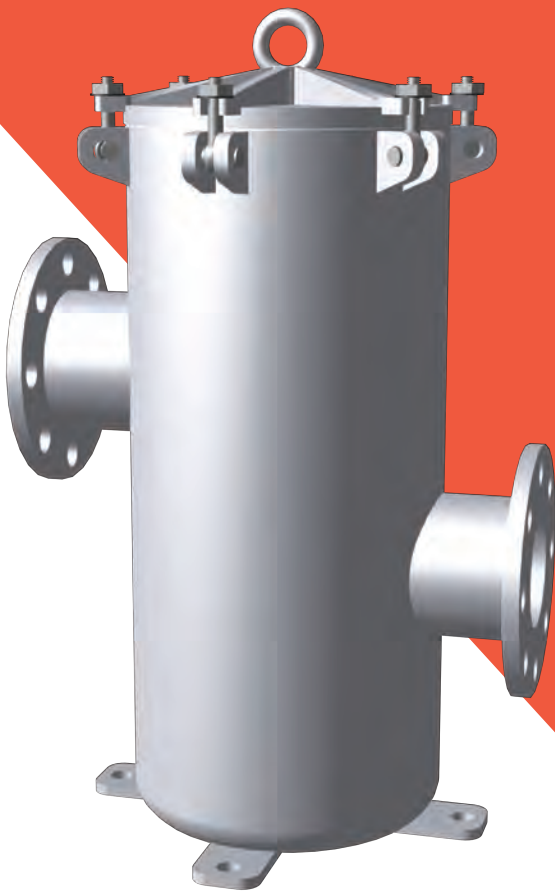
Nominal dia	L	L1	H1	H2	H3	H4	H5	H	OH	P1	P2	d1	DRAIN / VENT PLUG	Net Weight(kg)
25A	190	95	91	123	240	-	-	-	281	-	-	-	M20x1.5P	8
32A	260	130	145	188	315	-	-	-	411	-	-	-	M20x1.5P	16
40A	260	130	145	188	315	-	-	-	411	-	-	-	M20x1.5P	16
50A	280	140	187	237	374	208	258	395	521[542]	-	-	-	M20x1.5P	27
65A	340	170	248	315	470	273	340	495	684[709]	-	-	-	M20x1.5P	45
80A	370	185	258	331	500	283	356	525	743[768]	-	-	-	M20x1.5P	52
100A	420	210	-	-	-	315	430	630	893	315	90	19	M20x1.5P	81
125A	450	225	-	-	-	373	482	745	1045	345	90	23	M24x2P	108
150A	470	235	-	-	-	410	540	825	1189	370	90	23	M24x2P	155
200A	570	285	-	-	-	475	630	970	1413	435	120	25	M24x2P	244
250A	700	350	-	-	-	529	729	1140	1683	520	150	27	M24x2P	263
300A	800	400	-	-	-	542	772	1220	1810	545	160	27	M24x2P	454

※ We can fabrication for addition of more size.

SIMPLEX STRAINERS OIL STRAINER FOR STEEL PLATE

General

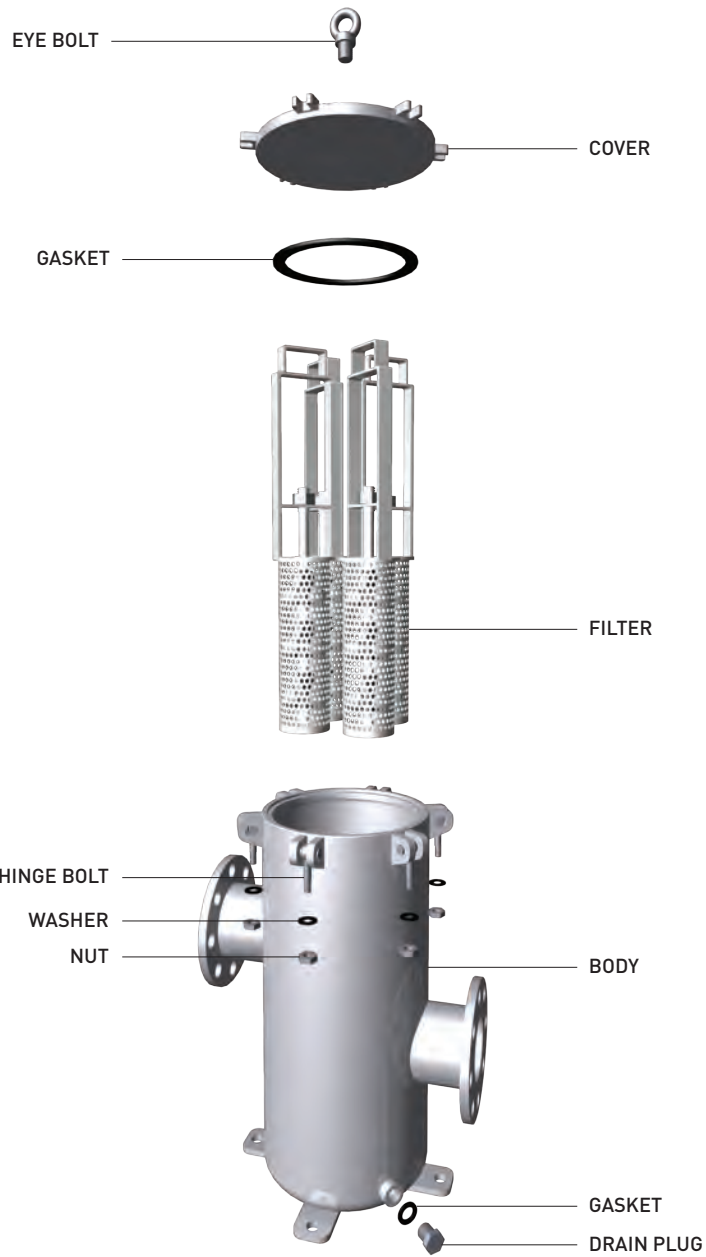
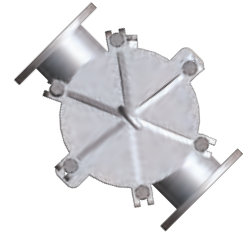
Steel Plate Simplex Oil Strainers (here in after referred to as "Oil strainer") used on the suction side of main lubricating oil pumps in ships.



Specifications

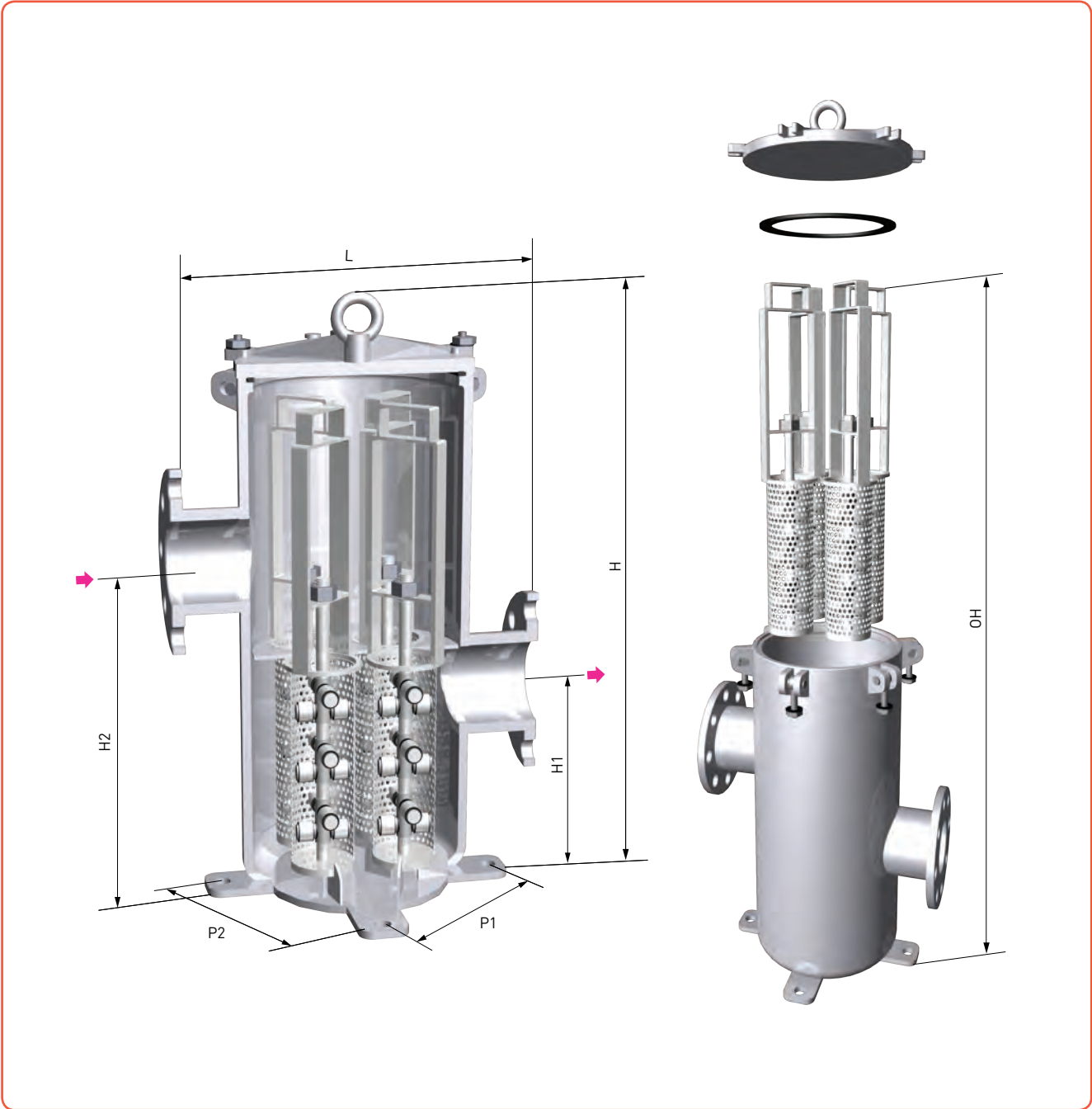
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Mild Steel, Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Hinge, Stud, Hexagon & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd & Etc.
- Liquid : Oil, Water & Etc.

PART LIST OF OIL STRAINER FOR STEEL PLATE



OIL STRAINER
FOR STEEL PLATE

SIMPLEX STRAINERS - OIL STRAINER FOR STEEL PLATE



DIMENSION TABLE

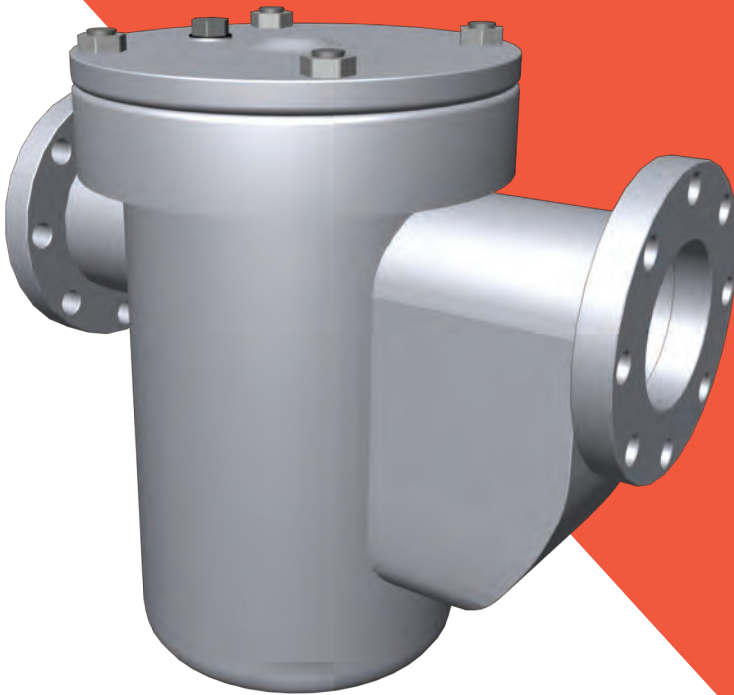
								UNIT(mm)
Nominal dia	L	H1	H2	H	P1	P2	OH	Net Weight (kg)
350A	880	390	790	1210	530	530	1995	548
400A	880	515	965	1415	530	530	2405	614

※ We can fabrication for addition of more size.

SIMPLEX STRAINERS BUCKET STRAINER FOR CASTING

General

Bucket Strainers for casting are mainly installed in horizontal piping. Since the bucket strainer elements housed in the bodies can be taken out from the tops, the debris caught by the elements can be taken outside easily. The design of bucket strainers can be arranged to suit larger piping.



Specifications

- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Flange Rating : 150LB, 300LB, 400LB, 600LB, 900LB, 1500LB, 2500LB
- Materials
 - Body : Cast Steel, Cast Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton, Non-Asbestos, S.W.G & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Stud, Hexagon & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Oil, Water & Etc.

PART LIST OF BUCKET STRAINER FOR CASTING



AIR VENT PLUG



GASKET



NUT



STUD BOLT



BONNET



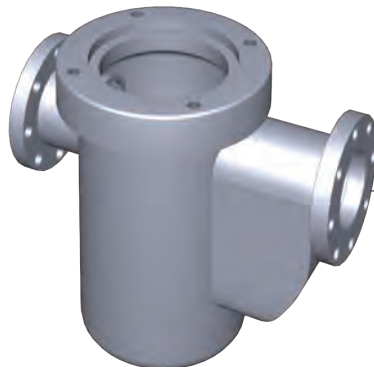
GASKET



FILTER

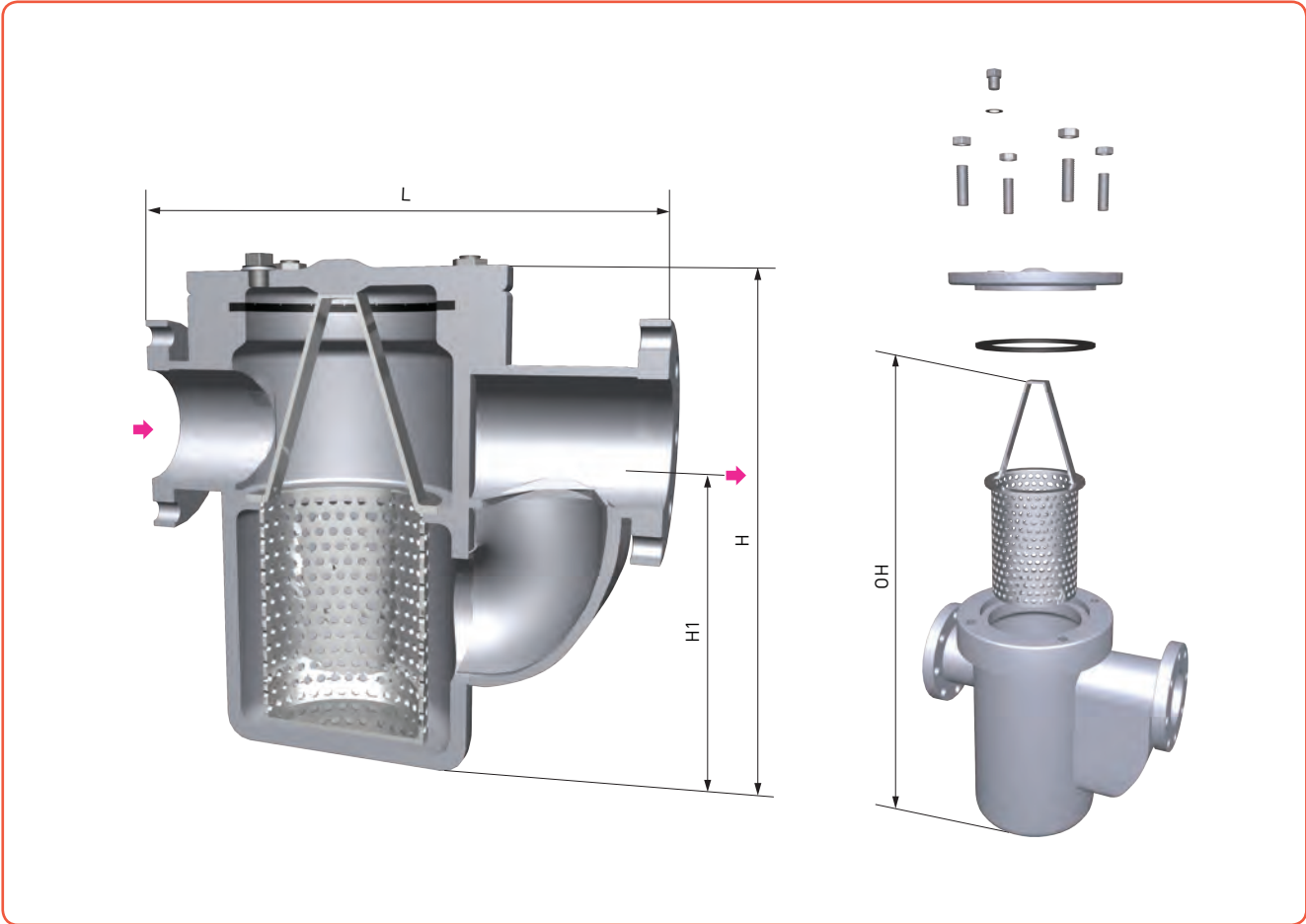


BODY



BUCKET STRAINER
FOR CASTING

SIMPLEX STRAINERS - BUCKET STRAINER FOR CASTING



DIMENSION TABLE

UNIT(mm)

Nominal dia	L		H1	H		OH	DRAIN / VENT	Net Weight (Kg)	
	150LB	300LB		150LB	300LB			150LB	300LB
25A	200	210	120	205	205	300	1/2"	12	16
32A	225	235	120	208	208	370	1/2"	14	18
40A	225	235	120	222	222	370	1/2"	15	20
50A	245	255	160	253	253	430	1/2"	19	25
65A	280	290	195	280	280	490	1/2"	26	31
80A	300	310	210	330	330	560	1/2"	34	46
100A	355	370	250	390	390	690	1/2"	51	61
125A	445	495	317	467	467	878	1/2"	87	101
150A	505	540	400	643	643	1062	1/2"	117	146
200A	665	700	520	854	854	1350	3/4"	171	196
250A	710	755	637	996	996	1715	3/4"	241	301
300A	850	885	778	1185	1185	2067	3/4"	551	581

※ We can fabrication for addition of more size.

SIMPLEX STRAINERS BUCKET STRAINER FOR STEEL PLATE-1

General

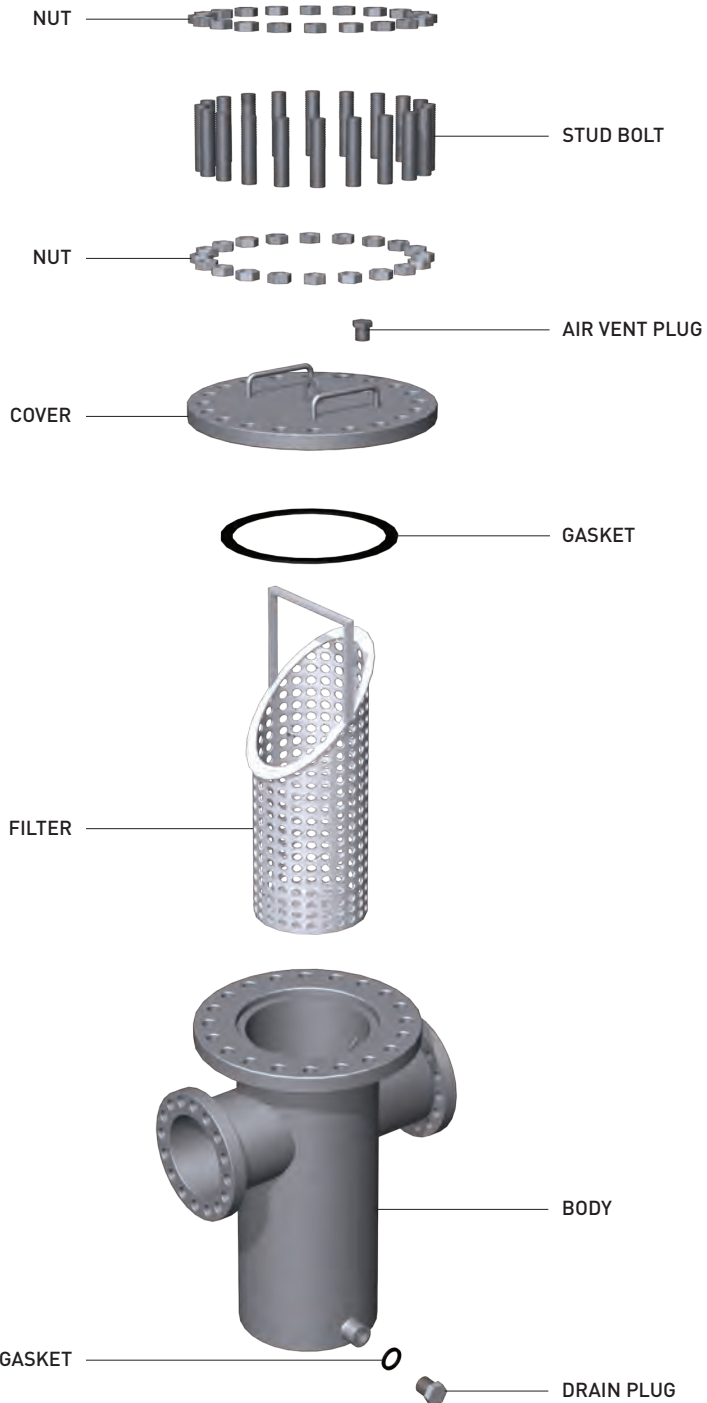
Bucket Strainers for steel plate are mainly installed in horizontal piping. Since the bucket strainer elements housed in the bodies can be taken out from the tops, the debris caught by the elements can be taken outside easily. The design of bucket strainers can be arranged to suit larger piping.



