



CE EAC
No. 08190322KTN.UU45

KTN
Kara Technology News

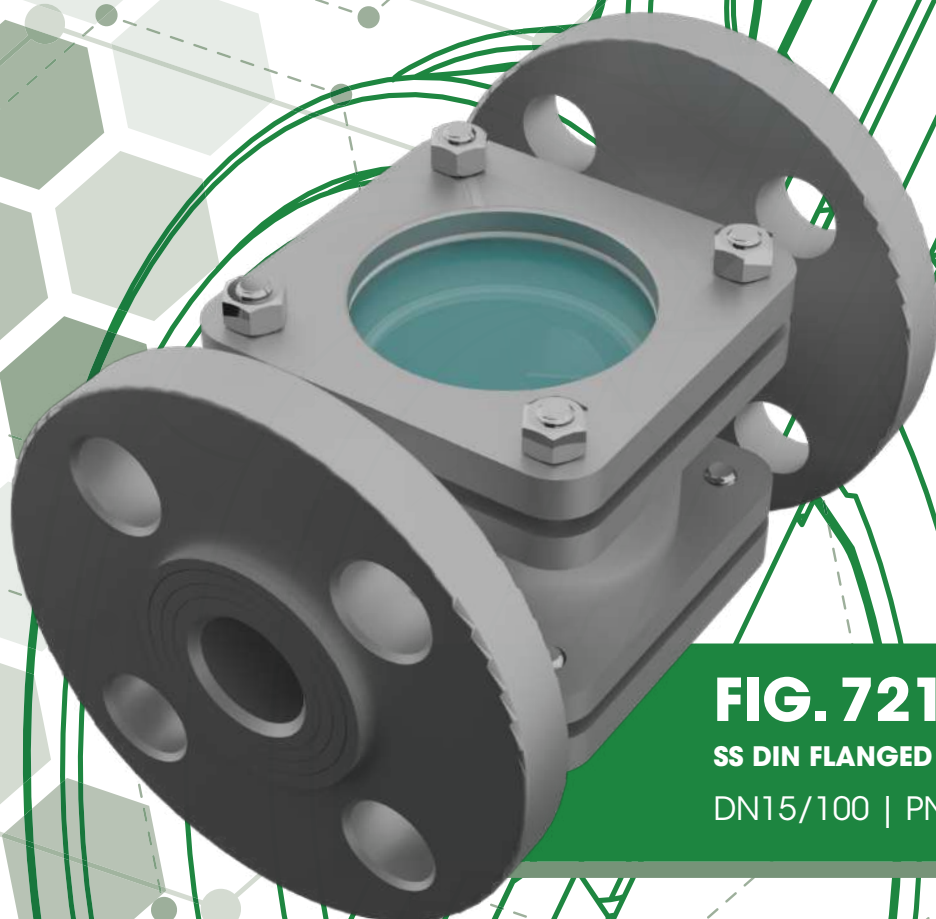


FIG. 721

SS DIN FLANGED SIGHTGLASS

DN15/100 | PN16

KTN FLANGED SIGHTGLASS:

The **KTN 721 sightglass allows** plant managers and engineers to look inside the pipe system, without disrupting the flow. Thanks to this feature they can **observe critical changes** in pressures or chemicals. Sightglass have become very **valuable in many industries** including steam, pipelines, chemical processing, pharmaceutical processing and food processing.

With a simple but effective **API594 design**, **KTN 721** can be set into the pipe line **vertically or horizontally**. Through its **tempered glass** we can observe up to **100°C** degree media. There is **flow indicator** available as option to help to **see transparent media**.

Body and bonnets are made of **high quality cast CF8M** stainless steel. Our sightglass has two PTFE gaskets between the glass to achieve **complete tightness** and **increase corrosion resistance** between bonnet and body.

Pressure range according to **PN16**. Range from **DN15 to 100**. Check our KTN711 for sightglass threaded option.

1 Body & bonnet:

Body and bonnet designed according to API 594 held under pressure by bolts. Machined from high quality cast CF8M stainless steel. The sight glass is square in measurements smaller than DN65 and round in larger measurements to compensate the increase in pressure.

2 Tempered glass:

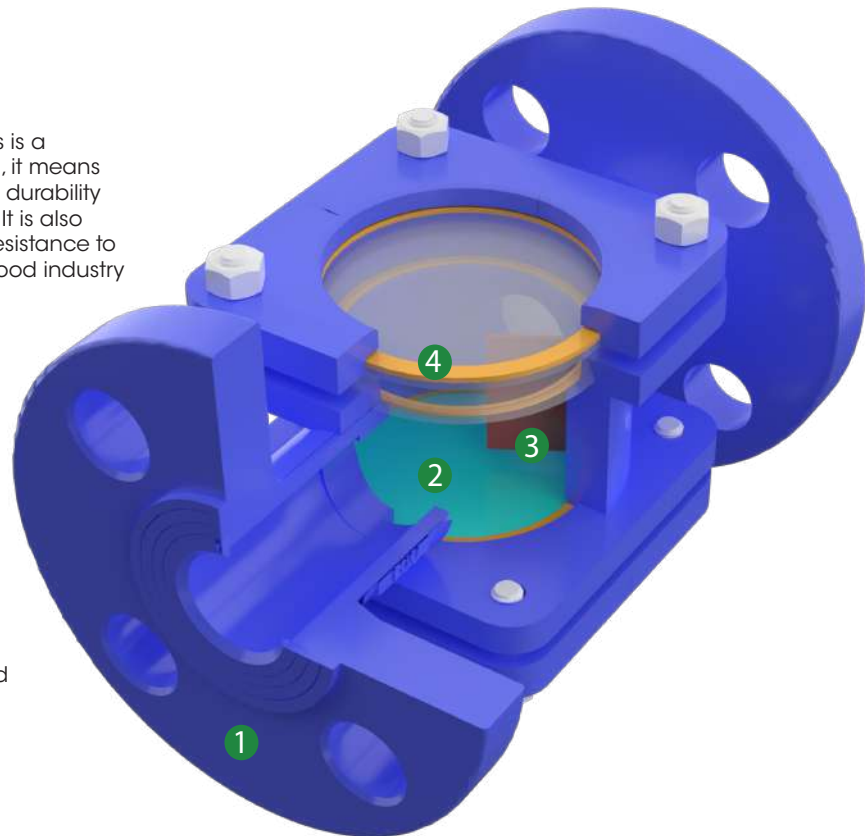
Considered as a safety glass, Thermal tempered glass is a glassware with a low coefficient of thermal expansion, it means it won't crack like regular glass does. The flexibility and durability ensures makes it a popular choice for variety of uses. It is also known for corrosion tolerance properties, with great resistance to chemical changes. In addition, we can find them in food industry for its non toxic properties.

