

# Standard Specifications

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	Pressure (MPa)	Temperature (°C)										Valve Nominal size (mm)	Standard Materials			Approvals / Compliances
		-196	-100	※1 -46	0	100	200	300	400	500	600	700	Body	Disc	Seat	
The Ultimate Process Valves	Tritec 25.5	-196										700	C.S. S.S.	C.S. S.S.	S.S.+GRAPHITE	FS CE
	TT2 5.1			-29								600	C.S. S.S.	C.S. S.S.	S.S.+GRAPHITE	FS CE NK ABS
High Performance Butterfly Valves	334A 5.1			-29							232	50, 80 to 600	C.S. S.S.	S.S.	RPTFE	FS
	344Q 2.0			-29							232	80 to 600	Ni-Al-Br.	Ni-Al-Br.	RPTFE	FS
	302A 2.0			-29							600	80 to 600	C.S. S.S.	S.S.	S.S.	FS CE NK ABS
	303Q 2.0			-29							600	80 to 600	C.S. S.S.	S.S.	S.S.	FS CE
	304A 2.0			-29							232	80 to 600	C.S. S.S.	S.S.	RPTFE	CE NK ABS
	304Q 2.0			-29							232	80 to 600	C.S. S.S.	S.S.	RPTFE	CE
	304YA 1.0			-29							200	40 to 300	D.I. S.S.	S.S.	RPTFE	NK
	302Y 2.0			-20							250	40 to 300	D.I. S.S.	S.S.	S.S.	CE NK ABS
	304Y 2.0			-20							200	40 to 300	D.I. S.S.	S.S.	RPTFE	CE NK ABS
	304M (HLV) 0.7			-30							230	650 to 1000	C.S. S.S.	C.S. S.S.	RPTFE	
Rotary Control Valves	507V 1.6			-50							400	50 to 400	C.S. S.S.	S.S.	—	
	508V 1.6			-20							120	50 to 200	D.I.	S.S.	EPDM <sup>※2</sup> (OPTION: NBR CORE-Reinforced)	
	1.0			-20							120	250 to 600	D.I.	S.S.	EPDM <sup>※2</sup> (OPTION: NBR CORE-Reinforced)	
	DTM 5.1			-29							400	80 to 300	C.S. S.S.	S.S.	RPTFE S.S. <sup>※3</sup>	
Chemically Resistant Butterfly Valves	846T 1.0			-20							200	65 to 300	D.I.	S.S. PPS	PFA PTFE	CE
	847T / 847Q 1.0			-20							200	50 to 300	D.I.	PFA PTFE	PFA PTFE	CE
	841T 0.7			-10							100	350 to 600	D.I.	S.S.	PTFE	
	842T 0.7			-10							100	350 to 600	D.I.	PTFE	PTFE	CE
Rubber Seated Valves	700Z 1.0			-20							120	40 to 300	ALLOY DIE-CAST	S.S. PPS (40~200mm)	EPDM <sup>※2</sup>	JIS
	700G 1.0			-20							120	40 to 600	D.I. (40~300mm) C.I. (350~600mm)	S.S. D.I. (80~300mm) PPS (40~200mm)	NBR EPDM <sup>※2</sup>	JIS NK
	704G 1.0 Full Lugged			-20							120	50 to 600	D.I.	S.S. D.I.	NBR EPDM <sup>※2</sup>	JIS CE NK LR ABS
	705G 1.0			-20							120	50 to 600	D.I. (40~300mm) C.I. (350~600mm)	S.S. D.I. PPS (50~200mm)	NBR EPDM <sup>※2</sup>	JIS CE NK LR ABS
	72WG / 72SG / 72LG 1.6			-20							120	40 to 600	D.I.	S.S.	NBR EPDM <sup>※2</sup>	
	731P 1.6			-20							120	50 to 600	D.I.	S.S.	NBR EPDM <sup>※2</sup>	JIS CE
	732P 2.0			-20							120	50 to 600	D.I.	S.S.	NBR EPDM <sup>※2</sup>	CE
	731R 1.6			-20							120	350 to 600	D.I.	S.S.	EPDM <sup>※2</sup>	JIS
	700E 1.0			-20							120	650 to 1350	C.I.	D.I. (HARD CHROME PLATING) S.S.	NBR EPDM <sup>※2</sup>	NK
	700K 1.0			-20							120	650 to 1350	C.I. D.I. C.S.	D.I. (HARD CHROME PLATING) S.S.	NBR EPDM <sup>※2</sup>	NK
	700S 1.0			-20							120	650 to 900	C.I. D.I. C.S.	D.I. (HARD CHROME PLATING) S.S.	NBR EPDM <sup>※2</sup>	NK
	722F 1.0			-20							120	125 to 800	C.S. (OPTION : D.I.)	S.S. D.I.	NBR EPDM <sup>※2</sup>	NK LR ABS
	720F 1.0			-20							120	850 to 1350	C.S. (OPTION : D.I.)	S.S. D.I.	NBR EPDM <sup>※2</sup>	NK ABS
	227P 1.6			-20							120	650 to 2400	D.I. C.S.	S.S. AlBr	NBR EPDM <sup>※2</sup>	
Check Valves	907T / 908H 1.0			-20							120	50 to 300	D.I. S.S.	S.S.	NBR EPDM <sup>※2</sup>	
	907L 1.0			-20							100	50 to 300	C.I.	S.S.	NBR EPDM <sup>※2</sup>	NK
	903L 1.0			-20							100	50 to 300	C.I.	S.S.	NBR EPDM <sup>※2</sup> (OPTION: EPDM FKM <sup>※4</sup> )	NK
	901C 3.0			-20							100	350 to 450	C.I.	AlBr	NBR EPDM <sup>※2</sup> (OPTION: EPDM FKM <sup>※4</sup> )	NK
	905C			-5							100	50 to 400	C.S.	S.S.	EPDM	

■Remarks: JIS JIS B 2032 FS Fire Safe Approvals (API607 4th Edition) CE CE Marking NK Nippon Kaiji Kyokai (NK) LR Lloyd's Register of Shipping ABS American Bureau of Shipping

※Please contact us if needed any detailed information.

※1 -46°C service for Tritac is available with suitable material.  
Please consult our sales for the service condition lower than -46°C.  
※2 EPDM/NBR: If the fluid contains chlorine, the seat ring could be corroded early by combined factors such as concentration and temperature. For further information please contact our sales staff. In case of chlorine-containing fluid, 846T or 847T (containing fluorine resin) is recommended depending on combined factors such as concentration.  
※3 In case of RPTFE, maximum operating temperature should not exceed 230°C.  
※4 Approvals and compliances are not obtained depending on the material and nominal size. If any approval or compliances is required, please consult sales staff. JIS B 2032 is a reference standard for the design and quality of wafer type rubber seat butterfly valves.