

## Certification/Approval

Satisfies requirements of the major certification/approval bodies such as:

- Lloyd's Register of Shipping (LR)
- American Bureau of Shipping (ABS)
- Nippon Kaiji Kyokai (NK)
- Bureau Veritas (BV)
- Korean Register of Shipping (KR)

## Standard Specifications

Type	704G	722F	720F
	Lugged type		Flanged type
Valve nominal size	50mm to 100mm ※1	125mm to 800mm	850mm to 1350mm
Applicable flange standard ※2	JIS 10K, (JIS 5K, ANSI 125/150, BS 4504 PN10)		
Max. working pressure	1.0MPa		
Body shell test	1.5MPa		
Seat leak test	1.1MPa		
Working temperature range	NBR : -10 to 80 degrees C, *EPDM : -20 to 120 degrees C		
Working temperature in continuous use ※3	NBR : 0 to 60 degrees C, *EPDM : 0 to 70 degrees C		
Standard materials ※4	Body	Cast steel, SCPH2	
	Disc	SCS 14 (316SS)	SCS 13 (304SS)
	Stem	SUS 420J2	SUS 403
	Seat ring ※5	NBR, *EPDM	
Coating	Lacquer primer (Munsell N7)		

※1 Available up to 600mm.

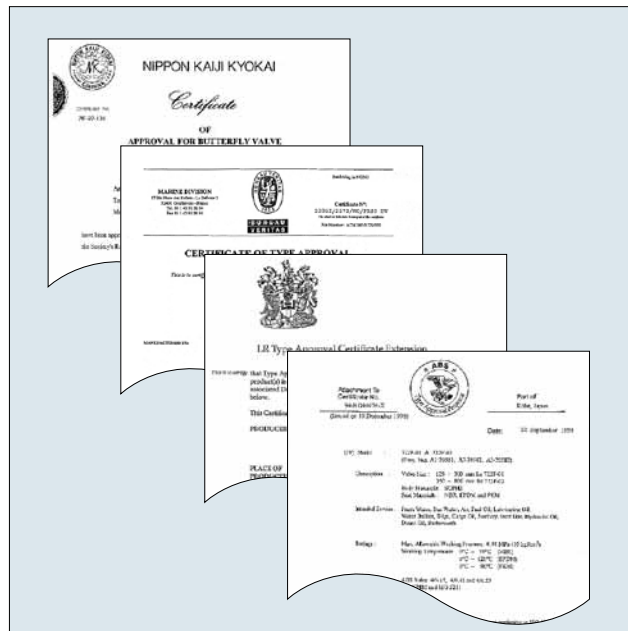
※2 Semi-standard. Consult us.

※3 'Working temperature in continuous use' stands for the temperature continuously kept exceeding one hour.

※4 Other materials, such as ductile iron body, aluminium bronze disc, etc, are also available. Consult us.

※5 Seating on 1000mm types and above are vulcanized to the body.

\* Never use an EPDM rubber seat ring if the valve is being used for oil or for a fluid containing even a slight amount of oil.



Butterfly Valve
TRITEC
TT2
334A
302A/303Q
304A/304Q
302Y/304Y
304M (HLV)
507V/508V
DTM
846T/847T/847Q
841T/842T
700Z
700G/704G/705G
700GB
731P/732P/732Q/752W
71LG
700E/700K/700S
704G/722F/720F
KRV
227P
907H/908H (MKT)
903C

# 704G (Lugged) / 722F (Double Flanged) / 720F (Double Flanged)

Worm Gear Type 704G-2U (50mm to 100mm) / 722F-2U (125mm to 600mm) / 722F-2S (650mm to 800mm) / 720F-2S (850mm to 1350mm)

## 704G-2U (50mm to 100mm)

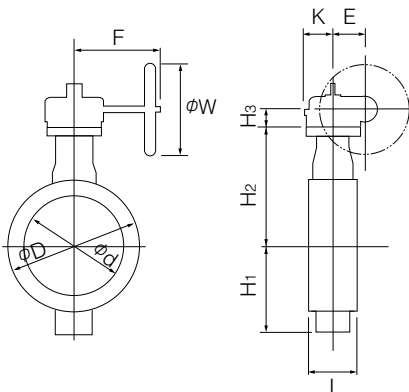
Type	Nominal size		Dimension (mm)										Gear type	Approx. Weight (kg)
	mm	inch	$\phi d$	$\phi D$	L	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	E	K	F	$\phi W$		
704G	50	2	56	155	43	67	138	29.5	36	46	160	100	2U-0	5.7
	65	2 1/2	69	175	46	78	151	29.5	36	46	160	100	2U-0	6.7
	80	3	84	187	46	85 (109)	156	29.5	36	46	160	100	2U-1	7.3(7.8)
	100	4	104	220	52	117	167	29.5	36	46	160	100	2U-1	10

Remark: Value in brackets is for JIS 10K flanges.

## 722F-2U (125mm to 600mm) / 722F-2S (650mm to 800mm) / 720F-2S (850mm to 1350mm)

Type	Nominal size		Dimension (mm)										Gear type	Approx. Weight (kg)
	mm	inch	$\phi d$	$\phi D$	L	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	E	K	F	$\phi W$		
722F	125	5	129	250	100	139	165	34.5	44	53	173.5	160	2U-2	22.2
	150	6	154	280	100	157	180	34.5	44	53	173.5	160	2U-2	23.2
	200	8	194	330	100	181	210	41.5	67	75	198	200	2U-3	45
	250	10	250	400	110	221	250	41.5	67	75	198	200	2U-3	51
	300	12	296	445	110	251	280	48	87.5	90	222.5	200	2U-4	66
	350	14	334	490	120	298	320	50	90	105	266	280	2U-5	84
	400	16	384	560	130	334	360	50	90	105	266	280	2U-5	107
	450	18	435	620	150	356	390	50	90	105	266	280	2U-5	146
	500	20	482	675	160	382	420	50	90	105	266	280	2U-5	196
	550	22	531	745	170	418	460	61	113	140	352	400	2U-6	256
	600	24	581	795	170	476	490	61	113	140	352	400	2U-6	301
	650	26	627	845	170	586	510	65	140	198	400	450	MGH-4	463
	700	28	670	905	180	629	560	75	185	267	457	500	MGH-4 1/2	692
	750	30	723	970	190	659	590	75	185	267	457	500	MGH-4 1/2	782
	800	32	772	1020	200	679	620	75	185	267	457	500	MGH-4 1/2	907
720F	850	34	822	1070	210	709	650	100	210	293	490	500	MGH-5	1050
	900	36	858	1120	230	759	685	100	210	293	490	500	MGH-5	1150
	1000	40	975	1235	250	819	745	100	210	293	490	500	MGH-6	1384
	1100	44	1070	1345	280	874	820	100	210	293	490	500	MGH-6	1584
	1200	48	1168	1465	300	949	880	100	210	293	490	500	MGH-6	1984
	1350	54	1314	1630	330	1030	960	151	280	293	675	600	MGH-7	2330

## 704G / 722F / 720F-2U / 2S



## 2U / 2S Installation Direction

