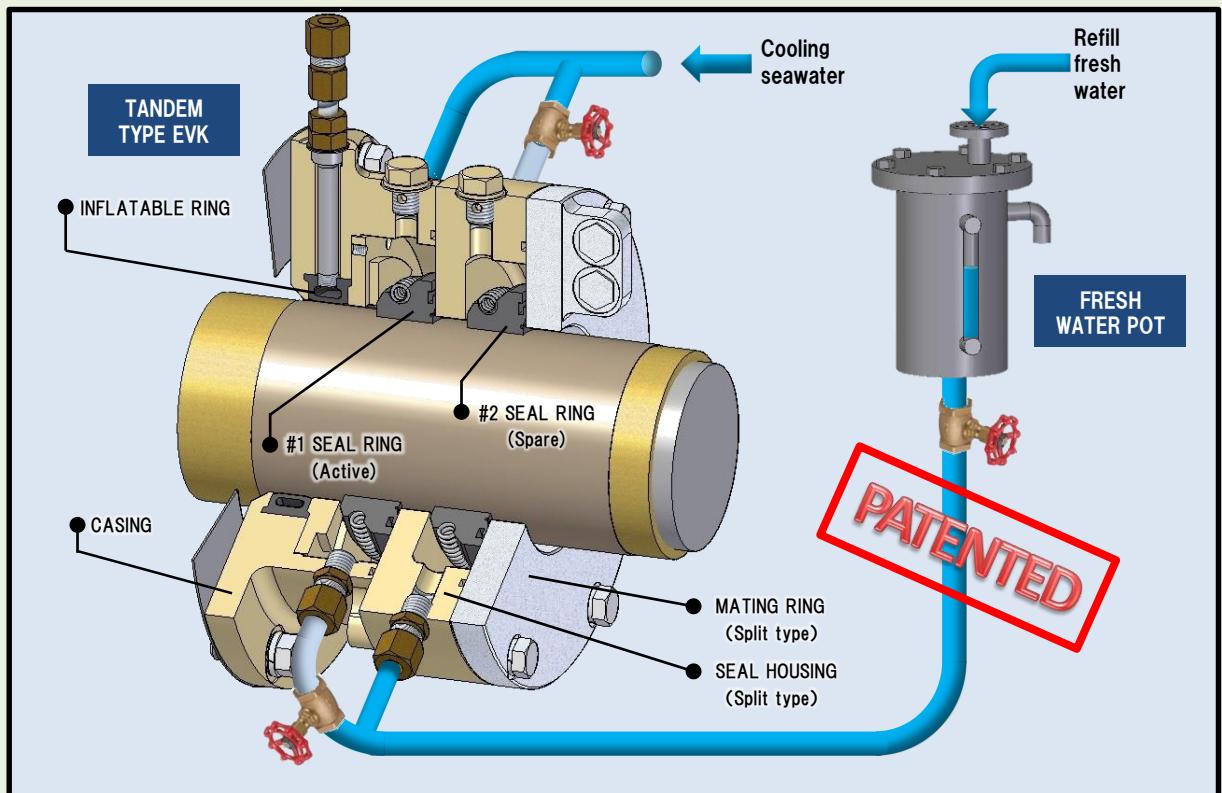


Spare ring is easily activated without disassembling.



Features

Specification

● Improved wear resistance

The active #1 seal ring is always lubricated by self-controlled clean fresh water. This results in the significant reduction in wear of the mating ring, the seal housing and the seal ring.

● Built in spare seal ring

The spare #2 seal ring is incorporated in the seal housing as a spare. The #2 seal stands by in an idle condition under normal operation and is cooled, lubricated & protected by fresh water.

● Improved operability

The active seal ring is easily changed from #1 to #2 spare seal by operation of valves. The #2 spare ring is activated without disassembling the seal unit should #1 seal ring shows increasing leakage.

● Easy upgrade form existing EVK

By replacing the seal housing, it may be possible to convert an existing EVK seal to a Tandem type.