Specifications

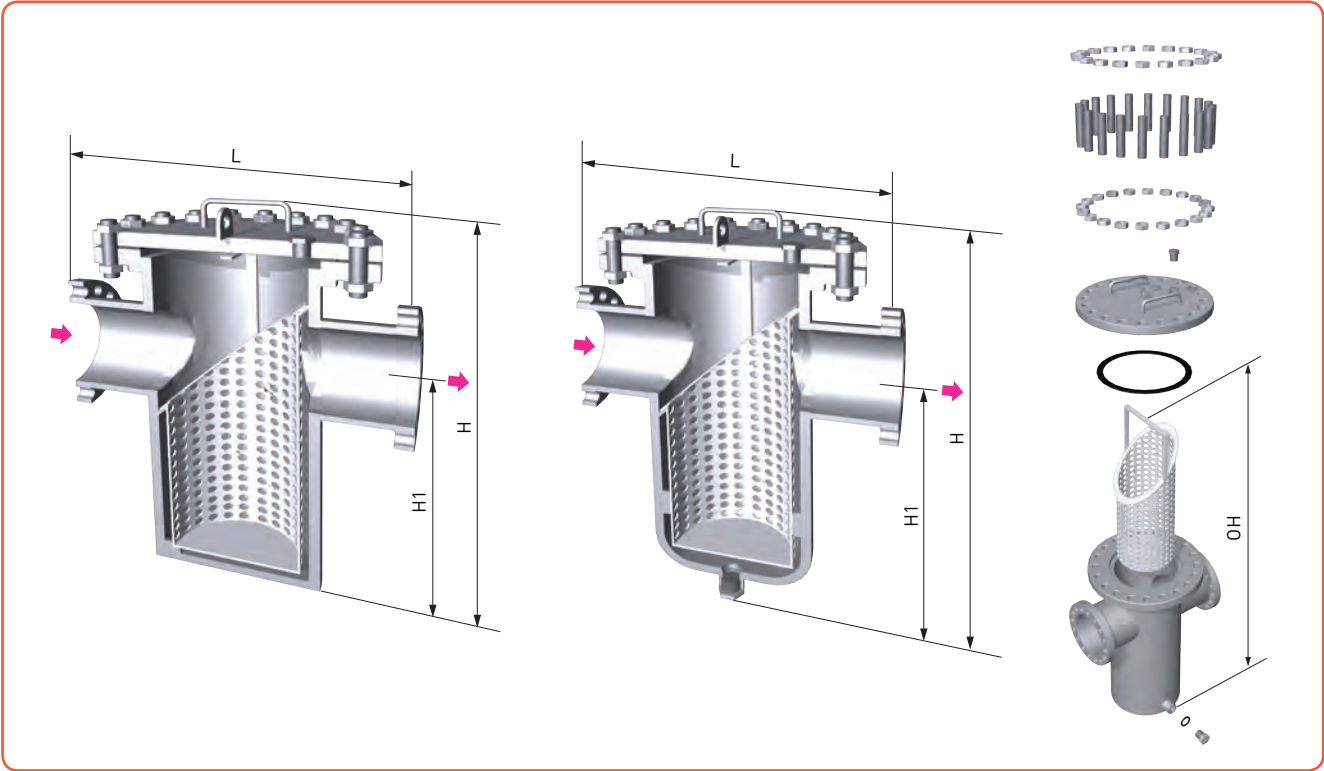
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Flange Rating : 150LB, 300LB, 400LB, 600LB, 900LB, 1500LB, 2500LB
- Materials
 - Body : Mild Steel, Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton, Non-Asbestos, S.W.G & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Stud, Hexagon & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd & Etc.
- Liquid : Oil, Water & Etc.

PART LIST OF BUCKET STRAINER FOR STEEL PLATE



BUCKET STRAINER
FOR STEEL PLATE

SIMPLEX STRAINERS - BUCKET STRAINER FOR STEEL PLATE-1



DIMENSION TABLE

UNIT(mm)

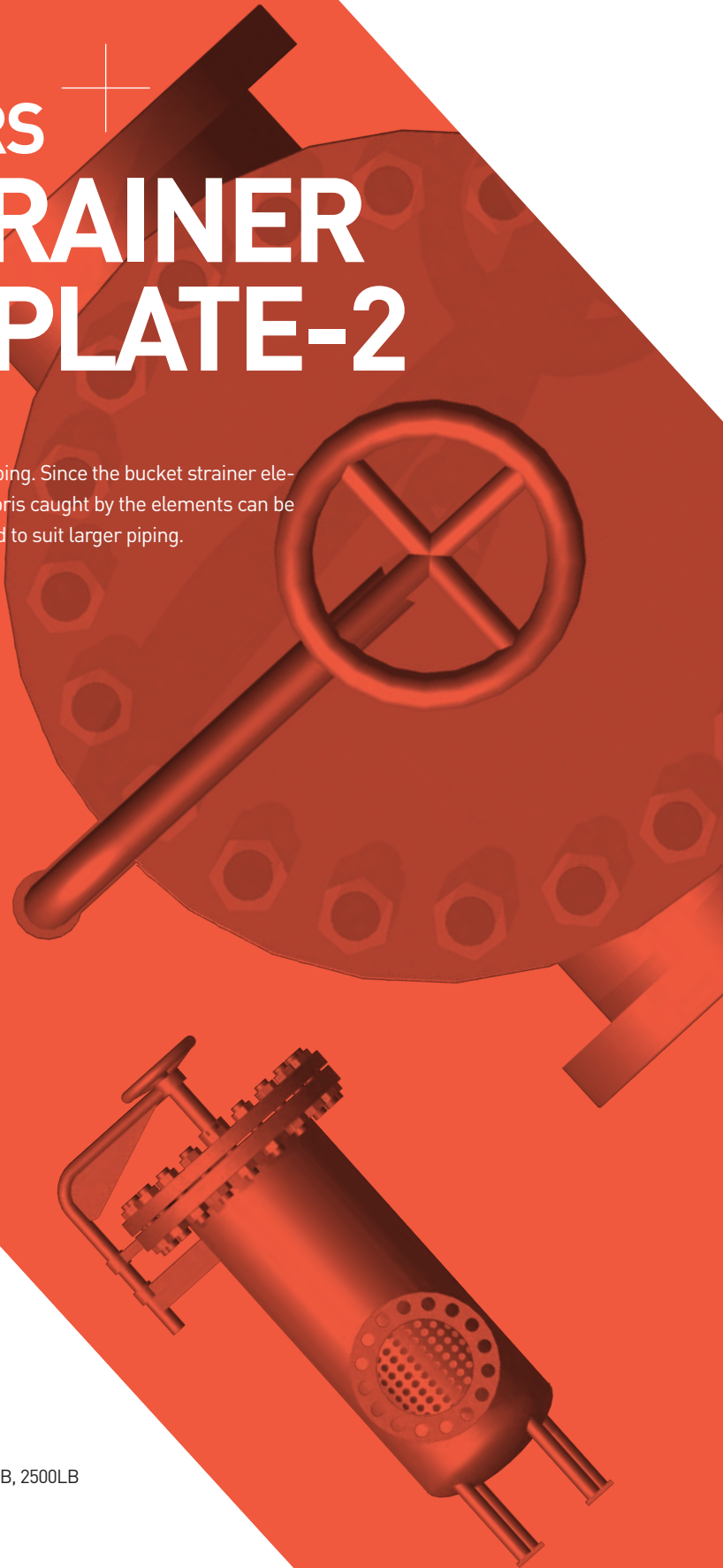
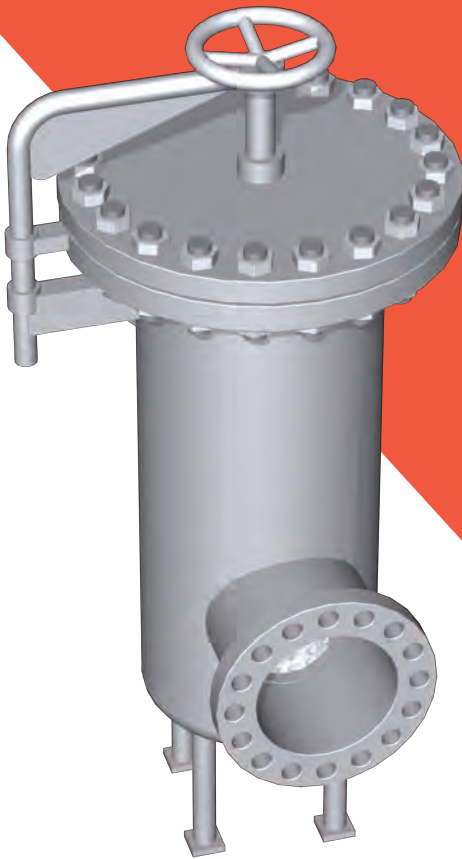
Nominal dia	L		H1	H		OH		DRAIN / VENT	Net Weight (Kg)		
	150LB	300LB		150LB	300LB	150LB	300LB		150LB	300LB	
125A	5"	500	538	495	791	852	1163	1250	1/2"	117	262
150A	6"	510	510	555	891	930	1303	1410	1/2"	127	280
200A	8"	560	600	680	1028	1107	1610	1735	1/2"	191	324
250A	10"	610	720	758	1149	1218	1835	1935	1/2"	254	407
300A	12"	700	780	906	1348	1428	2214	2214	1"	352	563
350A	14"	750	820	1018	1493	1584	2475	2615	1"	432	707
400A	16"	800	940	1163	1672	1742	2797	2900	1"	561	910
450A	18"	900	1040	1329	1880	1980	3185	3340	1"	685	1100
500A	20"	1000	1100	1482	2157	2229	3535	3635	1"	849	1630
550A	22"	1100	1200	1632	2368	2484	3915	4115	1"	1152	1727
600A	24"	1150	1250	1782	2552	2670	4275	4475	1"	1360	2096
650A	26"	1200	1340	1850	2735	2855	4635	4835	1"	1632	2356
700A	28"	1300	1420	2150	2871	3010	4895	5135	1"	1978	2793
750A	30"	1400	1520	2400	2971	3131	5075	5355	1"	2438	3274
800A	32"	1500	1620	2524	3160	3276	5413	5610	1"	2786	3410
900A	36"	1650	1670	2697	3535	3657	6153	6353	1"	3498	4217
1000A	40"	1750	1750	2805	3890	4015	6811	7011	1"	4269	4641

※ We can fabrication for addition of more size.

SIMPLEX STRAINERS BUCKET STRAINER FOR STEEL PLATE-2

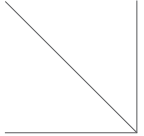
General

Bucket Strainers for steel plate are mainly installed in horizontal piping. Since the bucket strainer elements housed in the bodies can be taken out from the tops, the debris caught by the elements can be taken outside easily. The design of bucket strainers can be arranged to suit larger piping.

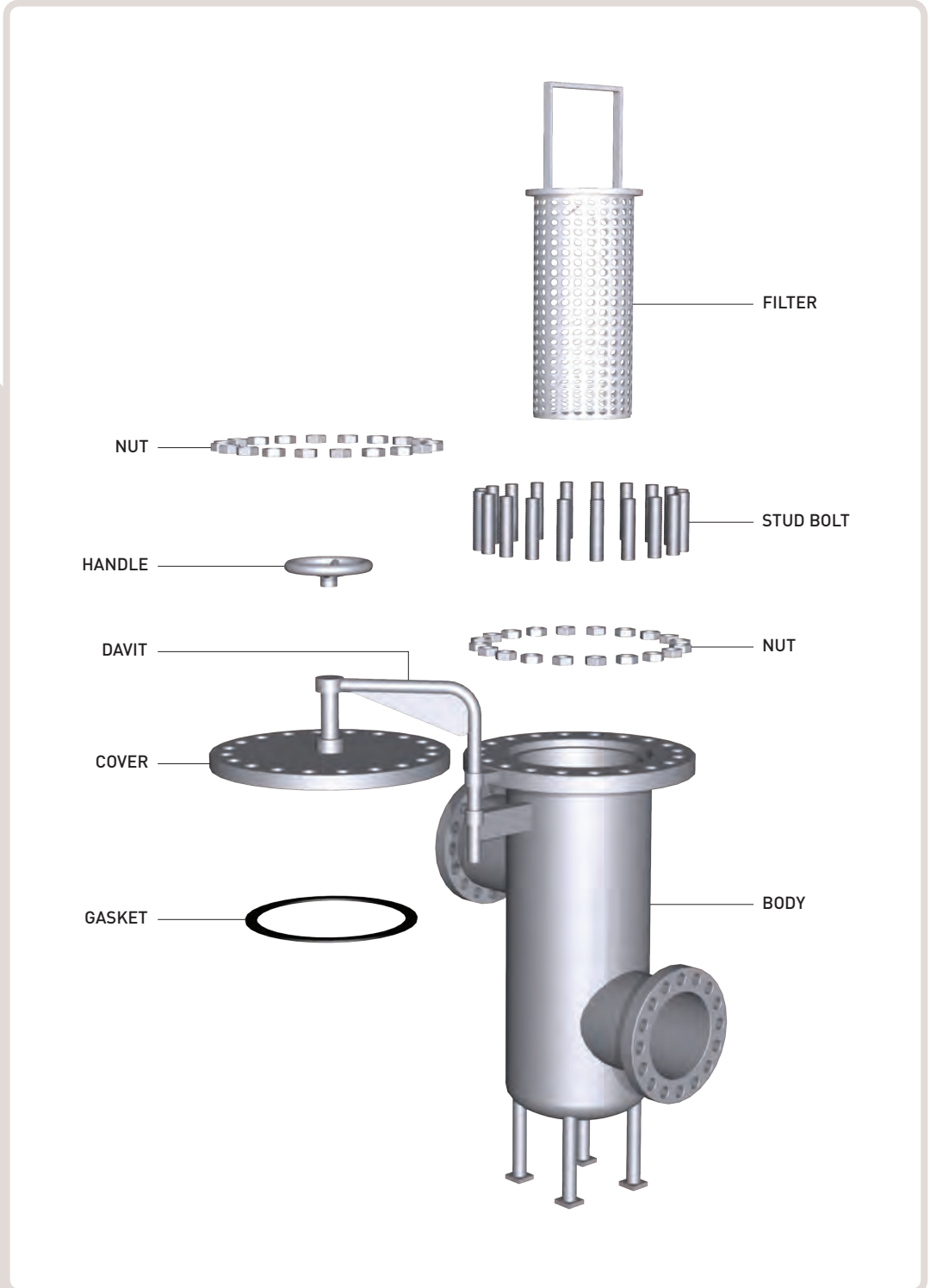
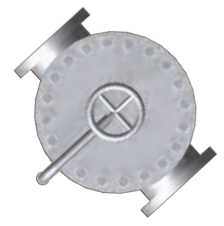


Specifications

- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Flange Rating : 150LB, 300LB, 400LB, 600LB, 900LB, 1500LB, 2500LB
- Materials
 - Body : Mild Steel, Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton, Non-Asbestos, S.W.G & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Stud, Hexagon & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd & Etc.
- Liquid : Oil, Water & Etc.

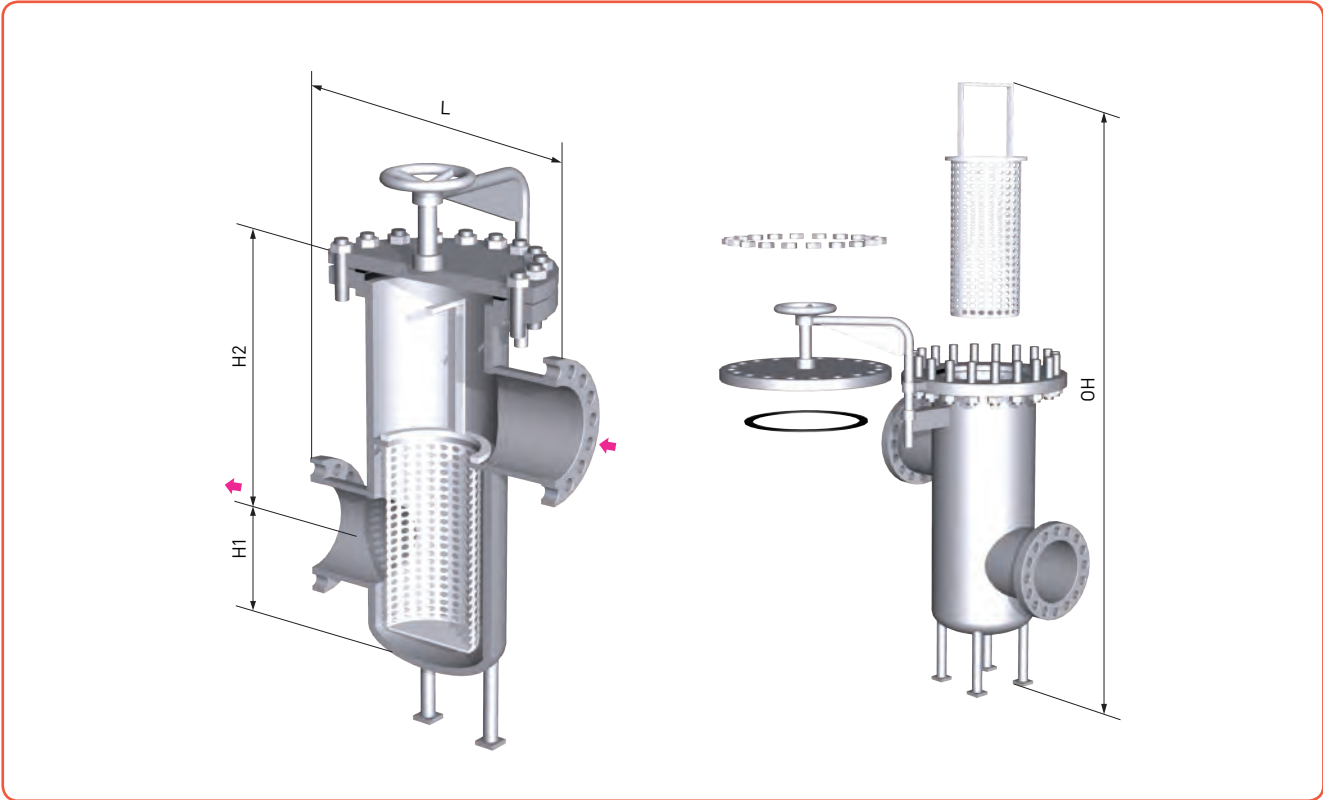


PART LIST OF BUCKET STRAINER FOR STEEL PLATE



BUCKET STRAINER FOR STEEL PLATE

SIMPLEX STRAINERS - BUCKET STRAINER FOR STEEL PLATE-2



DIMENSION TABLE

UNIT(mm)

Nominal dia		L		H1	H2		OH	DRAIN / VENT	Net Weight (Kg)	
		150LB	300LB		150LB	300LB			150LB	300LB
125A	5"	500	580	495	791	802	1163	½"	111	191
150A	6"	510	600	555	861	872	1303	½"	131	211
200A	8"	560	680	681	1028	1041	1610	½"	201	311
250A	10"	610	760	759	1150	1168	1832	½"	241	391
300A	12"	700	840	906	1348	1367	2214	½"	361	571
350A	14"	750	900	1019	1494	1513	2472	1"	461	751
400A	16"	800	980	1164	1672	1693	2797	1"	571	941
450A	18"	900	1050	1329	1881	1902	3182	1"	771	1281
500A	20"	1000	1100	1482	2150	2179	3535	1"	1051	1651
550A	22"	1100	1131	1632	2368	2389	3915	1"	1221	1961
600A	24"	1150	1182	1782	2552	2574	4275	1"	1491	2421
650A	26"	1200	1326	1932	2735	2746	4635	1"	1681	3051
700A	28"	1300	1444	2032	2871	2885	4895	1"	1741	3361
750A	30"	1400	1546	2082	2971	2988	5075	1"	2181	3686
800A	32"	1500	1655	2220	3160	3178	5413	1"	2461	3994
900A	36"	1650	1818	2520	3535	3550	6153	1"	3191	4341
1000A	40"	1750	1904	2808	3890	3914	6811	1"	3971	5861

※ We can fabrication for addition of more size.

