



Line Blind Sammi



Compact type

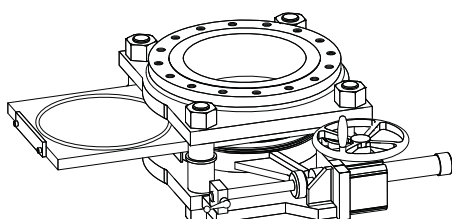
line blinds, line blind valves



- ☒ **Compact & solid structure**
This type is proper to a large size of pipe line. It has solid structure and very short face to face dimension and can be connected with counter flanges to its body directly.
- ☒ **No line spread**
- ☒ **Auto positioning of blind plate**
- ☒ **Hand wheel torque indicator**
- ☒ **Double safety locking**
- ☒ **Self stick free mechanism**
- ☒ **Gasket protection cover**
- ☐ **Double Sealing (optional)**
- ☐ **Open / Close position sensor (optional)**

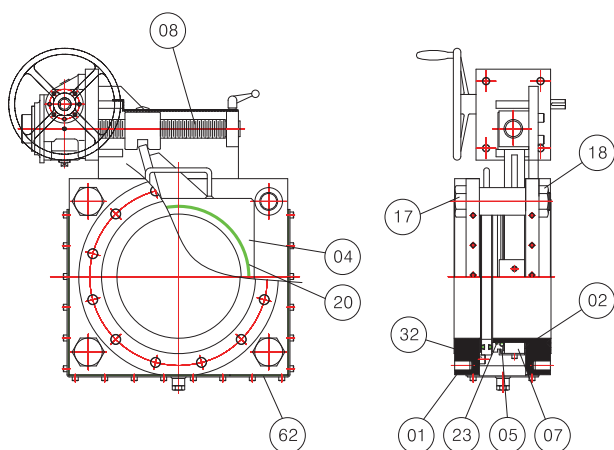


■ Sample applications

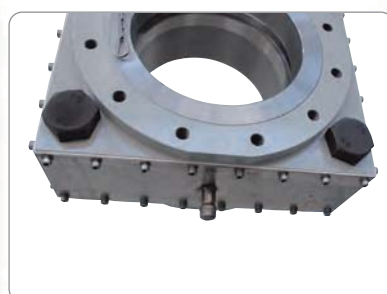


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|--------------------------|----------------------------|----------------------|
| ■ Tankfarms | ■ Shipboard lines | ■ Pump isolation |
| ■ Vessel inlets | ■ Loading stations | ■ Filtration systems |
| ■ Mixing lines | ■ Clean out ports | ■ Steam lines |
| ■ Pig launching stations | ■ Tank vents | ■ Flares |
| ■ Fuel lines | ■ Man ways | ■ LNG ships |
| ■ Ethylene furnaces | ■ Lock out tag out systems | |

Part description



No.	PART NAME	STANDARD MATERIAL	OPTIONAL MATERIAL
01	BODY	CARBON STEEL STAINLESS STEEL	Super Stainless Cr-Mo Alloy Steel Hastelloy Steel & etc
02	PIPE	CARBON STEEL STAINLESS STEEL	Super Stainless Cr-Mo Alloy Steel Hastelloy Steel & etc
04	BLIND PLATE	CARBON STEEL STAINLESS STEEL	Super Stainless Cr-Mo Alloy Steel Hastelloy Steel & etc
05	SEAT	CARBON STEEL STAINLESS STEEL	Super Stainless Cr-Mo Alloy Steel Hastelloy Steel & etc
07	GEAR SET	STAINLESS STEEL	STAINLESS STEEL
08	SCREW SHAFT	STAINLESS STEEL	STAINLESS STEEL
17	STUD BOLT	SA193-B7, SA193-B8	SA193-B7, SA193-B8
18	HEX NUT	SA194-2H, SA194-Gr.8	SA193-B7, SA193-B8
20	O-RING	SELECTION	SELECTION
23	WIPER RING	PTFE/GRAPHITE	PTFE/GRAPHITE
32	POSITIONER	STAINLESS STEEL	STAINLESS STEEL
62	NON-SPILL COVER	STAINLESS STEEL	STAINLESS STEEL



■ Critical factors in safety

(1) Working conditions based on specification of line blind :

Working conditions like pressure, temperature and matters to be attended are specified in manual which makes sure to be used fittingly and inappropriateness to be corrected immediately.

(2) The right sealing material (gasket) selection :

Sealing material, specifications and part number are specified in manual which make it easy to secure spares.

(3) Gasket replacement :

Blind plate can be visually checked to decide replacement O-ring in seat be replaced at site.

Replacement interval can be different based on gasket kinds and working conditions it's specified in manual after checking the above.