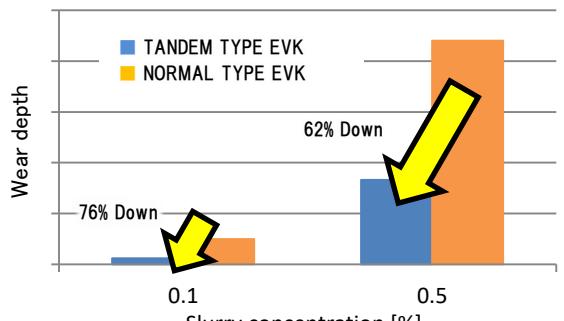
● Shaft diameter range

$\phi 101 \sim \phi 500$ (mm)

● PV (Pressure-Velocity) Value

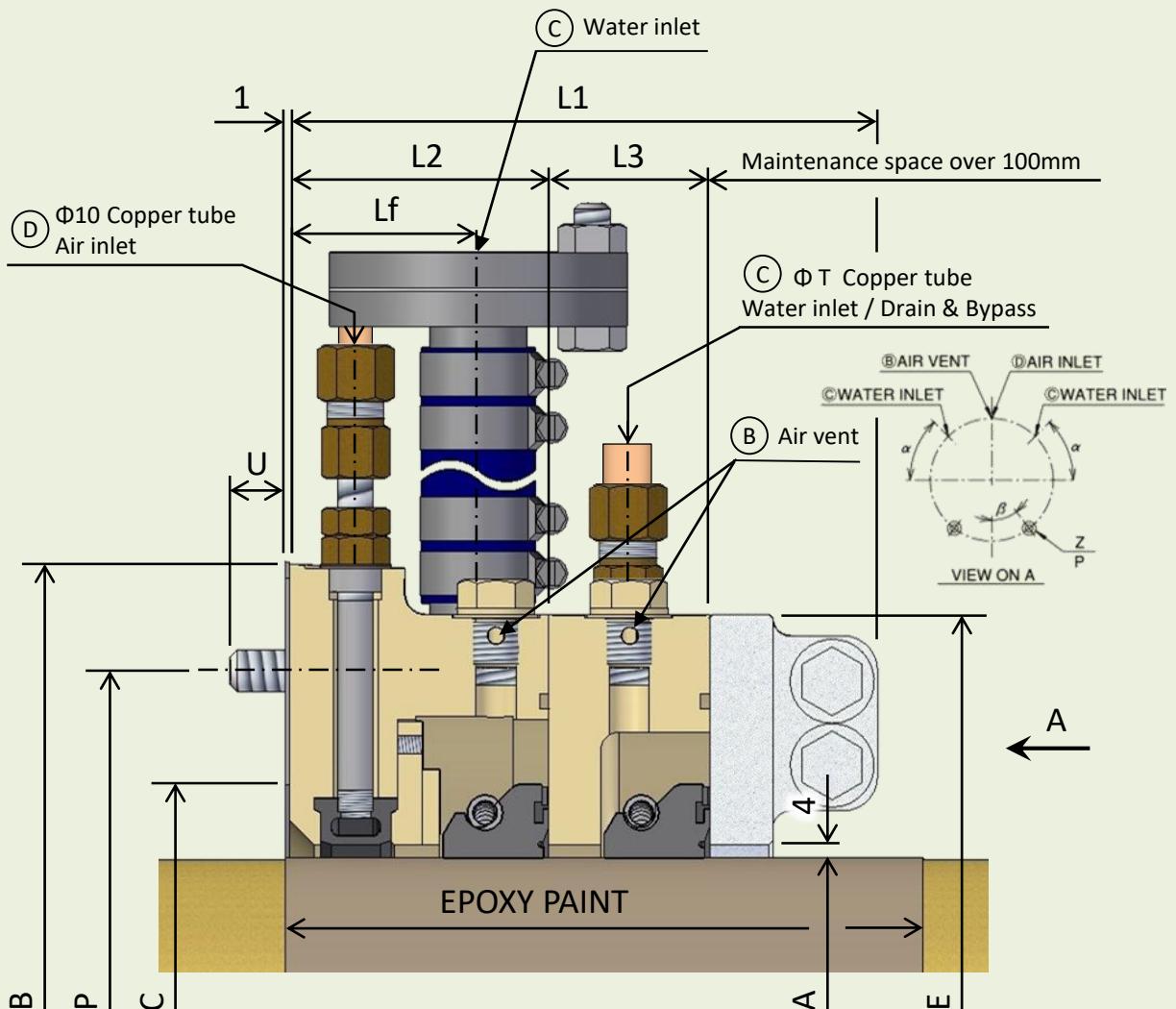
Max. 0.6 (MPa · m/s)