DUPLEX STRAINERS COCK VALVE H TYPE FOR CASTING

General

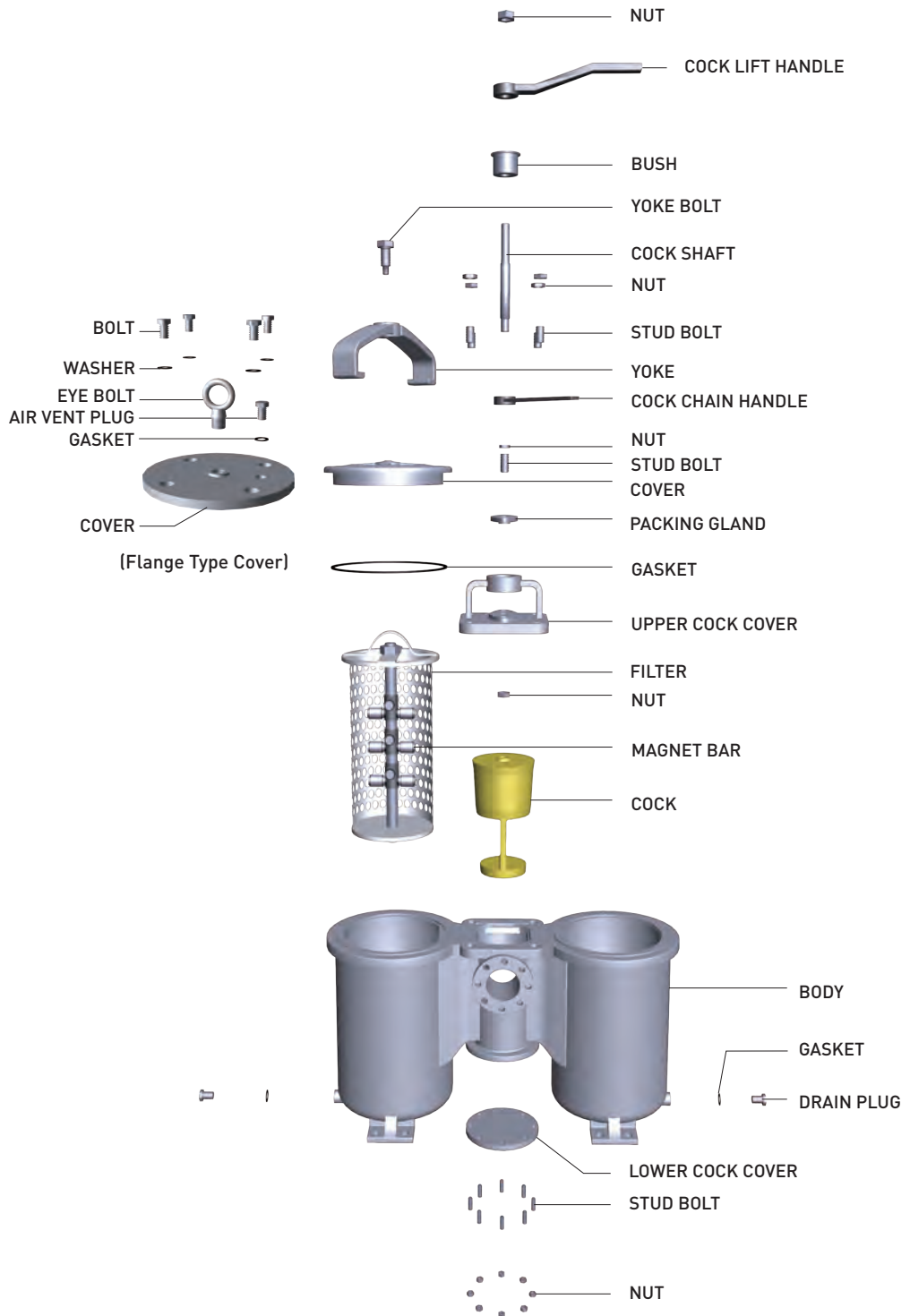
Cock Valve H Type for casting is a simple, economical, and trouble free design... time tested in applications around the world over many years. This type of strainer is actually a high quality, pressure rated plug valve with integral straining filters. Switching the flow from one filter to the other is accomplished by moving the operating handle through a 90 degree arc. The design is such that is impossible for this operation to stop the flow because of the unique port design in the diverter plug. The plug is automatically positioned each time in exactly the right spot by integral stops.



Specifications

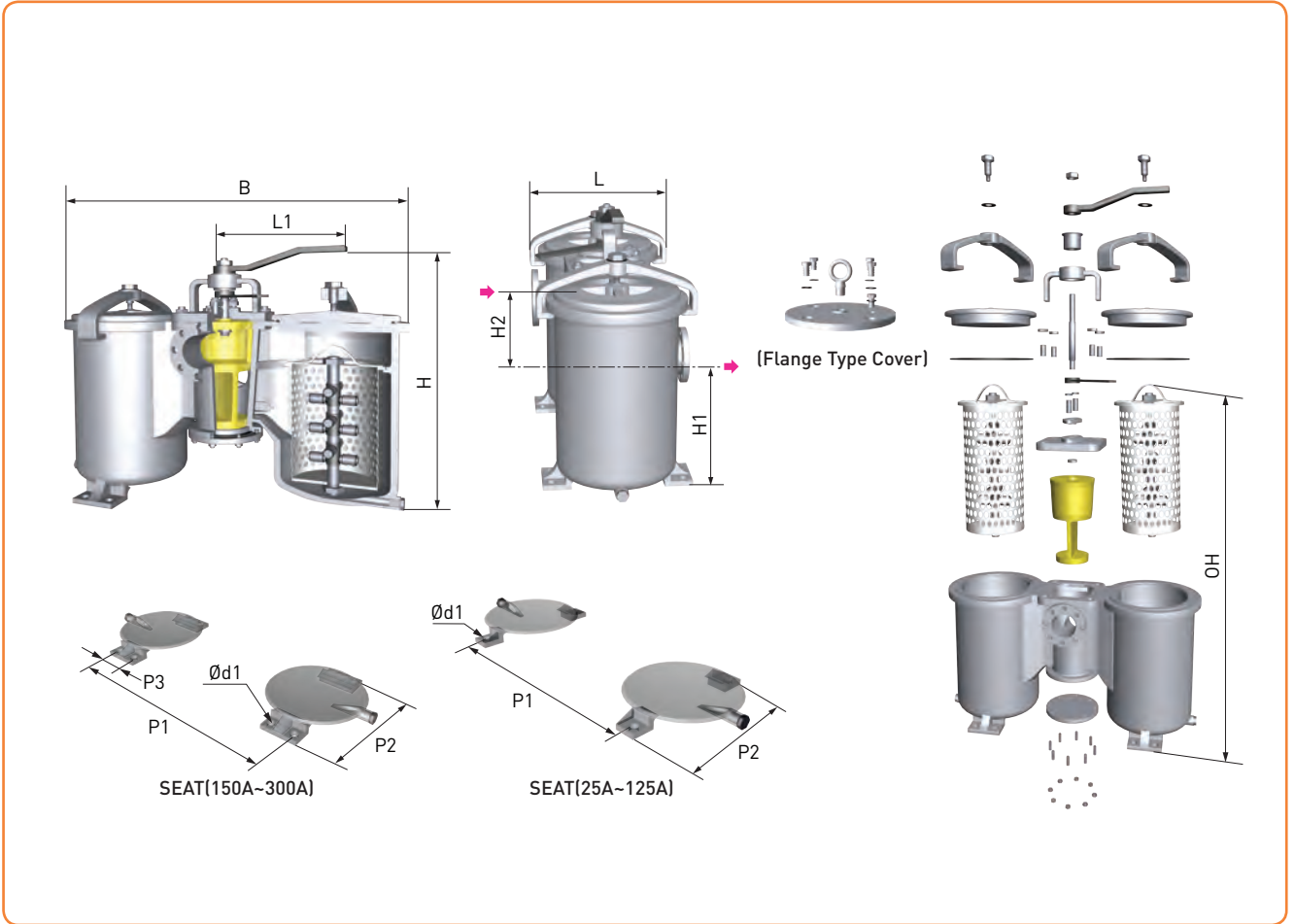
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Cast Steel, Cast Stainless Steel, Cast Bronze & Etc
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Yoke, Lug & Etc.
- Cover bolting : Yoke, Bolt & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Epoxy, Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Oil, Water & Etc.

PART LIST OF COCK VALVE H TYPE FOR CASTING



COCK VALVE H TYPE
FOR CASTING

DUPLEX STRAINERS - COCK VALVE H TYPE FOR CASTING



DIMENSION TABLE

UNIT(mm)

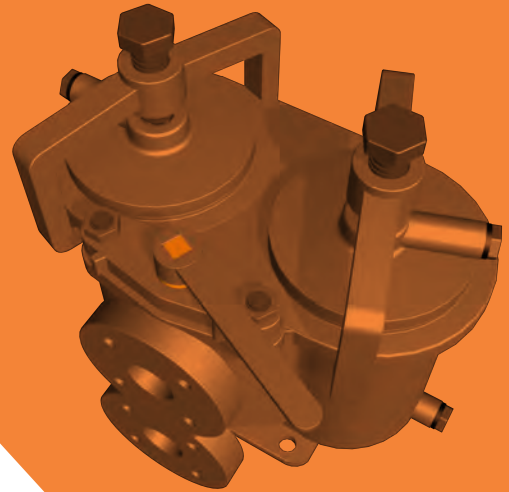
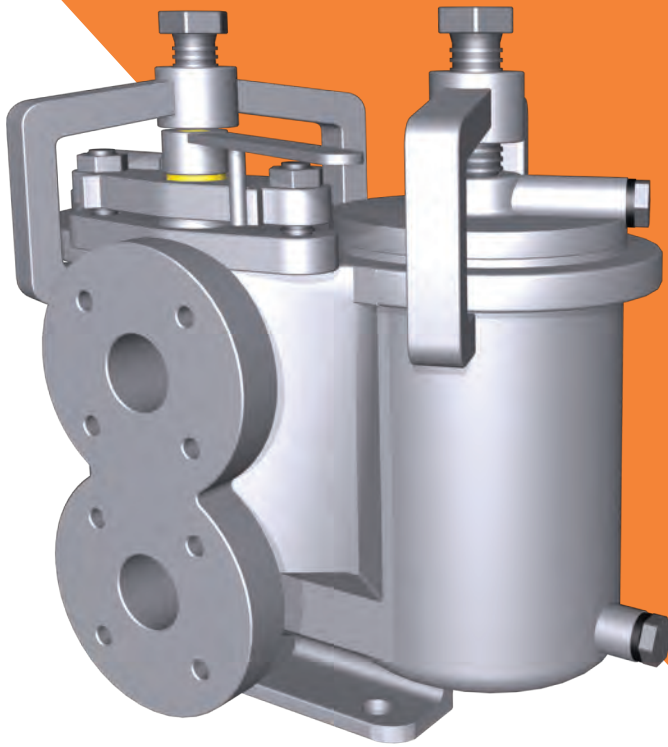
Nominal dia	L1	B	L	H1	H2	H	P1	P2	P3	d1	OH	DRAIN/VENT PLUG	Net Weight(kg)
25A	150	315	165	130	40	410	220	100	-	12	370	M20x1.5P	37
32A	150	380	195	165	55	490	290	140	-	15	490	M20x1.5P	51
40A	150	380	195	165	55	490	290	140	-	15	490	M20x1.5P	51
50A	150	415	180	219	66	516	302	150	-	15	610	M20x1.5P	61
65A	180	514	215	273	85	661	375	185	-	19	745	M20x1.5P	88
80A	210	600	245	312	102	685	440	215	-	19	884	M20x1.5P	127
100A	250	718	285	371	126	816	524	255	-	23	1052	M24x2P	192
125A	300	852	330	431	157	952	620	305	-	23	1255	M24x2P	322
150A	320	1046	410	516	201	1299	760	365	80	23	1538	M24x2P	567
200A	380	1250	490	645	245	1520	920	430	100	27	1940	M24x2P	907
250A	380	1600	570	695	370	1783	1100	495	120	33	2466	M24x2P	1556
300A	380	1900	700	695	370	1940	1425	540	120	33	2780	M24x2P	1987

※ We can fabrication for addition of more size.

DUPLEX STRAINERS COCK VALVE PC TYPE FOR CASTING

General

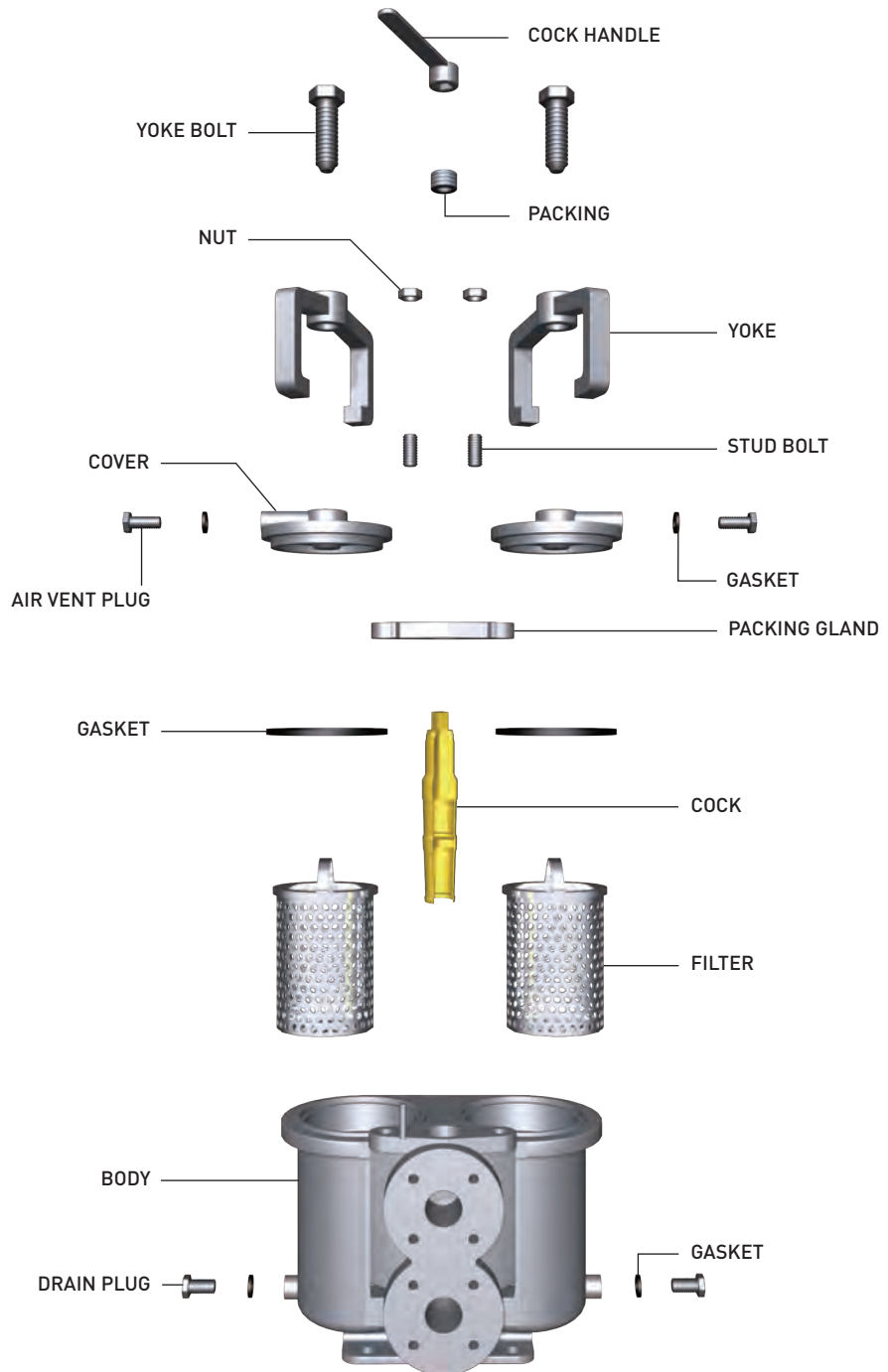
Cock Valve PC Type for casting is a simple, economical, and trouble free design... time tested in applications around the world over many years. This type of strainer is actually a high quality, pressure rated plug valve with integral straining filters. Switching the flow from one filter to the other is accomplished by moving the operating handle through a 90 degree arc. The design is such that it is impossible for this operation to stop the flow because of the unique port design in the diverter plug. The plug is automatically positioned each time in exactly the right spot by integral stops.



Specifications

- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Cast Steel, Cast Stainless Steel, Cast Bronze & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Yoke, Lug
- Cover bolting : Yoke
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Epoxy, Tar Free Epoxy, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Oil, Water & Etc.

PART LIST OF COCK VALVE PC TYPE FOR CASTING



COCK VALVE
PC TYPE FOR CASTING

DUPLEX STRAINERS - COCK VALVE PC TYPE FOR CASTING



DIMENSION TABLE

UNIT(mm)

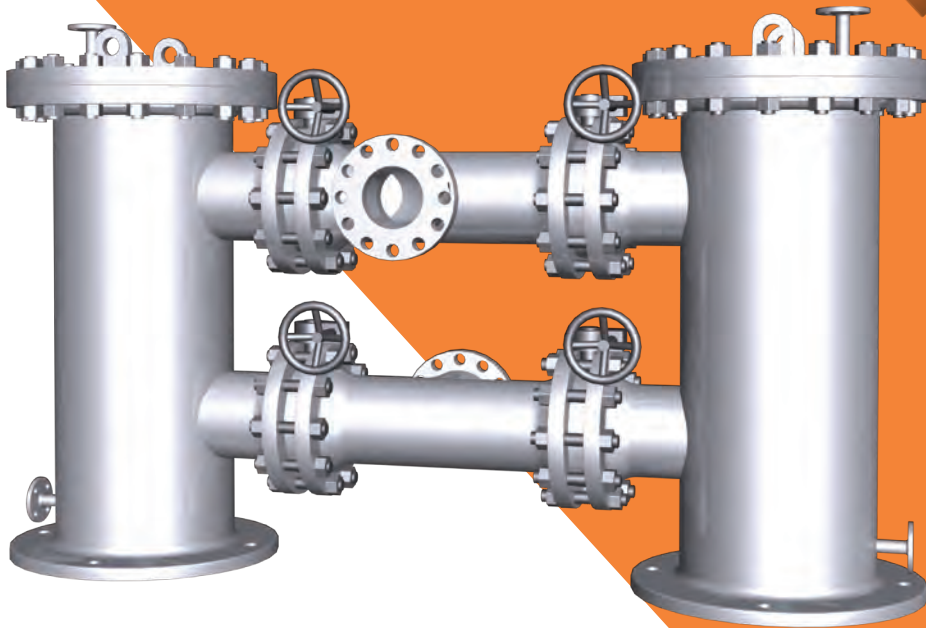
Nominal dia	L1	L2	H1	H2	H	P1	P2	d1	OH	DRAIN / VENT	Net Weight(kg)
25A	167	196	53	80	235	128	100	12	265	M20x1.5P	37
32A	241	280	78	125	355	176	152	15	350	M20x1.5P	51
40A	241	280	78	125	355	176	152	15	406	M20x1.5P	51
50A	317	354	120	145	495	235	200	15	530	M20x1.5P	73
65A	397	436	123	195	580	280	260	15	635	M20x1.5P	115
80A	445	501	150	320	670	320	290	15	740	M20x1.5P	160
100A	525	585	115	310	760	360	340	15	850	M20x1.5P	245

※ We can fabrication for addition of more size.

