Usable medium for reference

Usable medium

Series		2W. 2KW series	2S. 2KS series	2L. 2KL series
Valve body meterial		Brass	SUS304	SUS304
Seal meterial		FPM–F	FPM–F	PTFE
Medium	Dry air	◎	◎	○
	Carbon dioxide CO_2	◎	◎	△
	Nitrogen	◎	◎	△
	Argon	◎	◎	△
	Water	◎	◎	◎
	Pure water	△	◎	◎
	Saturated vapor	△	△	◎
	High temp water(≤150℃)	△	△	◎
	ISO VG32 oil	◎	◎	◎
	JIS#1 oil	◎	◎	◎
	JIS#2 oil	◎	◎	◎
	Methanol*	△	△	◎
	Eethanol*	○	○	◎
	Glycol *	◎	◎	◎
	Acetone*	△	△	◎
	Propylene butyronitrile*	△	△	△
	Acetylene*	△	△	△
	Acetaldehyde*	△	△	◎
	Ammonia	△	△	△
	Ammonia water	△	△	△
	Isopropanol	◎	◎	◎
	Alcohol(High purity)*	◎	◎	◎
	Alcohol(Industrial)*	△	△	△
	Aether*	△	△	◎
	Ammonia chioride solution	△	△	△
	Ozone(low concentration)	△	△	◎
	Phosphoric acid	△	△	△

Series		2W. 2KW series	2S. 2KS series	2L. 2KL series
Valve body meterial		Brass	SUS304	SUS304
Seal meterial		FPM–F	FPM–F	PTFE
Medium	Hydrogen peroxide	△	△	△
	Caustic soda	△	△	△
	Gasoline*	○	○	◎
	Glycerin*	△	△	△
	Light oil	◎	◎	◎
	Oxygen	◎	◎	△
	Heavy oil A	◎	◎	◎
	Heavy oil B	◎	◎	◎
	Heavy oil C	◎	◎	◎
	Nitric acid 30%	△	△	△
	Vacuum (medium vacuum)	◎	◎	△
	Vacuum(high vacuum)	△	△	△
	Sodium hydroxide under 30%	△	△	△
	Sodium hydoxide above 30%	△	△	△
	Hydrogen	◎	◎	△
	Soap	△	△	◎
	Azote	◎	◎	△
	Natural gas*	◎	◎	△
	Pipeline gas*	◎	◎	△
	Toluene*	△	△	◎
	Ligroine*	△	△	◎
	Boracic acid	△	△	△
	Formalin	△	△	△
	Methane*	◎	◎	△
	Lacquer *	△	△	◎
	Ammonium sulfate solution	△	△	△
	Copper sulfate solution	△	△	△

1 Note: ◎= Excellent(nearly without affect); ○= Good(workable thought some affect); △= Poor(large affect).

2 Note: "*" means inflamanable and explosive dangerous fluid. Please use the relative explosion proof coil.

3 Note: Under ther corresponding gaseous state medium, PTFE seal is with a little leakage(≤300mL/min).

4 Note: Please consult the technical department before using fluid that has not been shown in the above table.