

# 물 품 규 격 서

## COMMODITY DESCRIPTION

1. 품명	HPU UNIT		
2. 수량	1 SET	3. 작성일	2020. 03 16
<b>4. 세부사양 (Specifications)</b>			
<p>HPU System 제작사 : Fluen  규격 : 3cc/Rev &amp; 3KW 440V 60Hz  하자 보증기간 : 인도후 1년.  Accumulator는 TUV CE cert 기준 공급 입니다.  Electric fail 시 3초이내 valve close 적용  Electric open/close solenoid valve 1식  Emc'y close valve 2식 적용  Electric fail 시 manual pump 작동  HPU는 pressure sensor에 의해 Auto start/stop 작동  Moving 중 position holding 가능하여야 합니다.</p> <ol style="list-style-type: none"> <li>1. Frame &amp; Tank &amp; Skid steel with painting : 1ea</li> <li>2. EL-motor 440V/60Hz 1.75KW B5 : 1ea</li> <li>3. Bell Housing : 1ea</li> <li>4. Gear pump 3cc/rev : 1ea</li> <li>5. Flexible coupling : 1ea</li> <li>6. flange connector/bolts for pump suction&amp;discharge : 2ea</li> <li>7. FLUEND-Manifold block : 1ea</li> <li>8. Pressure Relief valve : 1ea</li> <li>9. Check valve for pump discharge-cracking 0.3bar : 1ea</li> <li>10. By pass valve : 1ea</li> <li>11. Pressure switch and visual gauge : 1ea</li> <li>12. Pressure switch : 1ea</li> <li>13. Stop valve for gauge : 1ea</li> <li>14. Control block : 1ea</li> <li>15. Pilot check valve : 2ea</li> <li>16. Double pilot check valve : 2ea</li> <li>17. Isolation solenoid valve for A,B and fail close : 4ea</li> <li>18. Pressure Relief valve for A,B : 2ea</li> <li>19. Isolation valve for handpump : 2ea</li> <li>20. A,B flow control valve : 2ea</li> <li>21. Return filter : 1ea</li> <li>22. Pressure filter with Electric &amp; visual indicator : 1ea</li> <li>23. Air breather : 1ea</li> <li>24. Accumulator 10 liter without Certificate : 1ea</li> <li>25. Clamp band : 1ea</li> <li>26. Cushin ring : 1ea</li> <li>27. Pressure switch for N2 : 1ea</li> <li>28. N2 relief valve : 1ea</li> <li>29. Isolation valve for N2 : 2ea</li> <li>30. Stop valve for accumulator : 1ea</li> </ol>			

- 31. Drain valve for Oil Tank : 1ea
- 32. Level Gauge : 1ea
- 33. Level Switch : 1ea
- 34. Fitting and tube & nameplate 기타 잡자재 : 1식
- 35. Electric pannel : 1ea

**Remarks**

# 물 품 규 격 서

## COMMODITY DESCRIPTION

1. 품명	HOV (Actuator & Valve)		
2. 수량	1 SET	3. 작성일	2020. 03 16
<b>4. 세부사양 (Specifications)</b>			
<p>HOV Actuator 제작사 : Fluen            Actuator Model : Fluen (Order Made)            HOV Valve 제작사 : SVC            Valve Model : SV220C            하자 보증기간 : 인도후 1년.            Electric fail 시 3초이내 valve close 적용            Moving 중 position holding 가능하여야 합니다.            Valve Stem에 Stem Sensor 설치 가능토록 설계</p> <p>3" Angle Valve &amp; Actuator            Pipe Inlet : 3"            Pipe outlet : 3"            Type : Angle valve ASME 150#            Flow Direction : Under Flow            Trim Size : 3in            Rated Cv. : 110            Trim Char : Quick Open            Plug Type : Balanced            Actuator Type : Electro Hydraulic            Failute Mode : Valve Close            Supply Type : Compressed Oil            Manual Override : Yes            Shut-off Pressure : 15 kg/cm2</p>			
<b>Remarks</b>			