DUPLEX STRAINERS BUTTERFLY VALVE H TYPE FOR STEEL PLATE

General

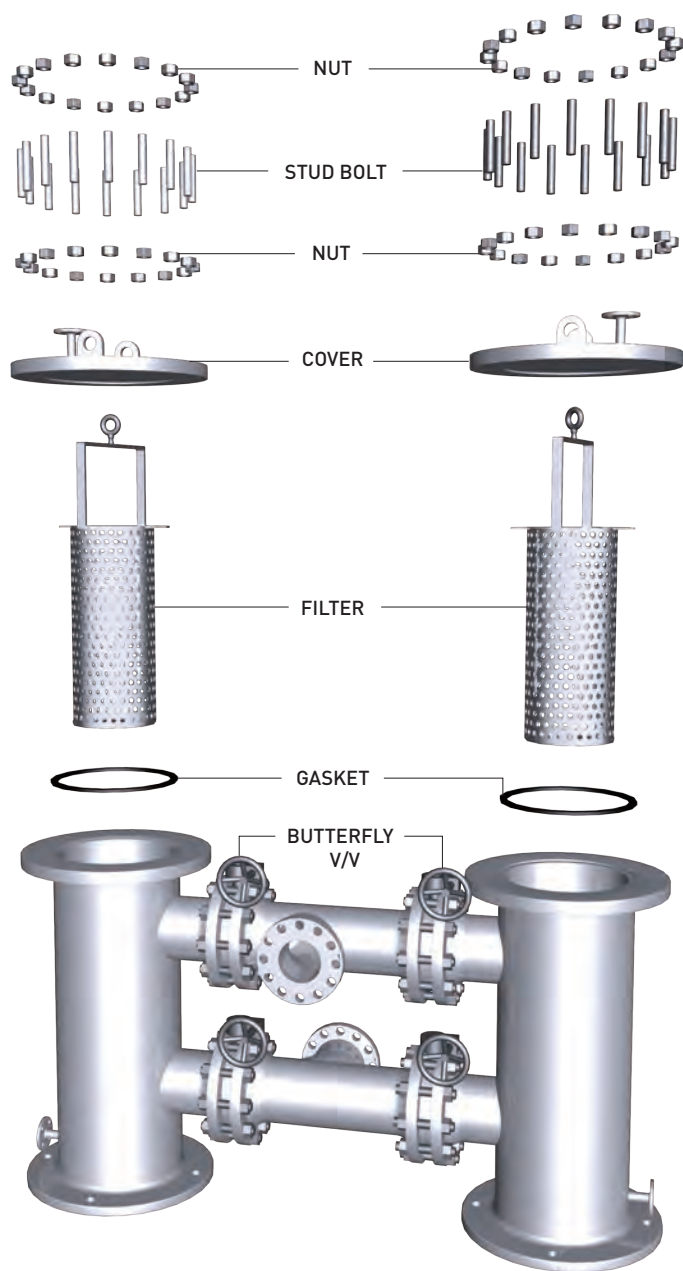
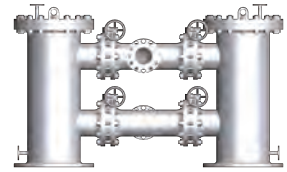
Butterfly Valve H Type for steel plate is a simple, economical, and trouble free design... time tested in applications around the world over many years. This type of strainer is actually a high quality, pressure rated butterfly valve with integral straining filters. Switching the flow from one filter to the other is accomplished by moving the operating handle through a 90 degree arc. The design is such that is impossible for this operation to stop the flow because of the unique port design in the diverter plug. The plug is automatically positioned each time in exactly the right spot by integral stops.



Specifications

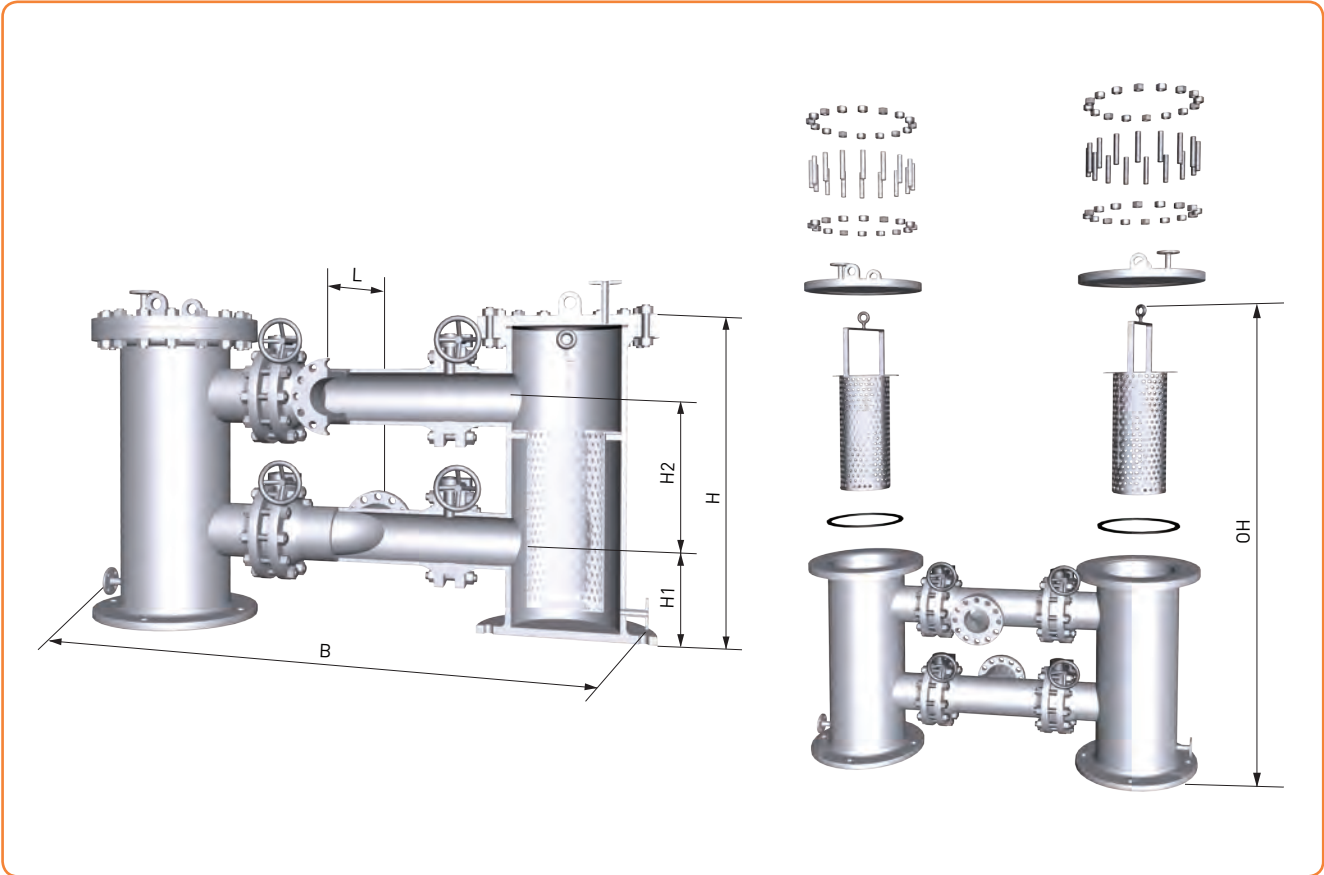
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Mild Steel, Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton, Non-Asbestos, S.W.G & Etc.
- Butterfly valve type : Metal seat, Teflon, EPDM & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Stud, Hexagon & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Oil, Water & Etc.

PART LIST OF BUTTERFLY VALVE H TYPE FOR STEEL PLATE



BUTTERFLY VALVE H TYPE
FOR STEEL PLATE

DUPLEX STRAINERS - BUTTERFLY VALVE H TYPE FOR STEEL PLATE



DIMENSION TABLE

UNIT(mm)

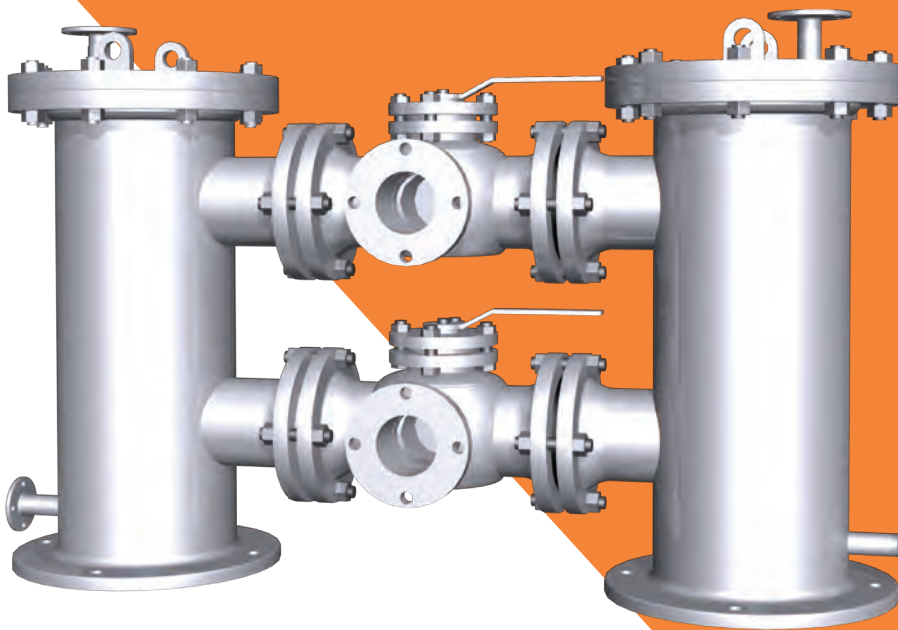
Nominal dia		L		B		H1	H2	H		OH		Net Weight(kg)	
JIS	ANSI	5K 150LB	10K 300LB	5K 150LB	10K 300LB			5K 150LB	10K 300LB	5K 150LB	10K 300LB	5K 150LB	10K 300LB
50A	2"	254	266.5	724	749	110	300	530	550	1030	1065	195	229
65A	2½"	292	305	762	789	130	320	580	600	1120	1160	233	279
80A	3"	311.5	330.5	825	865	150	350	640	665	1240	1290	269	342
100A	4"	361.5	380.5	972	1010	200	400	760	796	1465	1535	374	490
125A	5"	426	445	1116	1154	220	430	830	880	1595	1695	493	605
150A	6"	463	482	1155	1198	250	450	890	940	1730	1830	526	837
200A	8"	559	579	1365	1402	300	500	1030	1090	2005	2125	899	1224
250A	10"	635	667	1475	1571	330	600	1200	1250	2325	2425	1183	1833
300A	12"	736.5	768.5	1677	1780	360	700	1380	1440	2680	2800	1679	2477
350A	14"	813	844.5	1855	1977	400	800	1550	1620	2995	3130	2218	3303
400A	16"	864	902	1976	2126	450	900	1730	1780	3380	3480	2946	4165
450A	18"	965	1003.5	2181	2320	550	1000	1970	2030	3835	3955	3533	5435
500A	20"	1051	1086	2373	2572	600	1200	2165	2215	4235	4335	4593	7325
600A	24"	1169	1200.5	2665	2831	700	1450	2670	2780	5220	5435	6751	11044

※ We can fabrication for addition of more size.

DUPLEX STRAINERS 3-WAY BALL VALVE TYPE FOR STEEL PLATE

General

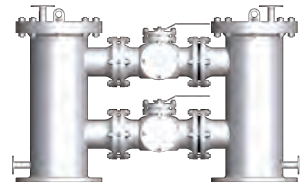
3-Way Ball Valve Type for steel plate is a simple, economical, and trouble free design... time tested in applications around the world over many years. This type of strainer is actually a high quality, pressure rated 3-way ball valve with integral straining filters. Switching the flow from one filter to the other is accomplished by moving the operating handle through a 90 degree arc. The design is such that is impossible for this operation to stop the flow because of the unique port design in the diverter plug. The plug is automatically positioned each time in exactly the right spot by integral stops.



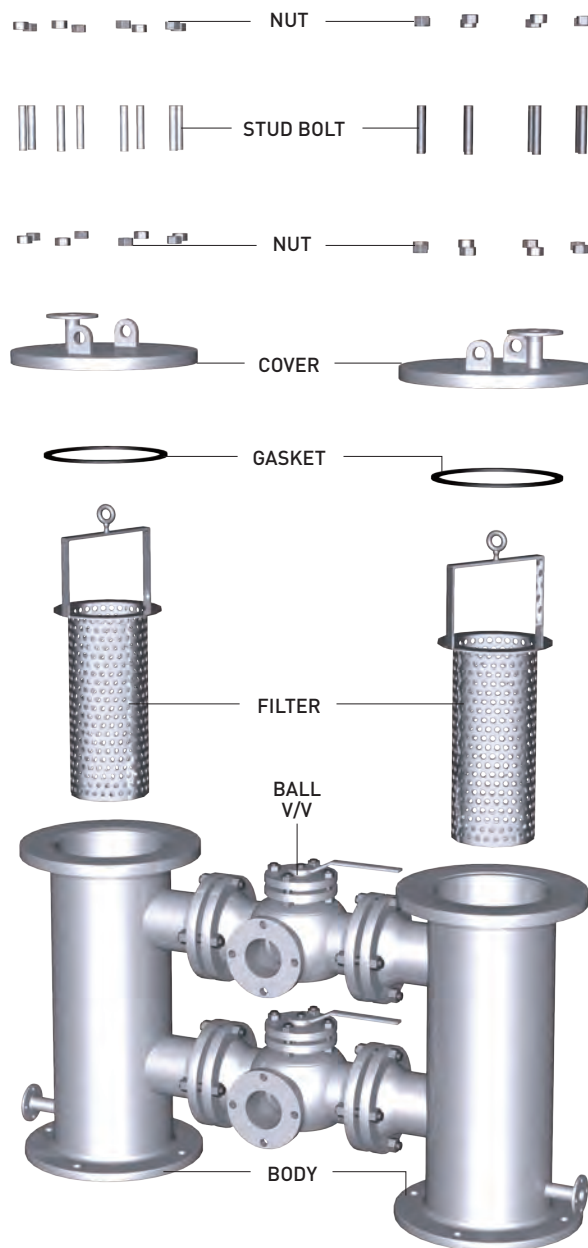
Specifications

- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Mild Steel, Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton, Non-Asbestos, S.W.G & Etc.
- Ball valve type : Metal seat, Teflon & Etc
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Stud, Hexagon & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Oil, Water & Etc.

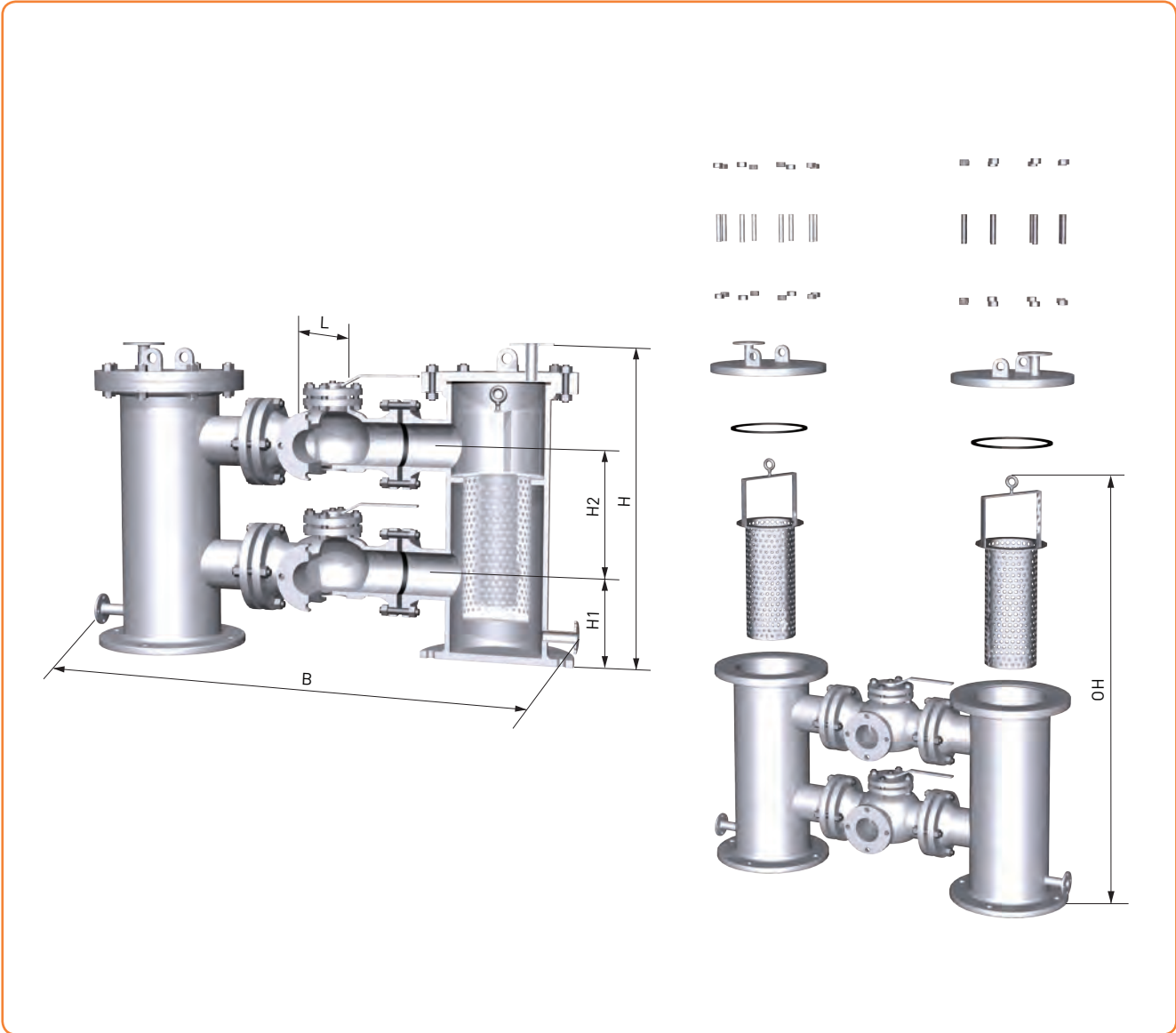
PART LIST OF 3-WAY BALL VALVE TYPE FOR STEEL PLATE



3-WAY BALL VALVE TYPE FOR STEEL PLATE



DUPLEX STRAINERS - 3-WAY BALL VALVE TYPE FOR STEEL PLATE



DIMENSION TABLE

UNIT(mm)

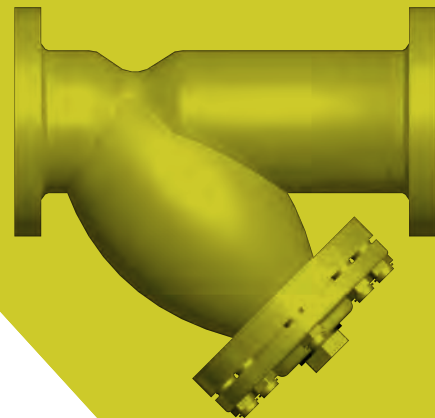
Nominal dia	L	B	H2	H1	H	OH	Net Weight(kg)
							5K-150LB
40A	140	915	400	280	966	1524	157
50A	140	925	450	280	991	1550	229
80A	140	966	500	280	1105	1702	279
100A	172	1232	550	305	1197	1905	342
150A	204	1524	650	331	1456	2337	490
200A	267	1837	800	381	1867	3252	837

※ We can fabrication for addition of more size.