3 Flow indicator:

Optional Stainless steel turbulence tab welded to the body that helps to see the media movement.

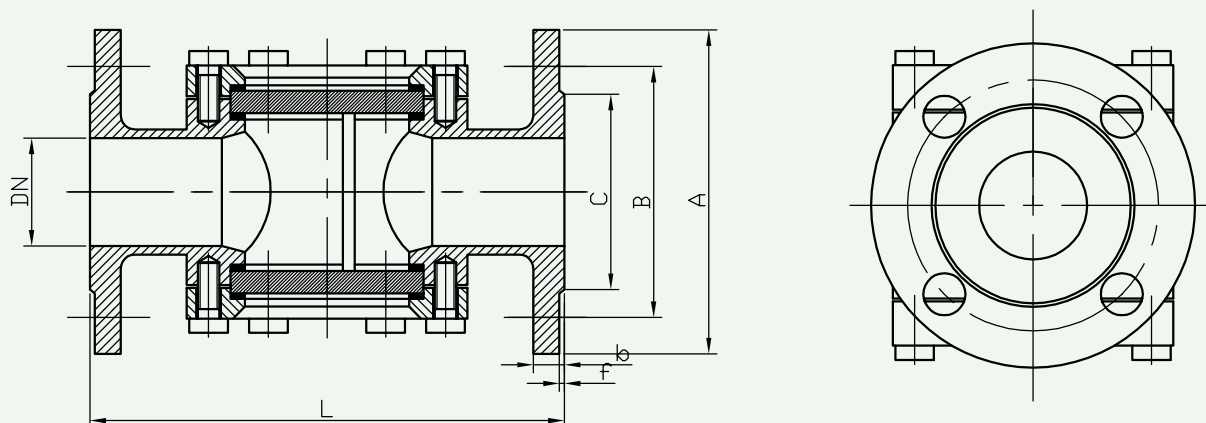
4 PTFE gasket:

PTFE gaskets offers optimal tightness and resistance to chemicals. It has excellent tolerance against oils and hydrocarbons, heat resistance up to 200°C; good electrical insulation properties; very low friction coefficient and non stick properties; and good resistance to UV rays, making it suitable for outdoor use.



KTN 721 | DIMENSIONS AND PRESSURE / TEMP RATING

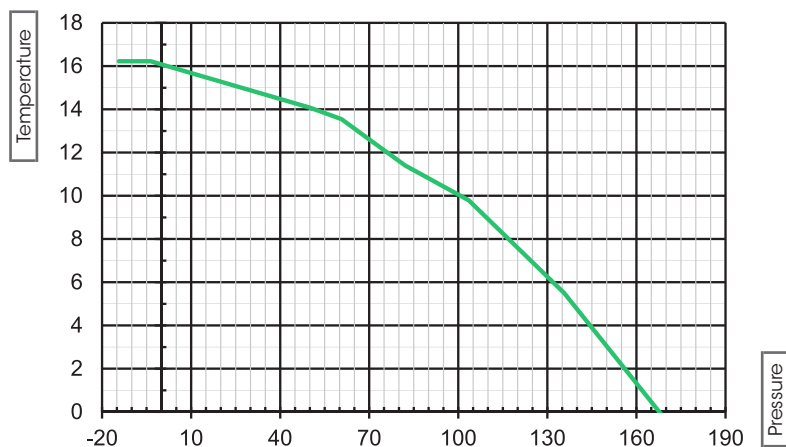
CAST STAINLESS STEEL BODY DIN FLANGED SIGHTGLASS



OUTLINE DIMENSIONS

DN	"	L	A	B	C	b	f	Weight (Kg)
15	1/2"	130	95	65	45	14	2	2.2
20	3/4"	150	105	75	55	14	2	3
25	1"	160	115	85	65	14	2	3.4
32	1 1/4"	180	135	100	78	16	2	5.2
40	1 1/2"	200	145	110	85	16	2	5.8
50	2"	230	165	125	102	18	2	8
65	2 1/2"	290	185	145	122	18	2	12.9
80	3"	310	200	160	138	20	2	14.4
100	4"	350	220	180	158	20	2	18.5

PRESSURE /
TEMPERATURE
RATING



KTN 721 | PARTS & MATERIALS

CAST STAINLESS STEEL BODY DIN FLANGED SIGHTGLASS