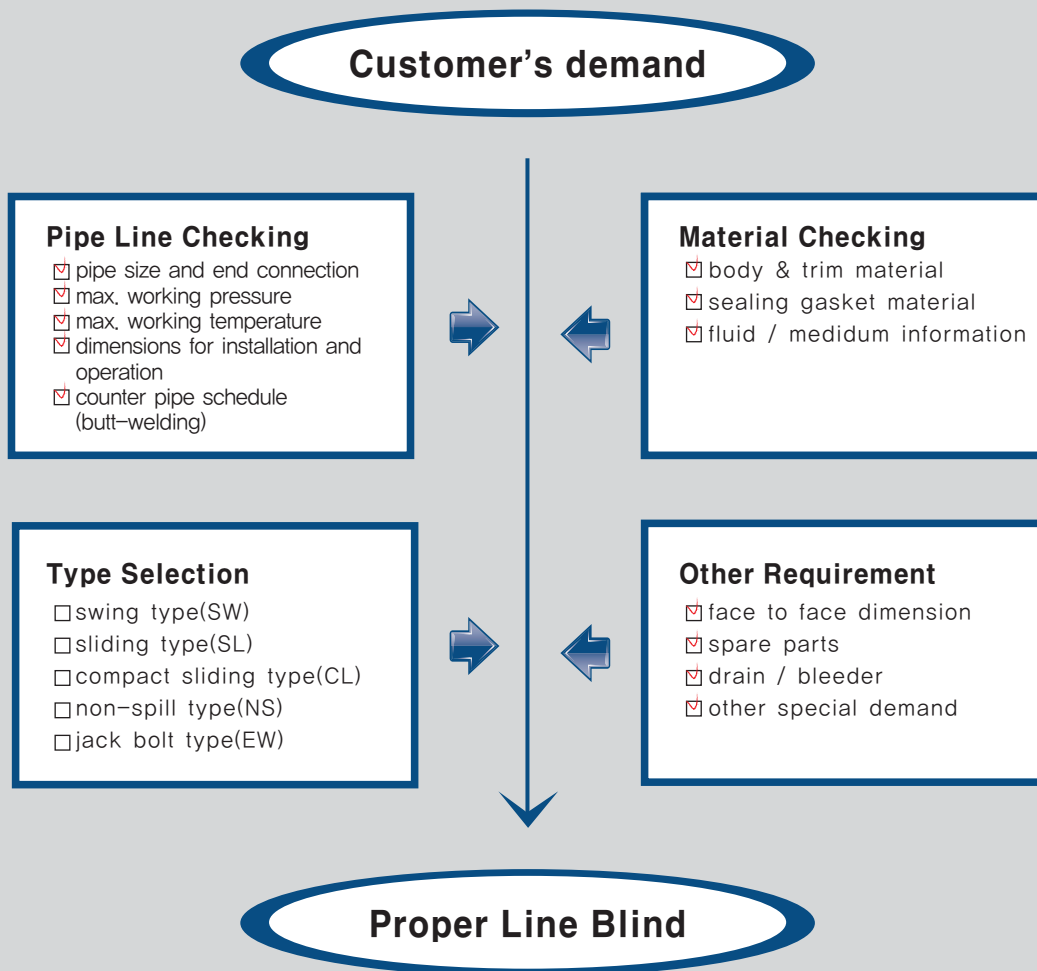
(4) Double locking device :

Locking device is double-installed to avoid operator's carelessness and mis-functions and one of them has a key.

(5) Protection from misalignment of spectacle plate :

Spectacle plate is designed to be settled in the right position.

Guide to select a proper line blind



Product Code

SW 8 – AN300 – CS/304/FKM

(a) (b) (c) (d) (e) (f)

Size
ex) 8 = NPS 8
= DN200 = 200A

Type

SW : Swing Type
SL : Sliding Type
CL : Compact Type
NS : Non-Spill Type
EW : Jack Bolt Swing Type
EL : Jack Bolt Sliding Type

Class

AN300 : ASME Class 300
PN16 : ISO PN 16 bar
JS20 : JIS Class 20 kg/cm²

Body Material

ex) CS : Carbon Steel
304 : Stainless Steel 304
C276 : Hastelloy C276

Blind Material

ex) CS : Carbon Steel
304 : Stainless Steel 304
C276 : Hastelloy C276

Sealing Material

NBR / HNBR : Nitrill Rubber, Buna-N
FKM / FPM : Viton
FEPV / PFAV : Teflon Encapsulated O-ring
VMQ / FVMQ : Silicone, Fluoro Silicone
EPDM : Ethylene Propylene Rubber
FFKM / FFPM : Perfluoro Elastomer, Kalrez, Chemrez
SP : Spiral Wound Gasket
GR : Graphite
Soft Metal



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