Y STRAINERS Y STRAINERS FOR CASTING

General

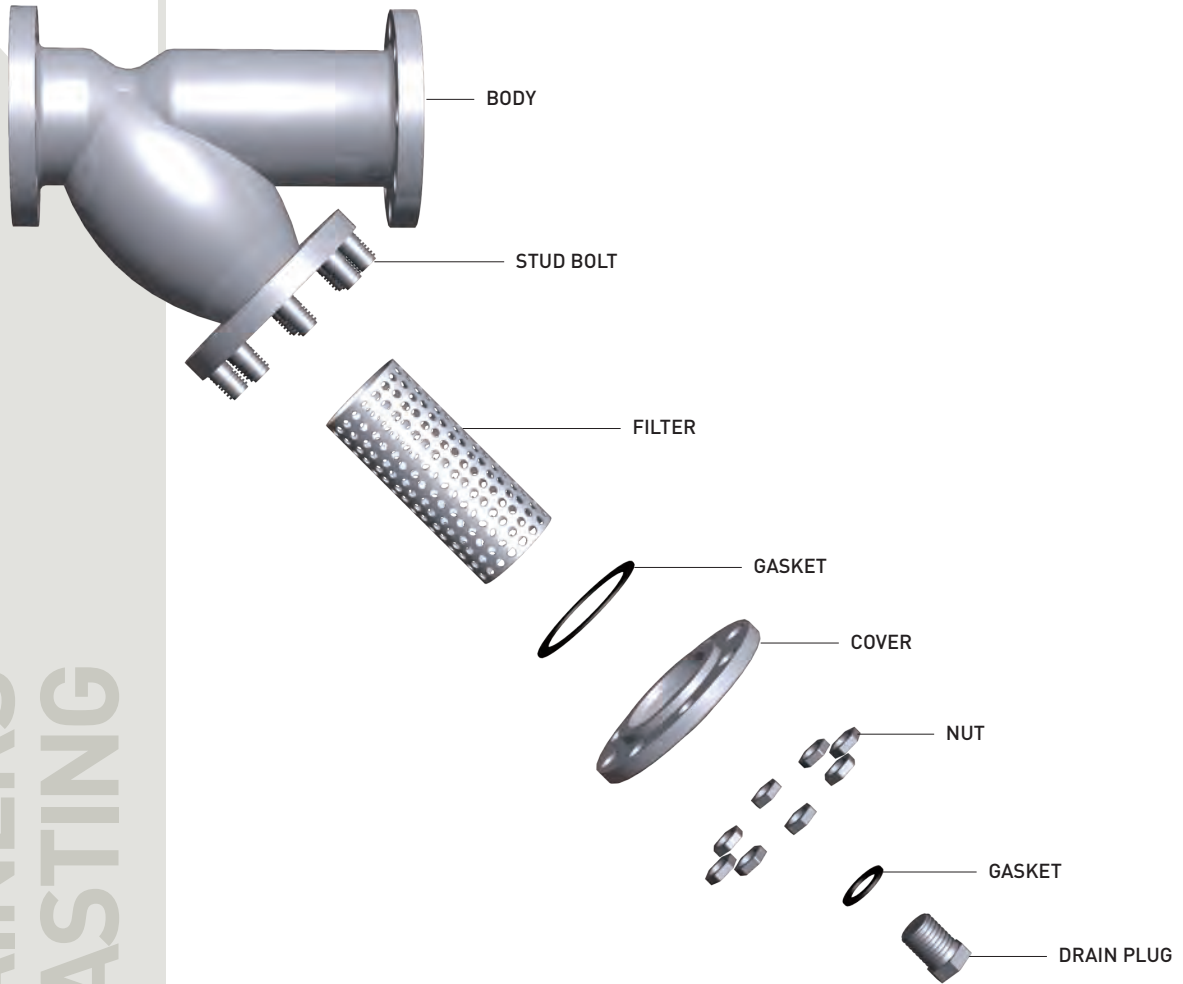
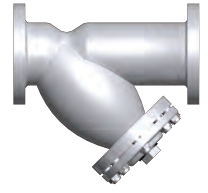
Y Strainers for casting take their name from their configuration. They are most commonly used in pressurized lines, gas or liquid, but can also be used in suction or vacuum conditions. They are intended for applications where small amounts of solid particulate are expected, and where clean-out will be infrequent. If solids will flush easily from the screen, and fluid can be exhausted to atmosphere, a blow-down valve on the drain port will allow clean-out without removal of the screen, and without interrupting the process flow.



Specifications

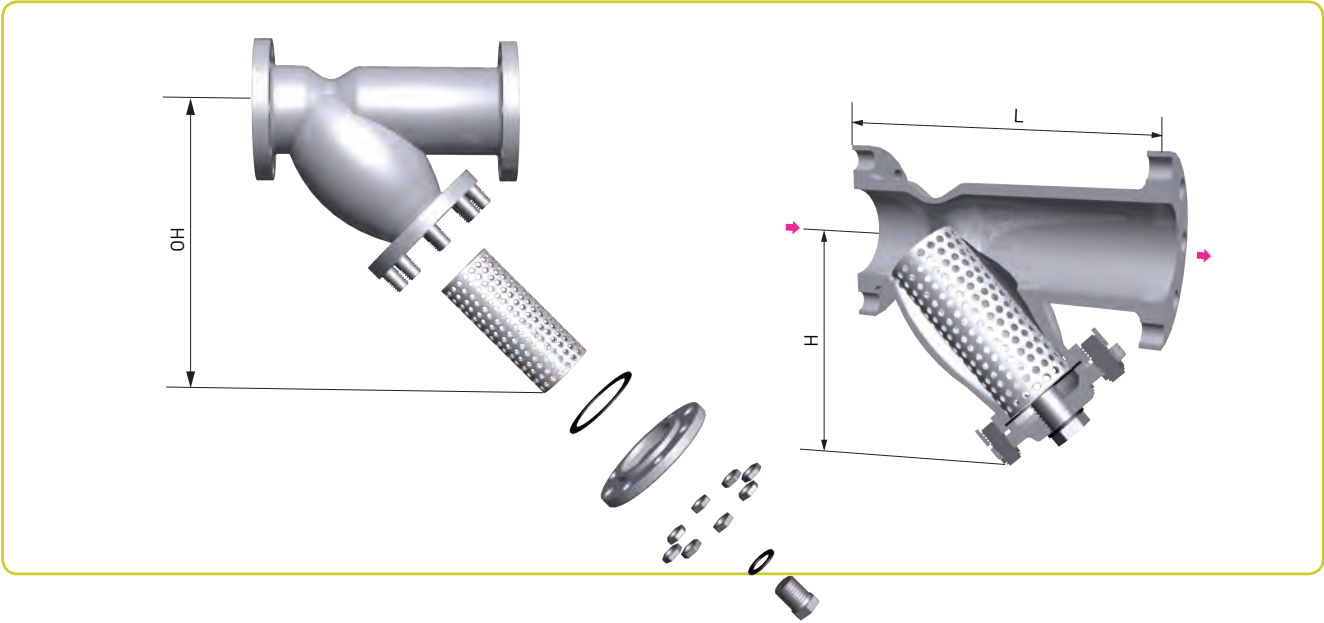
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Cast Steel, Cast Stainless Steel, Cast Bronze & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton, Non-Asbestos, S.W.G & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Lug
- Cover bolting : Stud, Hexagon
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Oil, Water, Steam & Etc.

PART LIST OF Y STRAINERS FOR CASTING



Y STRAINERS
FOR CASTING

Y STRAINERS - Y STRAINERS FOR CASTING



DIMENSION TABLE

UNIT(mm)

Nominal dia	JIS-5K				JIS-10K				150LB				300LB			
	L	H	OH	Net Weight (kg)	L	H	OH	Net Weight (kg)	L	H	OH	Net Weight (kg)	L	H	OH	Net Weight (kg)
15A	180	111	122	8.5	180	111	122	10	180	111	122	10	180	111	122	10
20A	180	111	122	9	180	111	122	11	180	111	122	11	180	111	122	11
25A	190	122	145	10	190	122	145	13	190	122	145	13	190	122	145	13
32A	218	143	163	13	218	143	215	16	218	143	215	16	248	143	163	18
40A	218	143	163	14	218	143	215	17	218	143	215	17	248	143	163	19
50A	255	156	181	15	255	156	244	19	255	156	244	19	260	156	181	20
65A	280	219	272	24	280	219	337	29	280	219	337	29	320	219	224	29
80A	322	240	309	31	322	240	393	34	322	240	393	34	360	240	309	40
100A	348	265	336	38	348	265	439	41	348	265	439	41	410	265	336	47
125A	394	317	415	56	394	317	523	63	394	317	523	63	434	317	415	66
150A	442	355	474	71	442	355	586	79	442	355	586	79	515	355	494	86
200A	590	484	720	144	590	484	913	150	590	484	913	150	620	484	670	194
250A	680	583	840	206	680	583	976	211	680	583	976	211	715	583	976	246
300A	775	660	1175	369	775	660	1175	379	775	660	1175	379	775	660	1175	431

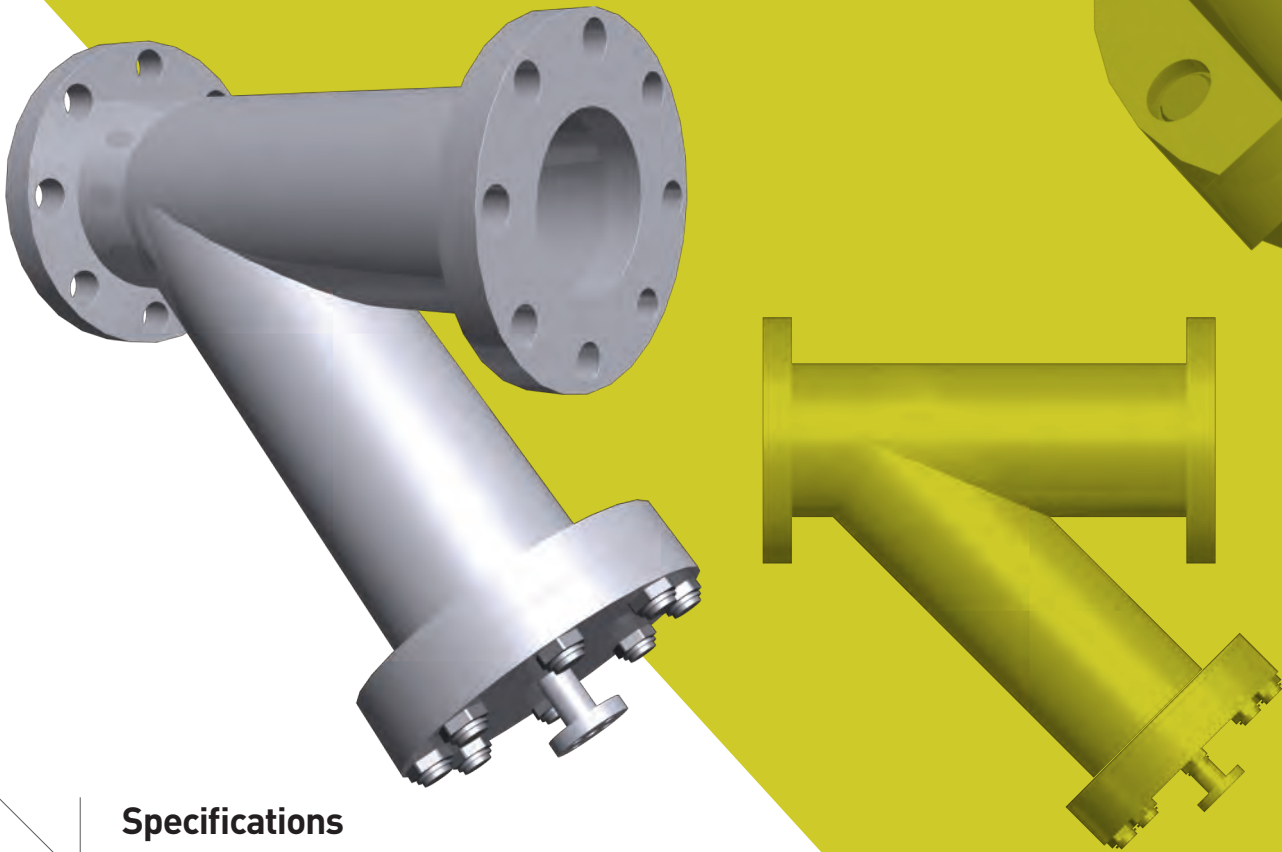
Nominal dia	600LB				900LB				1500LB				2500LB			
	L	H	OH	Net Weight (kg)	L	H	OH	Net Weight (kg)	L	H	OH	Net Weight (kg)	L	H	OH	Net Weight (kg)
15A	225	119	135	10	206	108	195	12	350	215	230	26	350	215	230	29
20A	225	119	135	11	230	121	218	16	350	215	230	27	350	215	230	30
25A	225	119	135	13	271	146	263	23	350	215	230	39	350	215	230	43
32A	295	155	170	20	280	155	279	49	450	261	270	77	450	261	270	85
40A	295	155	170	21	280	155	279	51	450	261	270	81	450	261	270	89
50A	340	195	230	23	315	170	306	58	460	292	350	98	460	292	350	108
65A	385	207	250	31	470	282	350	67	520	328	414	107	660	400	492	118
80A	480	320	390	41	530	382	430	75	680	380	492	149	680	417	720	171
100A	520	328	576	51	590	360	450	116	590	417	684	221	860	515	927	254
125A	574	400	720	73	630	430	774	161	700	450	810	312	950	550	990	359
150A	628	460	820	96	720	515	927	251	790	520	936	426	1000	585	1053	489
200A	840	550	990	221	890	645	1161	489	990	685	1233	725	-	-	-	-
250A	980	710	1278	271	-	-	-	-	-	-	-	-	-	-	-	-
300A	1110	810	1458	476	-	-	-	-	-	-	-	-	-	-	-	-

※ We can fabrication for addition of more size.

Y STRAINERS Y STRAINERS FOR STEEL PLATE

General

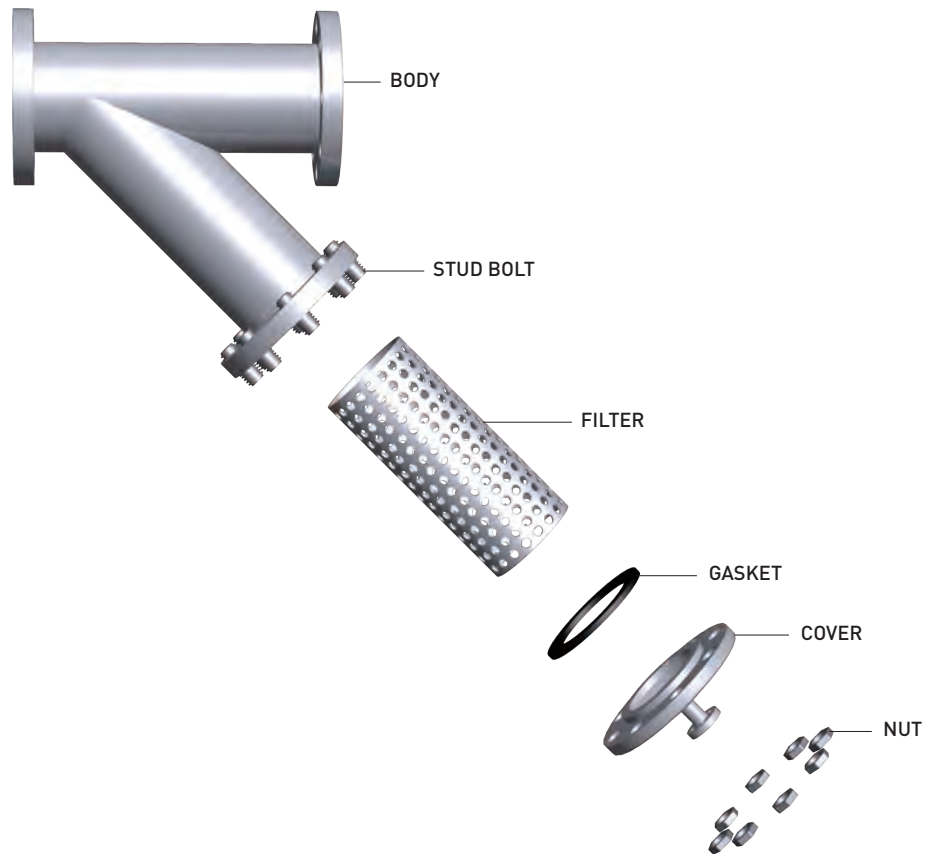
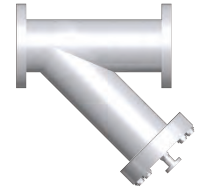
Y Strainers for steel plate take their name from their configuration. They are most commonly used in pressurized lines, gas or liquid, but can also be used in suction or vacuum conditions. They are intended for applications where small amounts of solid particulate are expected, and where clean-out will be infrequent. If solids will flush easily from the screen, and fluid can be exhausted to atmosphere, a blow-down valve on the drain port will allow clean-out without removal of the screen, and without interrupting the process flow.



Specifications

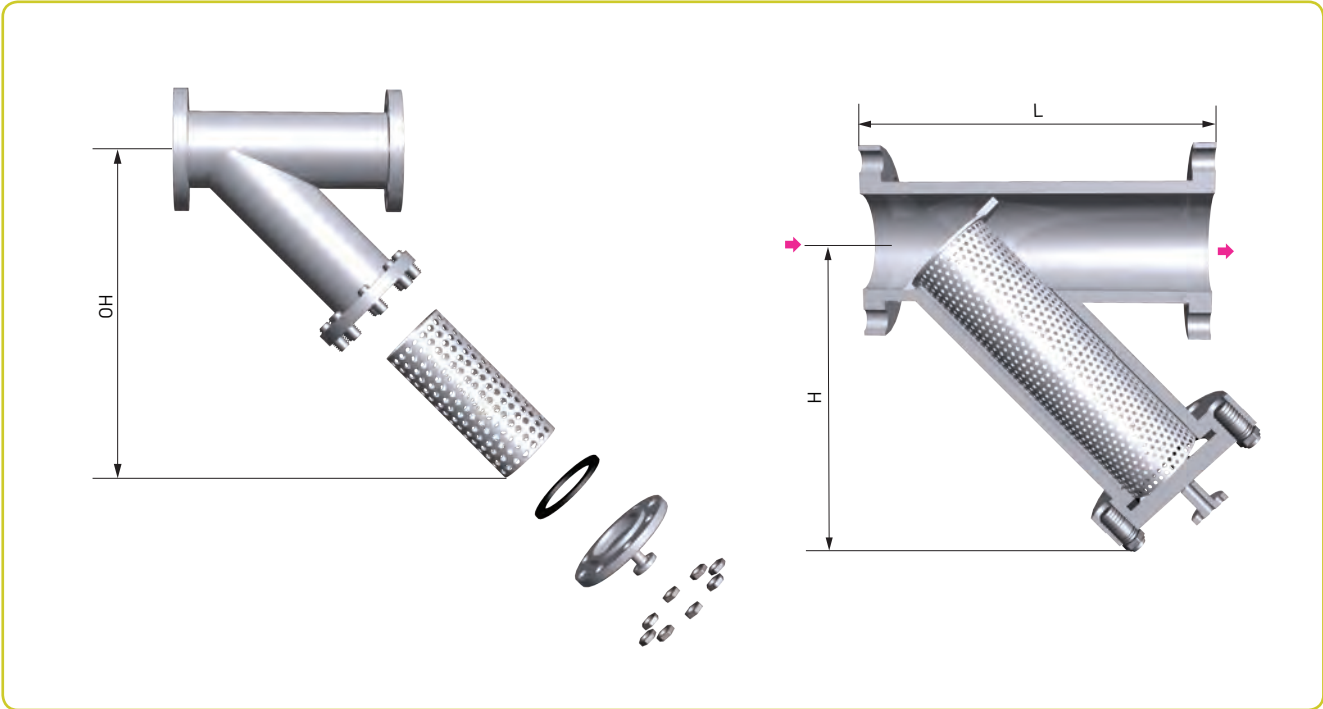
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Flange Rating : 150LB, 300LB, 400LB, 600LB, 900LB, 1500LB, 2500LB
- Materials
 - Body : Mild Steel, Stainless Steel, Bronze & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 12$
- Mesh size : #2 ~ #400 / 11100 ~ 35 micron
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Stud, Hexagon & Etc.
- Vent / Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd & Etc.
- Liquid : Oil, Water, Steam, Gas & Etc.

PART LIST OF Y STRAINERS FOR STEEL PLATE



Y STRAINERS
FOR STEEL PLATE

Y STRAINERS - Y STRAINERS FOR STEEL PLATE



DIMENSION TABLE

UNIT(mm)

Nominal dia	L		H		OH		Net Weight (kg)			
	150LB	300LB	150LB	300LB	150LB	300LB	B/W		FLANGE	
							150LB	300LB	150LB	300LB
50A	290	370	241	247	390	390	11	14	16	21
65A	320	440	272	284	440	440	16	22	25	33
80A	350	490	298	312	490	490	21	29	31	45
100A	410	580	340	355	550	550	31	46	45	69
125A	490	670	382	395	620	650	44	62	61	92
150A	540	700	415	432	670	670	58	83	78	123
200A	660	840	507	526	790	950	98	139	131	200
250A	770	940	593	612	1050	1100	153	221	199	307
300A	880	1080	704	729	1240	1300	229	316	302	447
350A	970	1170	771	795	1350	1430	276	402	376	586
400A	1030	1290	874	906	1520	1600	357	592	486	817
450A	1160	1300	969	1000	1640	1750	443	708	595	996
500A	1270	1330	1060	1095	1800	1910	656	872	833	1207
550A	1370	1440	1167	1211	1980	2090	806	969	1000	1544
600A	1460	1550	1268	1316	2130	2187	948	1297	1213	1768
650A	1600	1800	1409	1452	2187	2270	1288	1707	1555	2276
700A	1750	1950	1519	1568	2380	2380	1449	2047	1890	2755
750A	1850	2000	1618	1680	2545	2545	1750	2354	2108	3204
800A	2000	2200	1733	1789	2714	2714	2040	2729	2503	3690
850A	2100	2300	1852	1908	2910	2910	2341	3106	2834	4205
900A	2250	2450	1960	2016	3085	3085	2719	3546	3310	4771
950A	2350	2550	2077	2067	3275	3275	3007	4083	3679	5798
1000A	2500	2700	2171	2174	3435	3435	3341	4562	4062	6419

※ We can fabrication for addition of more size.

