

Design acc. : EN 12516

Face to face : EN558-1 G1 for DN15-DN100

EN558-1 G3 for DN125 and larger

Flange end : EN1092-1

Test acc. : EN12266-1

Temperature range : -50°C ~ +280°C

Body : 1.0619N /1.4408

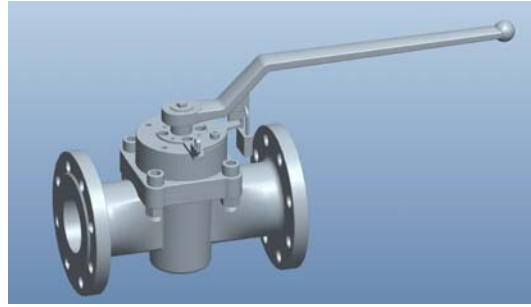


Fig.901

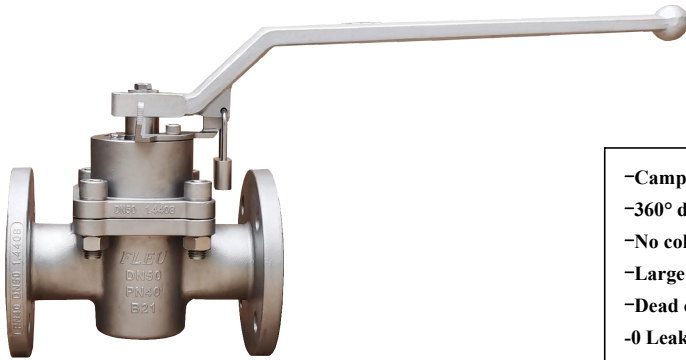


FIG.	Pressure	Material	Range
133.901	PN16	1.0619N	DN15-DN600
135.901	PN40	1.0619N	DN15-DN600
153.901	PN16	1.4408	DN15-DN600
155.901	PN40	1.4408	DN15-DN600

- Camprofiled body cover joint gasket
- 360° degree port lip design to ensure sleeve containment
- No cold-flow, deformation, or rotation of the sleeve
- Large shut-off area to assure long-lasting in-line sealing
- Dead cavity free
- 0 Leakage after 100000 cycle
- FLEU 5S sealing system
- Mounting-flange for actuators acc. to ISO 5211
- ASME version available

Technical Details

Body Materials	Carbon Steel 1.0619N, ASTM A216 WCB, 1.1138, ASTM A352 LCC/LCB Stainless Steel 1.4408, ASTM A351 CF8M, 1.4308, ASTM A351 CF8
Size range	DN15-DN600 /1/2"-24"
Pressure range	PN10-PN40 /150lbs-300lbs
Temperature range	-50°C up to +280°C
Connection	Flanged End, Weld End
Options	Different sleeve and packing materials, Firesafe, Actuation, Full and reduced port
Certificates	ISO15848-1(BH CO3 200°C SSA 0), TA-Luft/VDI 2440, DGRL 2014/68/EU, AD 2000, API607

FLEU 5S stem seal System

1. Primary Seal to Atmosphere

360° port lips and high pressure ribs ensure the seat seal and primary seal to atmosphere. Plug is adjustable.

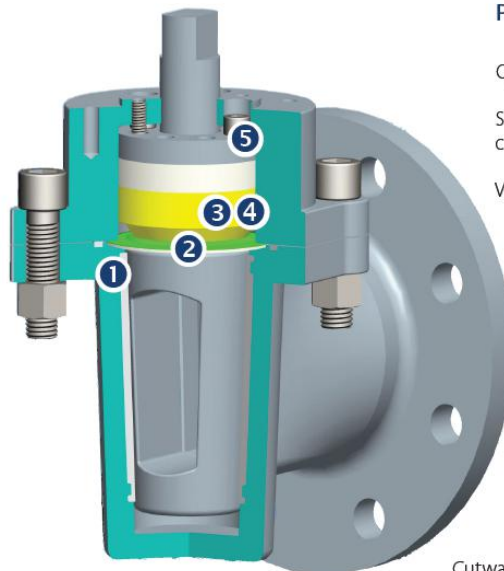
2. Secondary Seal to Atmosphere

Enabled wedge ring and plastic diaphragm design ensuring 2. protection to stem seal and body cover joint.

