

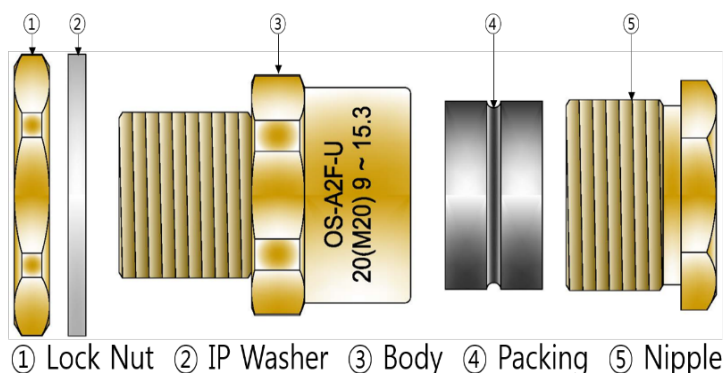
## Installation Manual for OSCG Cable gland type OS-A2F-U

### Application(Cable Gland for Non Armoured Cable)

- IECEx DNV 23.0022X
- DNV 23 ATEX 60022X
- KCs 18-KA2BO-0364~7X
- II2G Ex db IIC Gb
- II2G Ex eb IIC Gb
- II2D Ex tb IIIC Db
- O.T -60°C~110°C
- IP 66 / 67 ( IP 68 available when requested only )

### Preparation material

☞ vernier calipers, spanner 2ea, cutter, cable cutter



① Lock Nut ② IP Washer ③ Body ④ Packing ⑤ Nipple

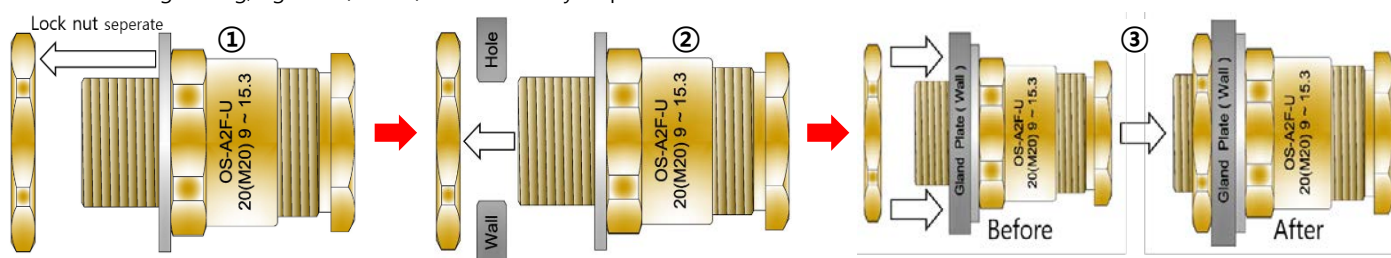
### Installation Order

#### 1. Separate Lock Nut(①),

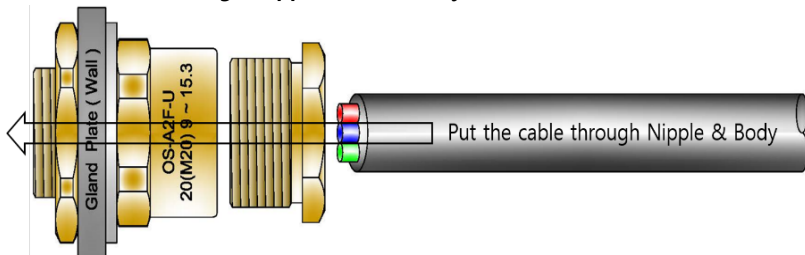
#### 2. Put the Body(③) through the cable entry

#### 3. Fix Body(③) and Tighten lock nut(①) by spanner for IP.

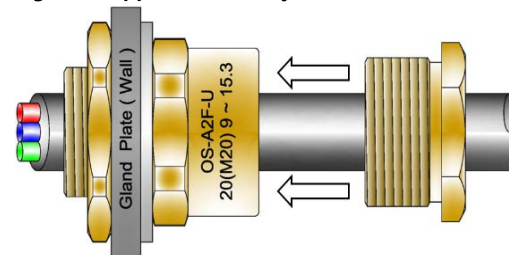
※ After hand-tightening, tighten 1/4 to 1/2 turn more by a spanner.



#### 4. Put the Cable through Nipple(⑤) and Body(③).



#### 5. Tighten Nipple(⑤) to Body(③).



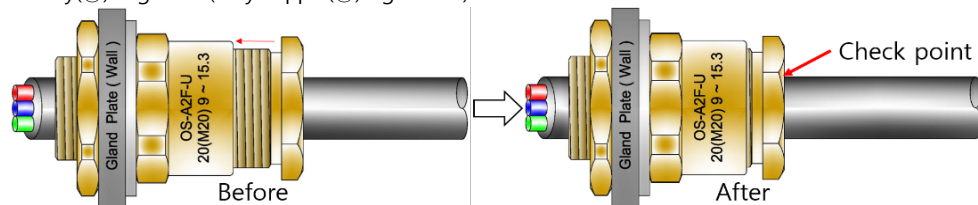
#### 6. Assemble all gland components and Check out the tightening condition of Nipple(⑤)

※ Make sure not to tighten Nipple(⑤) and body(③) together (only Nipple(⑤) tightened)

※ Tighten the Nipple(⑤) by hand first,

1 to 1.5 turn more by a spanner until there is no gap between the Packing(④) of the Body(③). (Ensure the check point)

※ Be careful of turn the cable and Body(③) with Nipple(⑤) together.



### Torque table

(※ The table below is from mandrels used, and may vary when a cable is used)

Size	16	16X	20	25	32	40	50	63	63X	75	75X	90	100	115	
Thread Type	Metric	M16x1.5	M16x1.5	M20x1.5	M25x1.5	M32x1.5	M40x1.5	M50x1.5	M63x1.5	M63x1.5	M75x1.5 or 2.0	M75x1.5 or 2.0	M90x1.5 or 2.0	M100x1.5 or 2.0	M115x1.5 or 2.0
	NPT	NPT 1/2"	NPT 1/2"	NPT 1/2"	NPT 3/4"	NPT 1"	NPT 1-1/4"	NPT 1-1/2"	NPT 2"	NPT 2"	NPT 2-1/2"	NPT 2-1/2"	NPT 3"	NPT 3-1/2"	NPT 4"
Body - Nipple(Brass)	5	6	9.4	9.4	11	25	36	62	63	90	70	80	90	104	
Body - Nipple(Al)	4	5	7	8	10	20	28	55	60	82	70	95	120	135	
Lock nut-Body	20	20	20	25	25	30	35	35	35	40	40	45	50	50	