TEMPORARY STRAINERS

FLAT TYPE

CONICAL TYPE

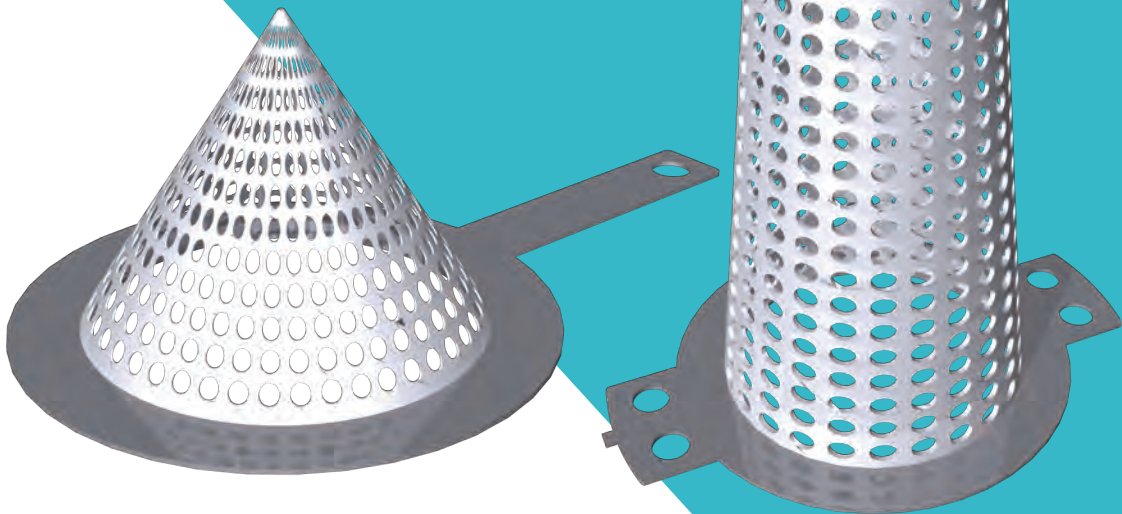
BASKET TYPE

W TYPE

General

They shall be used for flushing before starting regular operation of the piping.

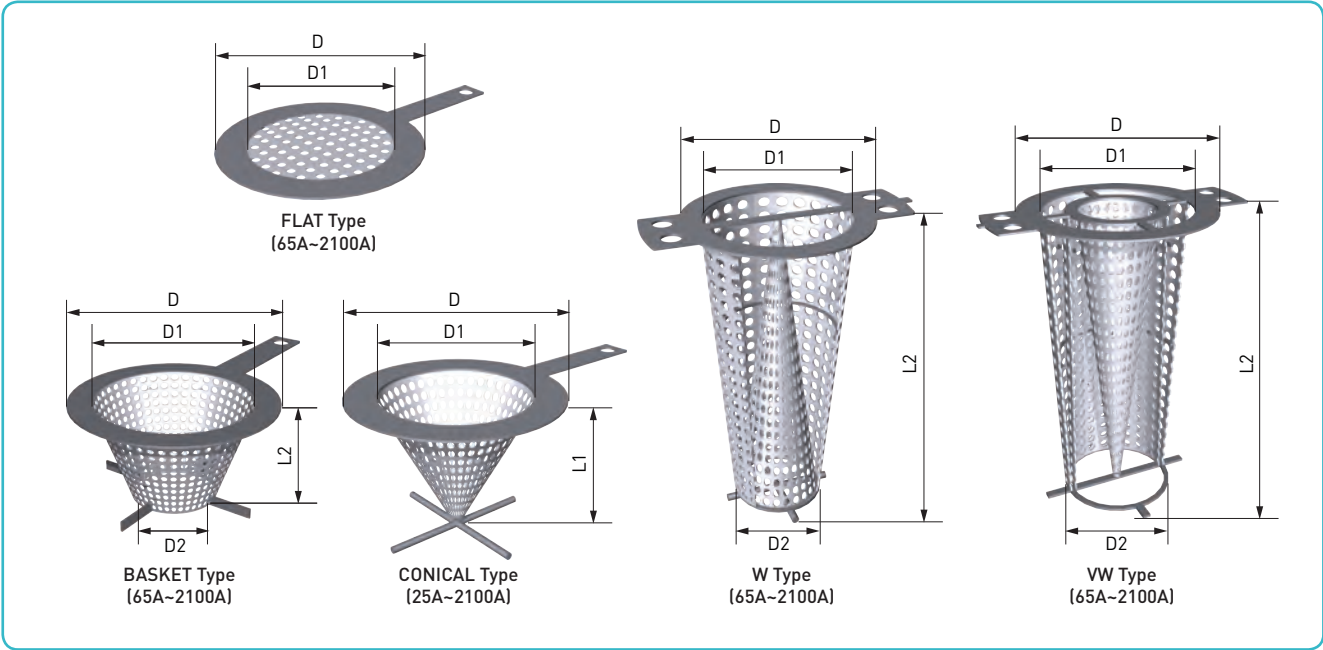
These type are temporary strainers, which are installed between flanges of piping line.



Specifications

- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Flange Rating : 150LB, 300LB, 400LB, 600LB, 900LB, 1500LB, 2500LB
- Materials
 - Filter : Stainless Steel, Monel, Titanium & Etc.
 - Filter Perforation : $\varnothing 2$ - $\varnothing 12$
 - Mesh size : #2 - #400 / 11100 ~ 35 micron
- Lifting : Handle
- Cover bolting : N/A
- Liquid : Oil, Water, Steam, Gas & Etc.

TEMPORARY STRAINERS - FLAT TYPE / CONICAL TYPE / BASKET TYPE / W TYPE



DIMENSION TABLE

UNIT(mm)

Nominal dia	D		D1	D2	L1	L2	Net Weight (kg)		
	150LB	300LB					CONICAL (FLAT)	BASKET	W(VW)
25A	64	70	23	-	40	-	1.2(1.1)	-	-
32A	73	80	30	-	45	-	1.3(1.2)	-	-
40A	83	92	36	-	50	-	1.4(1.3)	-	-
50A	102	108	46	-	60	-	1.5(1.4)	-	-
65A	121	127	58	35	70	80	1.6(1.5)	1.6	1.7(1.9)
80A	134	149	70	45	85	100	1.7(1.6)	1.8	1.9(2.1)
100A	172	181	93	60	115	110	2.2(1.7)	2.2	2.4(2.7)
125A	194	213	115	75	145	140	2.4(1.8)	2.6	2.9(3.3)
150A	220	248	135	90	180	170	2.8(1.9)	3.1	3.6(4.2)
200A	277	308	185	125	230	210	4.8(3)	4.3	5.1(6.2)
250A	337	362	235	150	295	270	6.5(4)	5.9	7.2(8.8)
300A	407	426	275	180	365	325	9.2(5)	8.2	10.0(12)
350A	447	485	305	205	390	350	9.8(6)	8.8	10.8(13)
400A	511	543	350	245	455	400	10.5(7)	12	14(17)
450A	546	597	400	270	510	450	12(8)	13	15(19)
500A	603	651	450	305	570	500	19(13)	15	18(22)
550A	657	657	500	335	625	550	22(14)	17	21(26)
600A	715	715	550	360	675	600	25(17)	20	25(31)
650A	772	772	595	385	730	650	29(18)	29	36(47)
700A	829	829	645	415	780	700	33(20)	39	49(61)
750A	880	880	695	450	835	750	36(21)	44	55(68)
800A	937	937	740	470	885	800	41(24)	50	61(77)
850A	987	987	790	500	945	850	45(26)	55	68(85)
900A	1045	1045	840	530	995	900	46(29)	56	70(88)
950A	1108	1108	890	560	1060	950	52(32)	63	78(98)
1000A	1159	1159	930	600	1130	1000	57(35)	70	87(109)
1050A	1216	1216	975	630	1180	1050	63(39)	77	96(120)
1100A	1273	1273	1020	650	1240	1100	69(42)	84	104(130)
1150A	1324	1324	1070	680	1285	1150	71(45)	87	108(135)
1200A	1381	1381	1120	710	1350	1200	77(48)	94	117(147)
1250A	1432	1432	1160	740	1410	1250	83(52)	101	127(159)
1300A	1489	1489	1210	770	1460	1300	89(56)	109	137(171)
1350A	1546	1546	1260	800	1520	1350	91(60)	112	141(176)
1500A	1711	1711	1400	890	1700	1500	111(72)	137	173(216)
1650A	1883	1883	1540	980	1850	1650	123(87)	152	191(239)
1800A	2048	2048	1680	1060	2030	1800	145(102)	179	225(281)
1950A	2207	2207	1830	1150	2200	1950	166(115)	206	260(325)
2100A	2372	2372	1970	1250	2360	2100	190(133)	238	301(377)

※ We can fabrication for addition of more size.

MUD BOXES MUD BOXES FOR CASTING

General

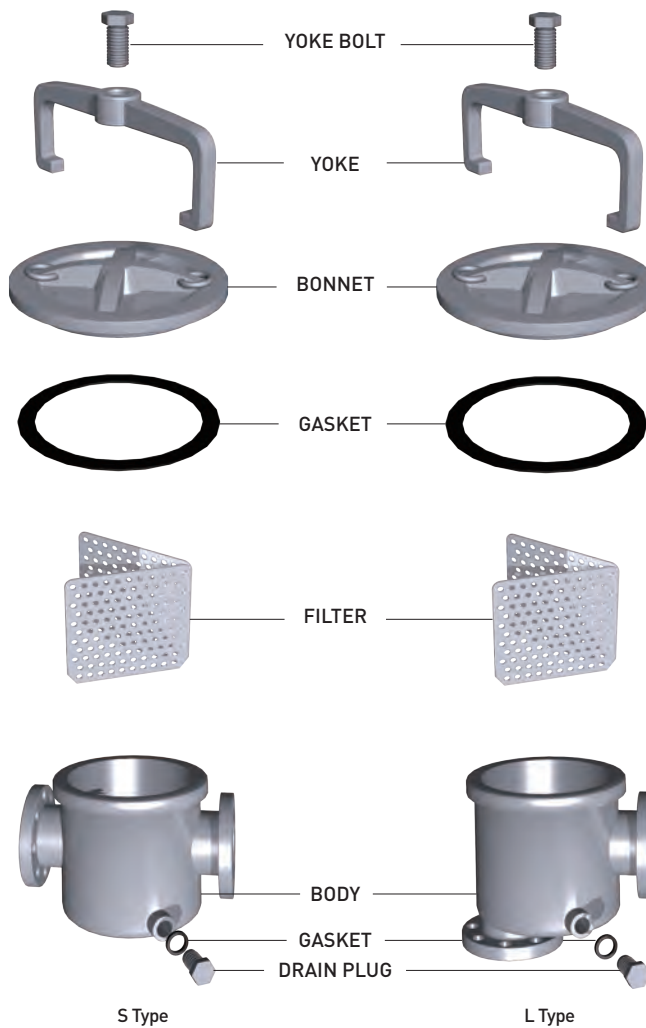
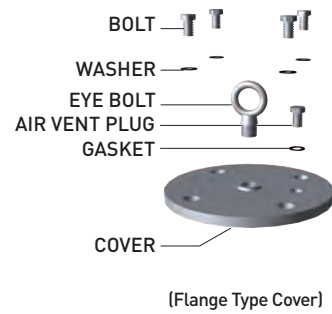
Mud Boxes for casting are available with bolted or quick release yoked cover. Yoke cover units are ideally suited for applications where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



Specifications

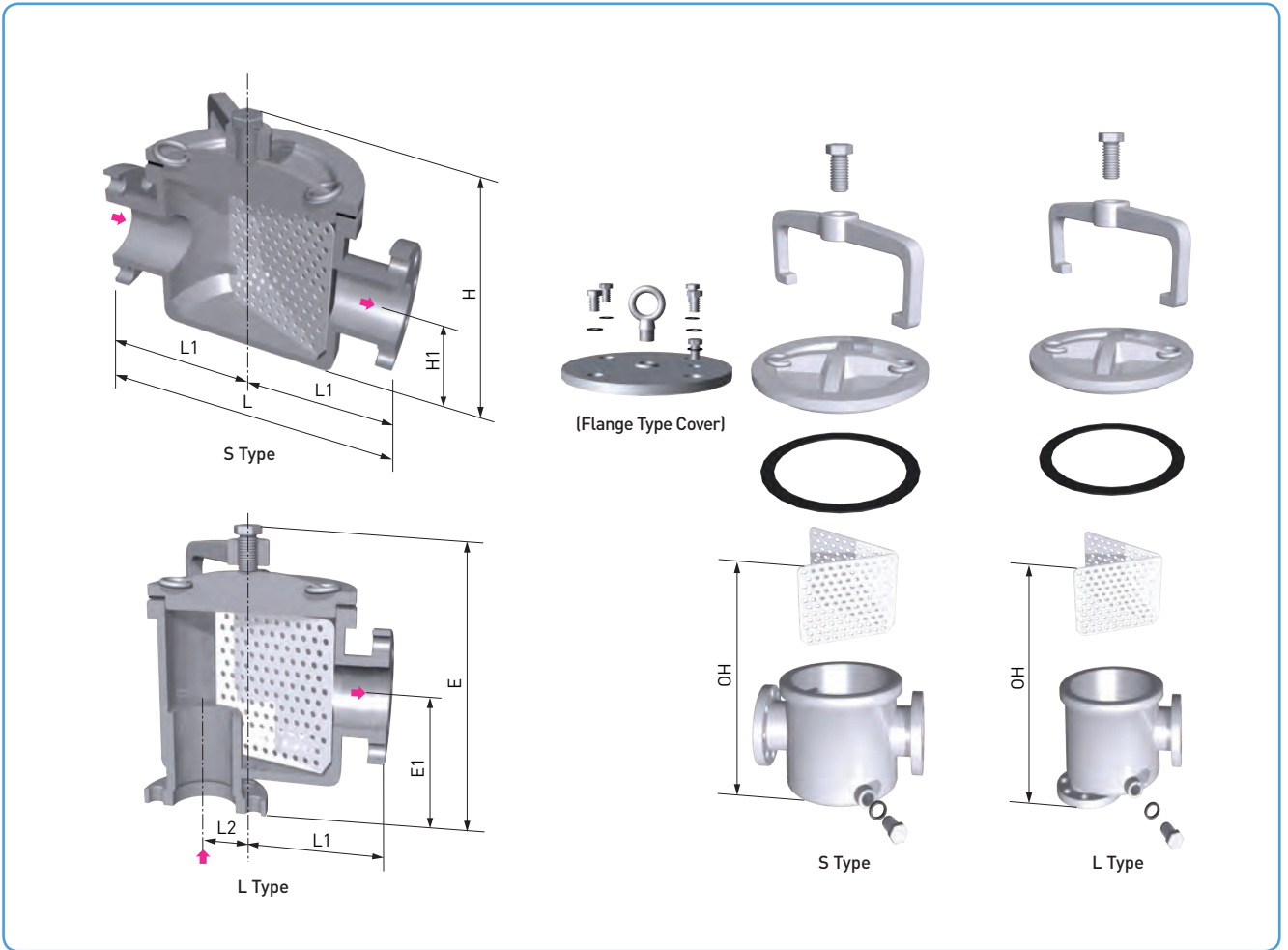
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Cast Steel, Cast Stainless Steel, Cast Bronze & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 - \varnothing 9$
- Mesh size : N/A
- Lifting : Ring, Yoke
- Cover bolting : Yoke, Stud bolt, Eye bolt
- Drain type : Screw, Flange, Valve, & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Water, Oily Water, Gas & Etc.

PART LIST OF MUD BOXES FOR CASTING



MUD BOXES
FOR CASTING

MUD BOXES - MUD BOXES FOR CASTING



DIMENSION TABLE

UNIT(mm)

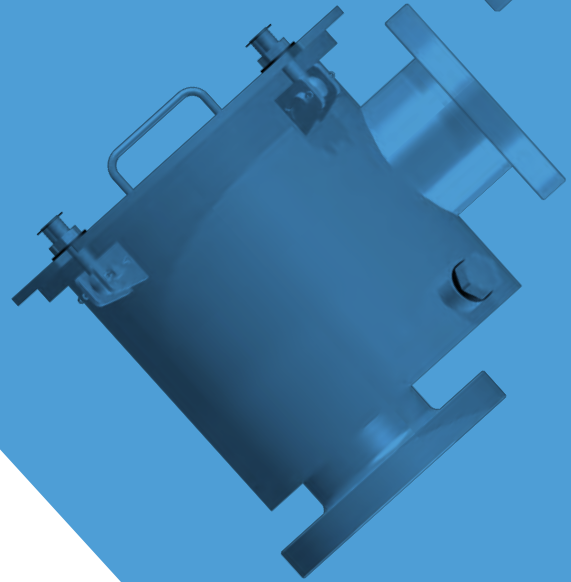
Nominal dia	L1	L2	L	E1	E	H1	H	OH		DRAIN PLUG	Net Weight(kg)
								S-TYPE	L-TYPE		
25A	90	23	180	110	255	73	218	238	275	M16x2P	11
32A	90	23	180	110	255	73	218	238	275	M16x2P	12
40A	90	23	180	110	255	73	218	238	275	M16x2P	13
50A	120	40	240	135	280	90	235	296	341	M20x1.5P	23
65A	150	53	300	160	340	116	296	389	433	M20x1.5P	37
80A	160	55	320	180	375	131	326	436	485	M20x1.5P	41
100A	190	70	380	210	435	152	377	494	552	M20x1.5P	59
125A	235	88	470	285	560	214	489	674	745	M20x1.5P	98
150A	280	110	560	345	665	267	587	832	910	M24x2P	159
200A	330	135	660	440	845	330	735	1025	1135	M30x2P	260
250A	380	155	760	500	1025	400	925	1300	1400	M30x2P	448

※ We can fabrication for addition of more size.