5. Packing adjustable if necessary

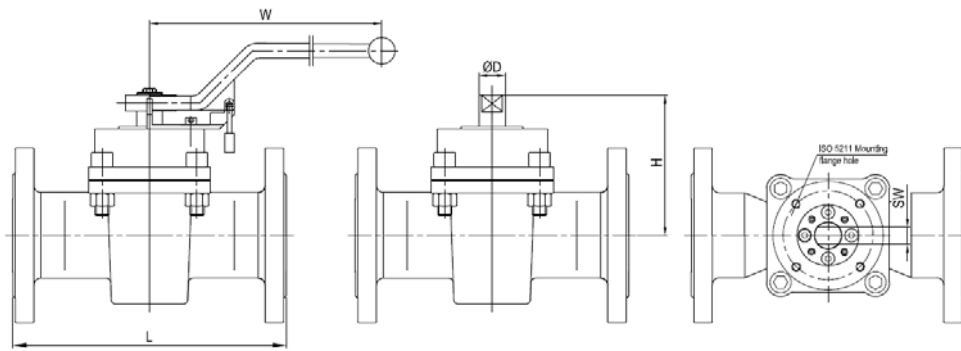
**3. and 4. seal to atmosphere
Patented live-loaded stem system**

Optimizes sealing integrity to Atmosphere
Stem packing depending on operating conditions.
Various packing as PTFE PFA, Viton, Graphite

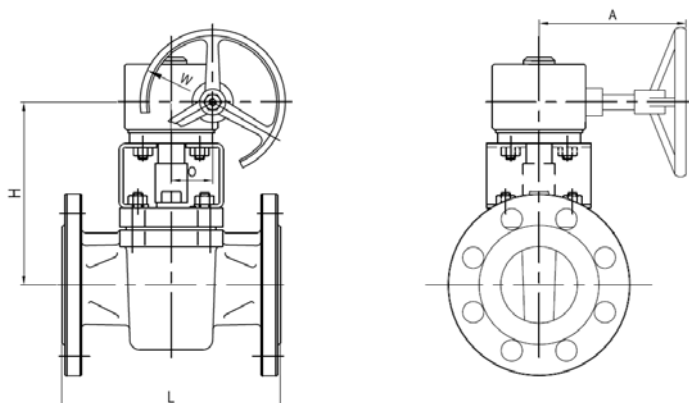


Cutway view on 5S

Dimension list



16/40	100	350	520	170	F10	36	22	30
	80	310	460	161	F10	30	19	23.5
	50	230	460	147	F07	30	19	13
	40	200	370	135	F07	24	14	8.5
	25	160	270	122	F05	18	11	4.5
	20	150	200	105	F05	16	11	4
	15	130	200	105	F05	16	11	3.5
PN(Class)	DN(Size)	L	W	H	DIN EN ISO 5211	Stem end		Weight(Kg)



PN16-25	600	1067	500	1020	180	520	F30	625
	500	914	500	910	180	520	F30	405
	450	864	500	820	180	520	F30	320
	400	762	500	675	137.5	465	F25	255
	350	686	500	610	137.5	465	F25	185
	300	610	500	535	117.5	465	F16	125
	250	533	400	475	117.5	465	F16	88
	200	457	350	385	96.5	350	F16	65
	150	267	320	365	84	290	F12	48
PN40	125	356	250	265	84	290	F12	22.5
	350	762	500	610	137.5	465	F25	325
	300	502	500	535	117.5	465	F16	305
	250	457	400	475	117.5	465	F16	195
	200	419	350	385	96.5	350	F16	115
	150	267	320	365	84	290	F12	52
PN(Class)	DN(Size)	L	W	H	O	A	DIN EN ISO 5211	Weight(Kg)