(Water pressure in casing : Max. 0.15 MPa)



Comparison of wear depth of mating ring

■ Standard Dimension



Size	Sleeve dia. A	B	P	C	E	L1	L2	L3	Lf	T	Z	U	α	β	Mass (kg)
110	101 ~ 120	270	240	148	240	167	74	45	54	$\phi 12$	6xM12x35	16	30°	30°	32
130	121 ~ 140	290	260	168	260	167	74	45	54	$\phi 12$	6xM12x35	16	30°	30°	35
150	141 ~ 160	310	280	188	280	167	74	45	54	$\phi 12$	8xM12x35	16	45°	22.5°	39
170	161 ~ 180	330	300	208	300	167	74	45	54	$\phi 12$	8xM12x35	16	45°	22.5°	42
190	181 ~ 200	350	320	228	320	167	74	45	54	$\phi 12$	8xM12x35	16	45°	22.5°	45
210	201 ~ 220	385	350	248	345	167	74	45	51	$\phi 15$	6xM16x40	20	40°	30°	52
230	221 ~ 240	405	370	271	375	190	91	51	68	$\phi 15$	6xM16x40	20	40°	30°	64
250	241 ~ 260	425	390	291	395	190	91	51	68	$\phi 15$	6xM16x40	20	40°	30°	68
270	261 ~ 280	445	410	311	415	190	91	51	68	$\phi 15$	8xM16x40	20	45°	22.5°	73
290	281 ~ 300	465	430	331	435	190	91	51	68	$\phi 15$	8xM16x40	20	45°	22.5°	78
310	301 ~ 320	485	450	351	455	190	91	51	68	$\phi 15$	8xM16x40	20	45°	22.5°	82
330	321 ~ 340	520	480	371	475	192	93	51	70	$\phi 15$	8xM20x50	26	45°	22.5°	92
350	341 ~ 360	540	500	391	495	192	93	51	70	$\phi 15$	8xM20x50	26	45°	22.5°	95
370	361 ~ 380	560	520	411	515	192	93	51	70	$\phi 15$	8xM20x50	26	45°	22.5°	100
390	381 ~ 400	580	540	431	535	192	93	51	70	$\phi 15$	8xM20x50	26	45°	22.5°	104
410	401~420	640	580	515	580	222	106	55	72	$\phi 15$	8xM24x60	31	45°	22.5°	148
430	421~440	660	600	535	600	222	106	55	72	$\phi 15$	8xM24x60	31	45°	22.5°	158
450	441~460	680	620	555	620	222	106	55	72	$\phi 15$	8xM24x60	31	45°	22.5°	168
470	461~480	700	640	575	640	222	106	55	72	$\phi 15$	8xM24x60	31	45°	22.5°	178
490	481~500	720	660	595	660	222	106	55	72	$\phi 15$	8xM24x60	31	45°	22.5°	186

※ Refer to EVK2RV catalog for other dimensions.

※ Mating flange and connecting tube fitting attached to sealing device.

※ Longer bolts can be supplied upon request when the bearing flange is fixed between the stern tube and the EVK seal.