MUD BOXES MUD BOXES FOR STEEL PLATE

General

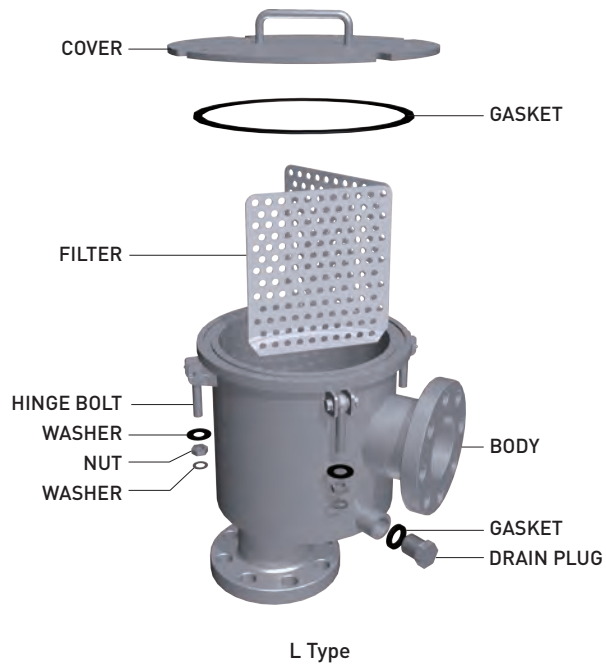
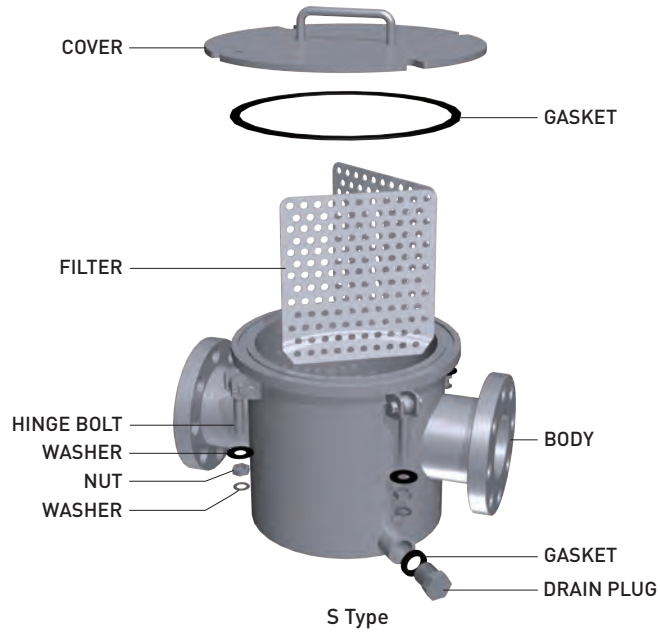
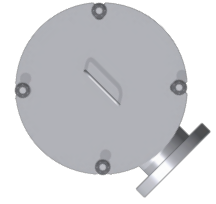
Mud Boxes for steel plate are available with bolted or quick release hinge bolted cover. Hinge bolted cover units are ideally suited for applications where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



Specifications

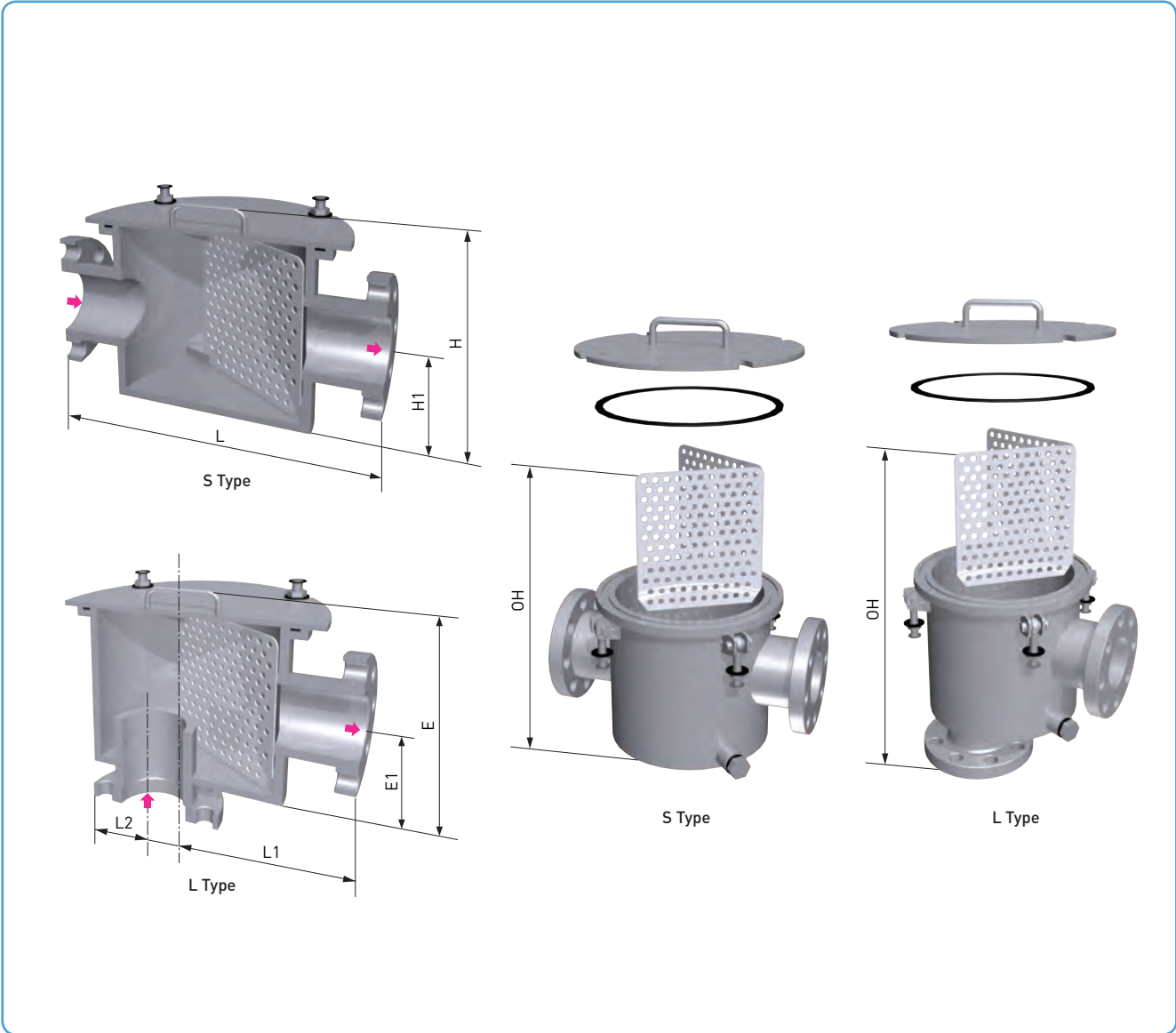
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Mild Steel, Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 19$
- Mesh size : N/A
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Hinge, Stud, Hexagon & Etc.
- Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Water, Oily Water, Gas & Etc.

PART LIST OF MUD BOXES FOR STEEL PLATE



MUD BOXES FOR STEEL PLATE

MUD BOXES - MUD BOXES FOR STEEL PLATE



DIMENSION TABLE

UNIT(mm)

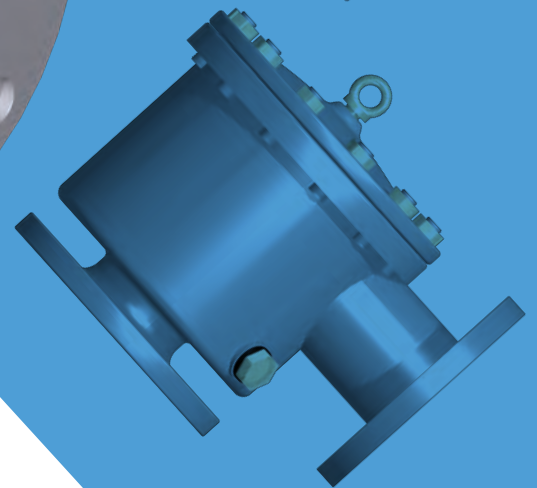
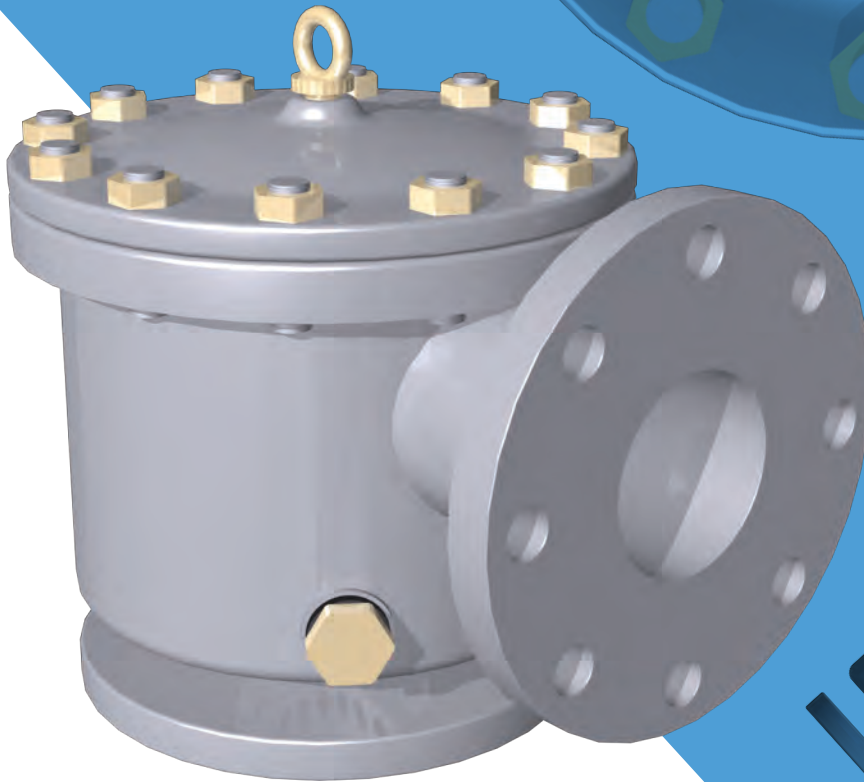
Nominal dia	L	L1	L2	H	H1	E	E1	OH		DRAIN PLUG	Net Weight(kg)
								S-TYPE	L-TYPE		
100A	430	215	45	332	152	390	210	509	567	M20x1.5P	41
125A	545	273	50	436	214	507	285	691	762	M20x1.5P	70
150A	620	310	80	522	267	600	345	854	932	M20x1.5P	114
200A	750	375	90	631	330	741	440	1057	1167	M20x1.5P	192
250A	840	420	115	773	400	873	500	1355	1435	M20x1.5P	287
300A	840	420	85	784	410	884	510	1366	1457	M20x1.5P	297

※ We can fabrication for addition of more size.

MUD BOXES MUD BOXES FOR ROUND TYPE [CASTING]

General

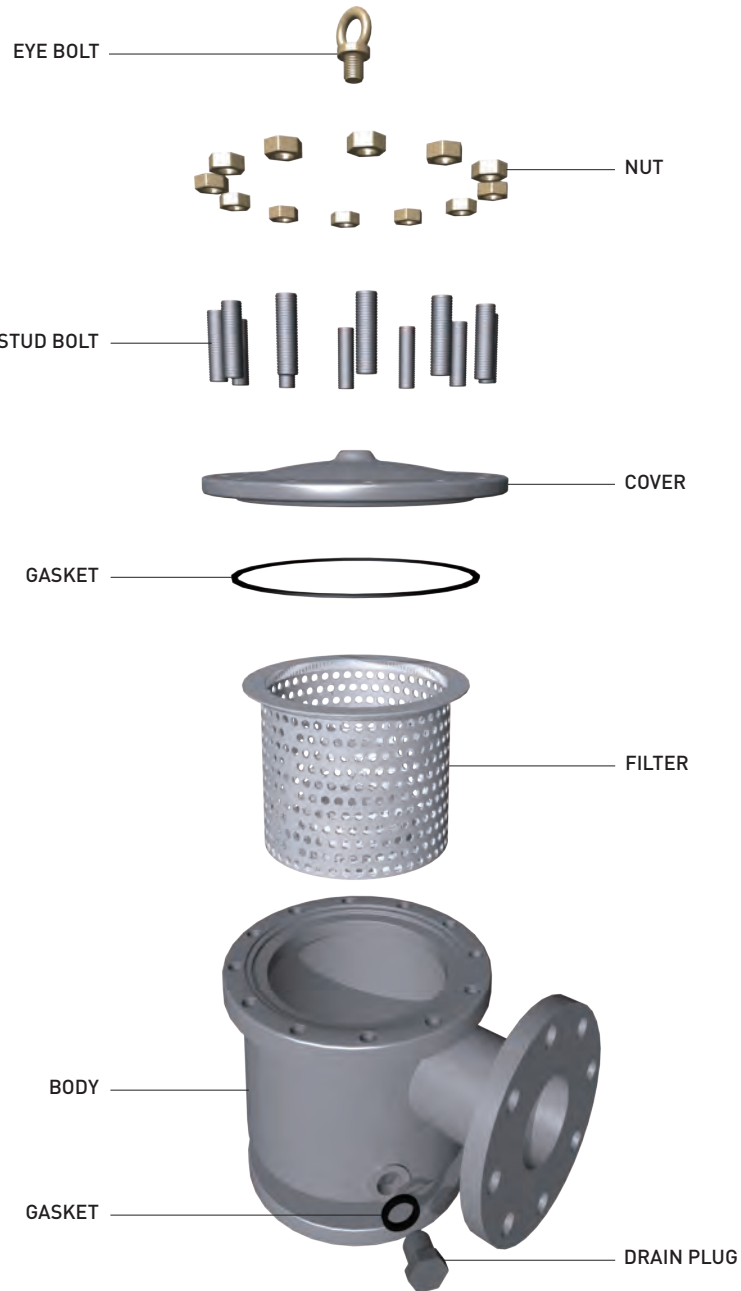
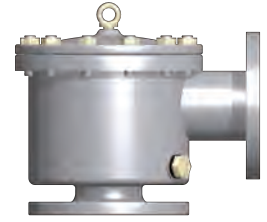
Mud boxes for round type casting are available with bolted or quick release hinge bolted cover. Hinge bolted cover units are ideally suited for applications where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



Specifications

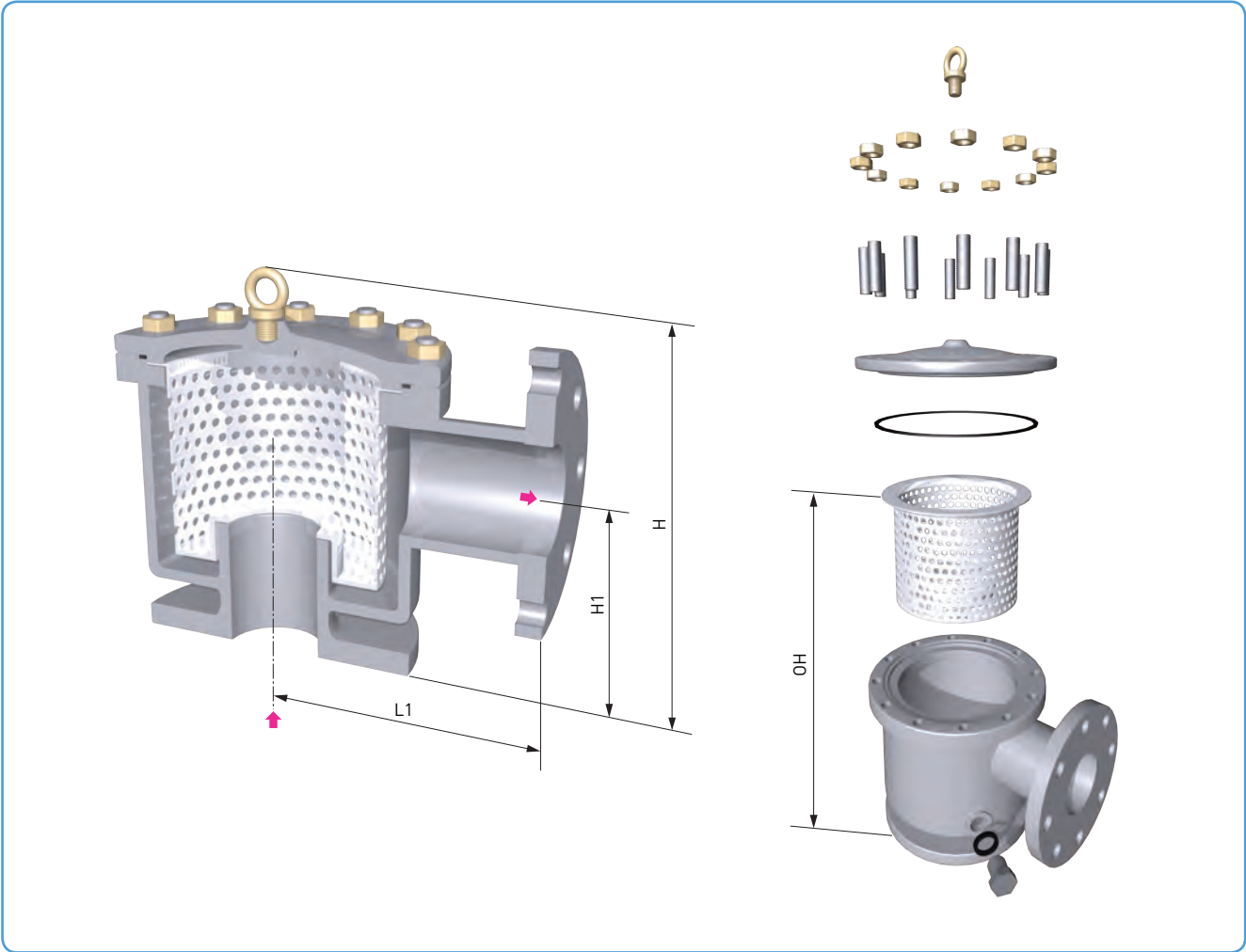
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Cast Steel, Cast Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 - \varnothing 19$
- Mesh size : N/A
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Hinge, Stud, Hexagon & Etc.
- Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Water, Oily Water, Gas & Etc.

PART LIST OF MUD BOXES FOR ROUND TYPE [CASTING]



MUD BOXES FOR
ROUND TYPE [CASTING]

MUD BOXES - MUD BOXES FOR ROUND TYPE [CASTING]



DIMENSION TABLE

UNIT(mm)

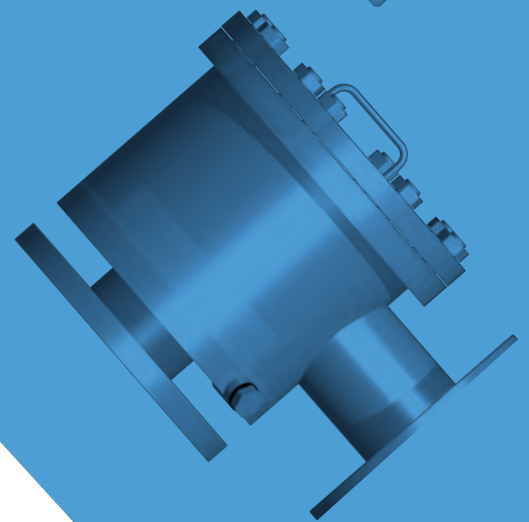
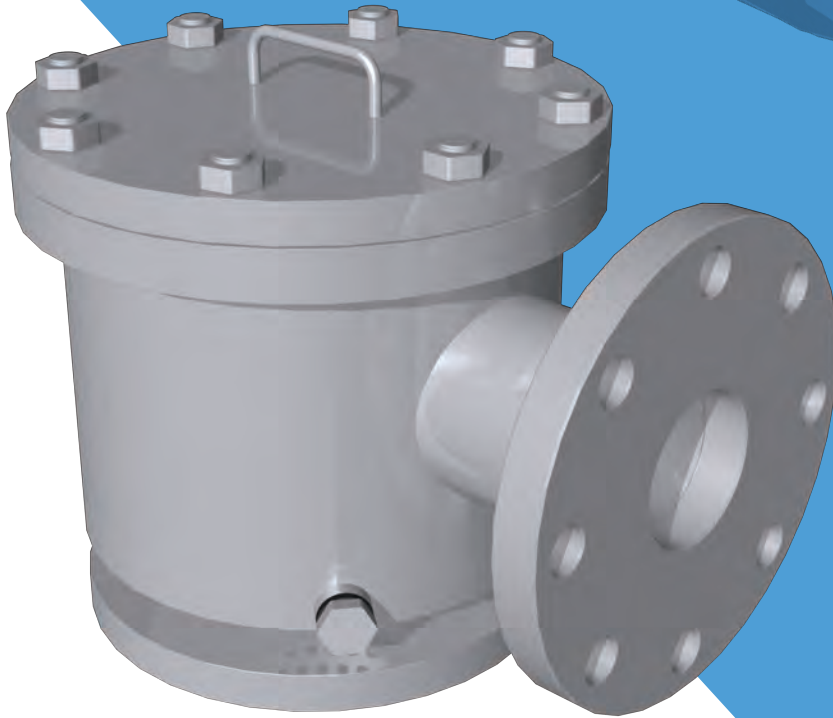
Nominal dia	L1	H	H1	OH	DRAIN	Net Weight(kg)
25A	90	255	110	275	M16x2P	9
32A	90	255	110	275	M16x2P	12
40A	90	255	110	275	M16x2P	12
50A	120	280	135	341	M20x1.5P	19
65A	150	340	160	433	M20x1.5P	36
80A	160	375	180	485	M20x1.5P	41
100A	190	435	210	552	M20x1.5P	55
125A	235	560	285	745	M20x1.5P	97
150A	280	665	345	910	M24x2P	152
200A	330	845	440	1135	M24x2P	259
250A	380	1025	500	1400	M24x2P	455

※ We can fabrication for addition of more size.

MUD BOXES + MUD BOXES FOR ROUND TYPE [STEEL PLATE]

General

Mud boxes for round type steel plate are available with bolted or quick release hinge bolted cover. Hinge bolted cover units are ideally suited for applications where frequent clean-out of the filter is expected. Having a spare, clean filter on hand will greatly reduce the cleaning time, and differential pressure gauges, with alarms, can be supplied to get the maximum on-stream time between cleaning cycles.



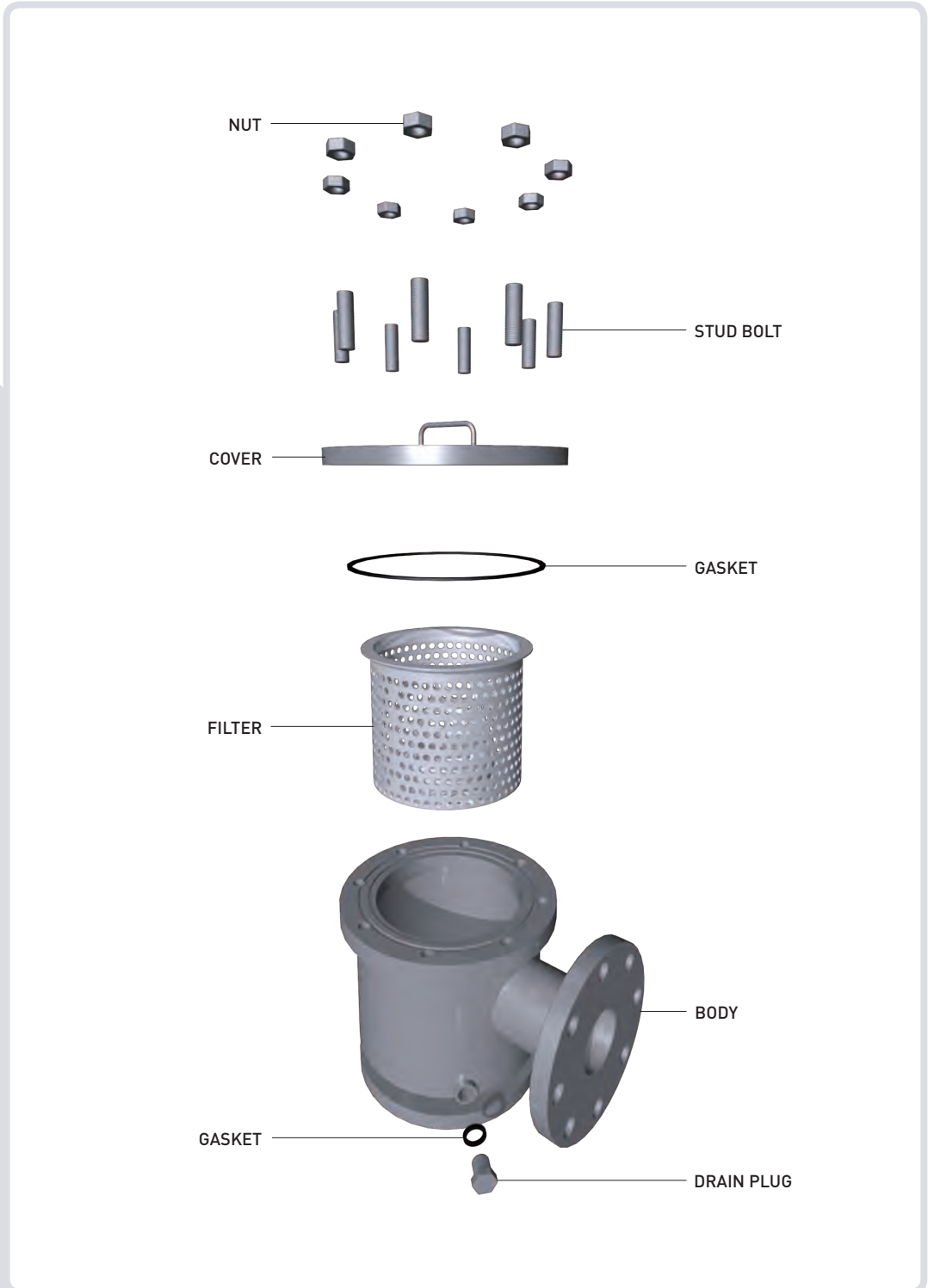
Specifications

- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Body : Mild Steel, Stainless Steel & Etc.
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 \sim \varnothing 19$
- Mesh size : N/A
- Lifting : Handle, Davit, Lug & Etc.
- Cover bolting : Hinge, Stud, Hexagon & Etc.
- Drain type : Screw, Flange, Valve & Etc.
- Coating : Tar Free Epoxy, NBR, PE, Hot Dipped Galv'd, F.B.E & Etc.
- Liquid : Water, Oily Water, Gas & Etc.

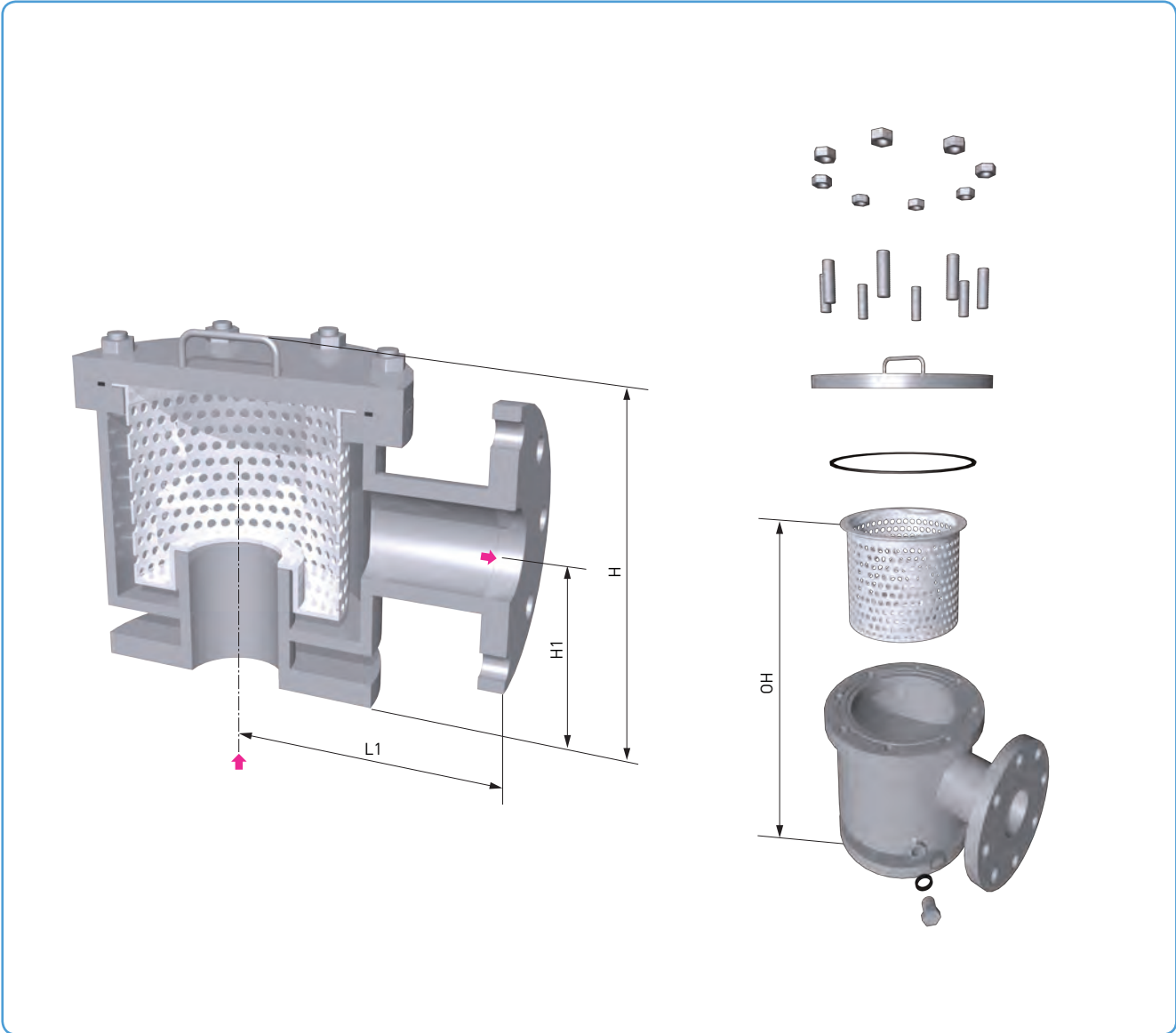
PART LIST OF MUD BOXES FOR ROUND TYPE [STEEL PLATE]



MUD BOXES FOR ROUND TYPE
[STEEL PLATE]



MUD BOXES - MUD BOXES FOR ROUND TYPE [STEEL PLATE]



DIMENSION TABLE

UNIT(mm)

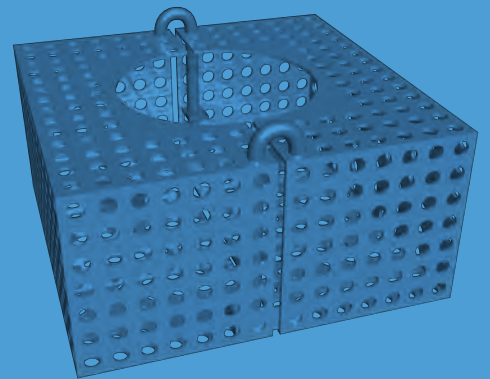
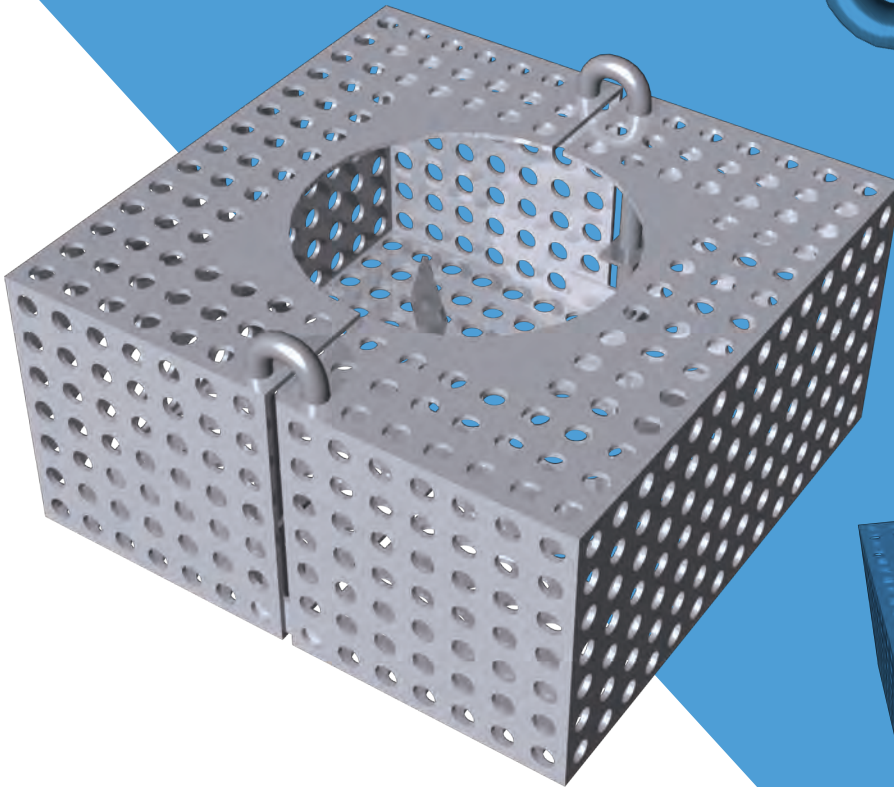
Nominal dia	L1	H	H1	OH	DRAIN	Net Weight(kg)
125A	545	507	285	762	M20x1.5P	70
150A	620	600	345	932	M20x1.5P	113
200A	750	741	440	1167	M20x1.5P	193
250A	840	873	500	1435	M20x1.5P	288
300A	840	884	540	1455	M20x1.5P	297

※ We can fabrication for addition of more size.

ROSE BOXES ROSE BOXES FOR STEEL PLATE

General

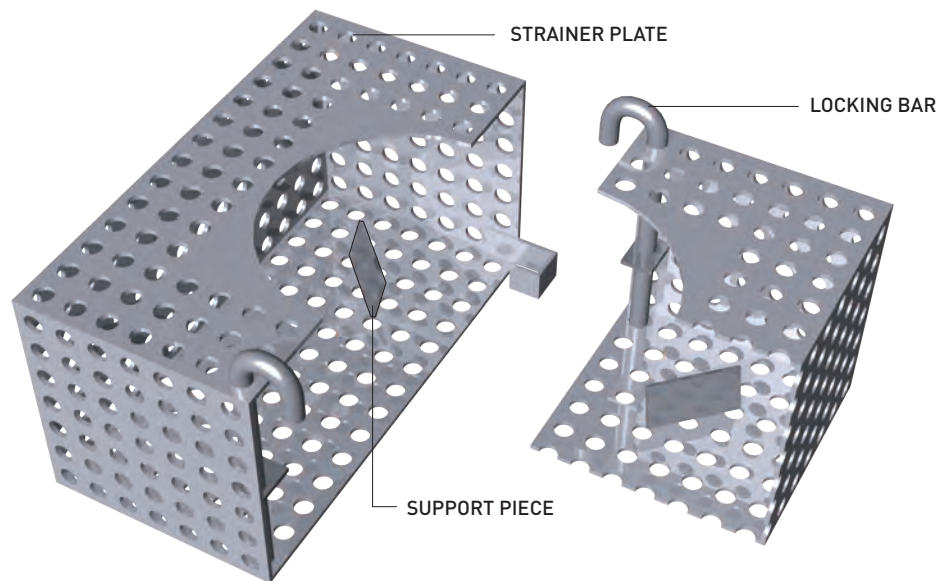
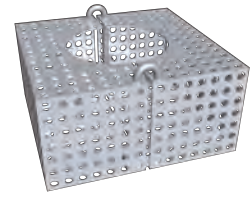
They shall be used for filtering that the collected bilge from each compartment.
These type are installed for end position of suction piping line.



Specifications

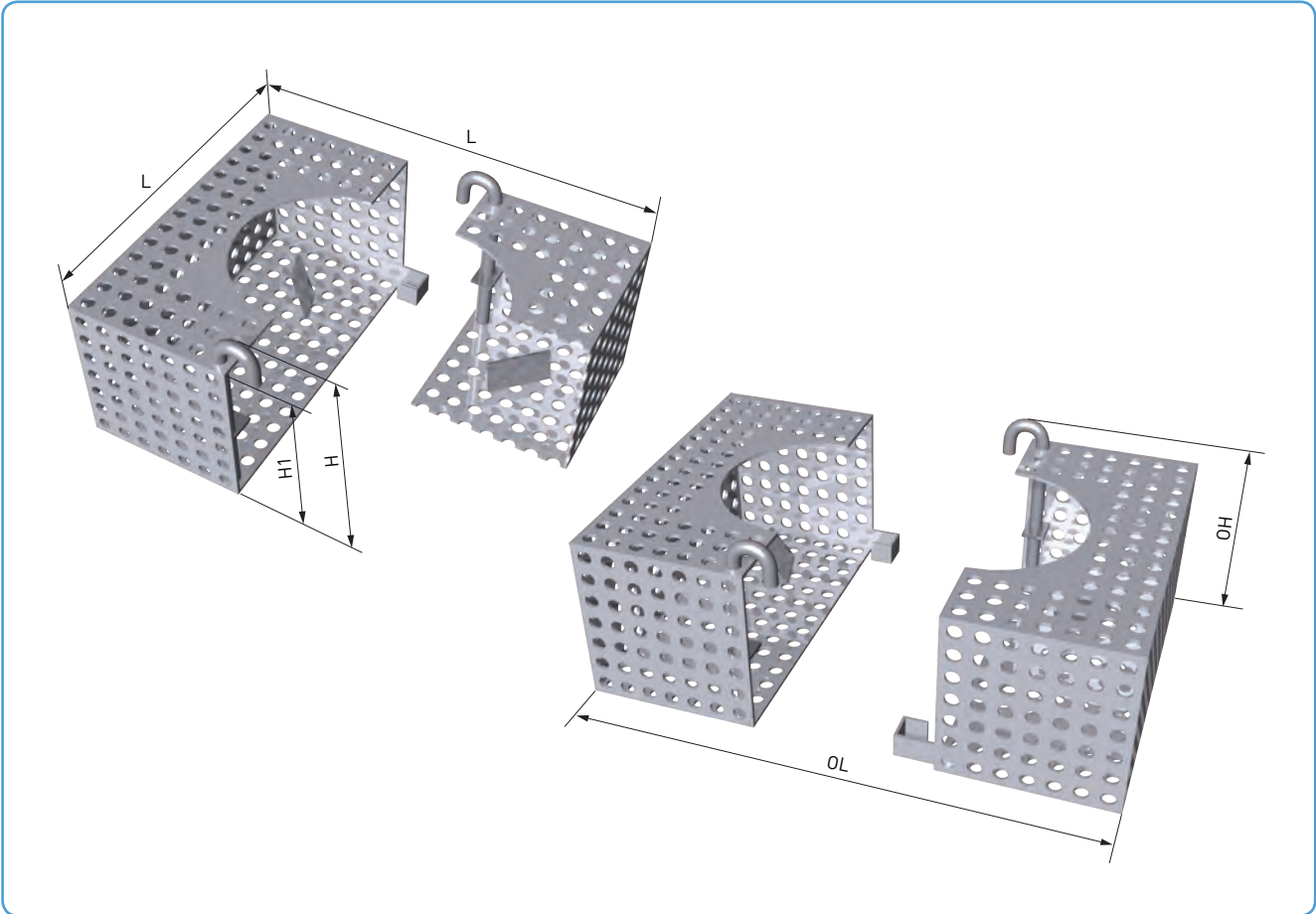
- Connection Flange : JIS B 2210, ANSI B 16.5, DIN & Etc.
- Materials
 - Filter : Mild Steel, Stainless Steel, Monel, Titanium & Etc.
 - Packing : NBR, EPDM, PTFE, Viton & Etc.
- Filter Perforation : $\varnothing 2 - \varnothing 12$
- Mesh size : N/A
- Cover bolting : N/A
- Liquid : Oil, Water & Etc.

PART LIST OF ROSE BOXES FOR STEEL PLATE



ROSE BOXES
FOR STEEL PLATE

ROSE BOXES - ROSE BOXES FOR STEEL PLATE



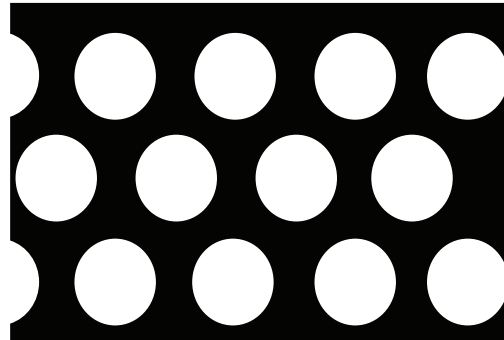
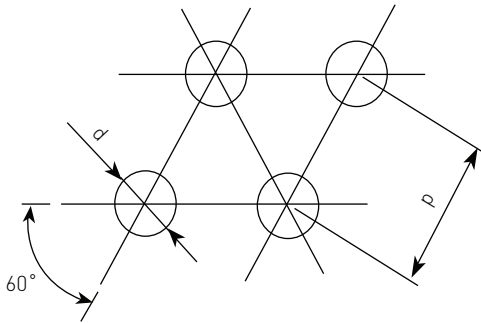
DIMENSION TABLE

UNIT(mm)

Nominal dia	L	H1	H	OH	OL	Net Weight (kg)
25A	95	50	80	112	129	1.4
32A	95	65	90	122	138	1.5
40A	95	65	90	122	144	2
50A	110	80	105	144	171	3
65A	140	95	120	158	237	4
80A	170	110	135	173	260	5
100A	200	140	165	209	315	6
125A	260	170	200	244	400	8
150A	320	200	230	274	486	11
200A	380	260	300	360	597	22
250A	440	320	360	420	708	29
300A	500	350	400	470	819	37

※ We can fabrication for addition of more size.

PERFORATED PLATE. (60°~ ZIG ZAG)



$$\text{OPEN AREA RATIO(\%)} = 0.91 \times (d/P)^2 \times 100$$

Here is, d : PORE DIAMETER (mm)

P : PITCH (mm)



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SUN PRECISION CO., LTD

#498-67, DAEJEO 1 DONG, GANGSEO-GU, BUSAN, KOREA

SUN DESIGN CO., LTD

#492-2, DAEWOO EDEN PLAZA, HADAN-2 DONG, SAHA-GU, BUSAN, KOREA