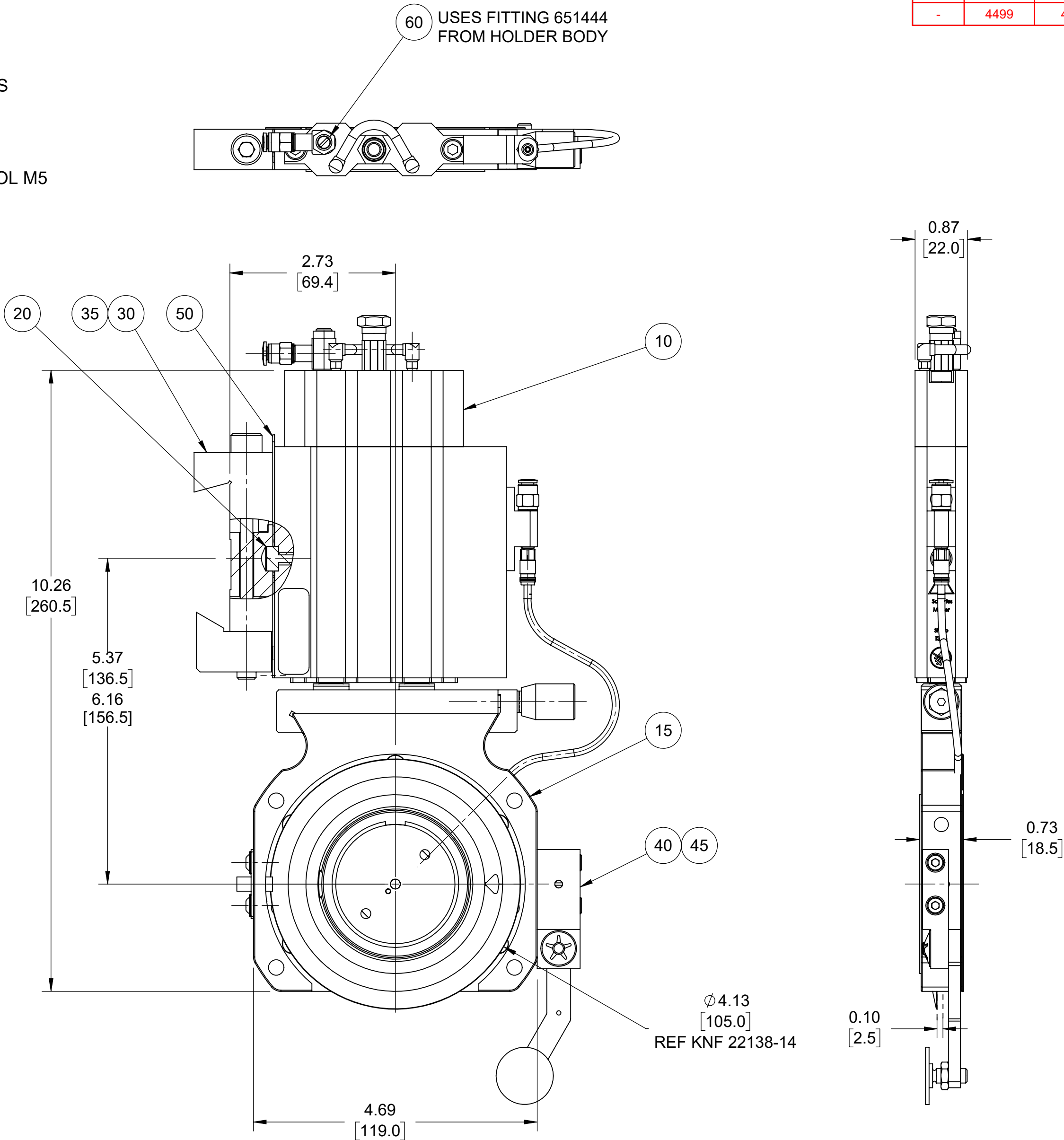
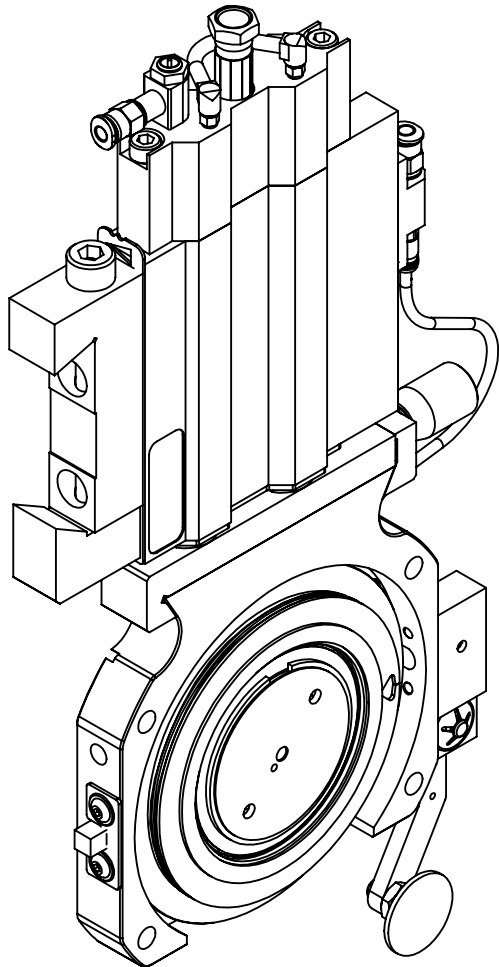


|      |               |      |    |                              |
|------|---------------|------|----|------------------------------|
| 0010 | 245AA03002001 | 1.00 | EA | BODY,HLDR (LOW) DF19         |
| 0015 | 245A973006001 | 1.00 | EA | ASSY,HEAD,DF19 (DISH)        |
| 0020 | 234E020120010 | 1.00 | EA | STUD,THD, M8XXØ12X14 OAL     |
| 0030 | 415865        | 1.00 | EA | ASSY,ADPT,DTL,DF19 P3105,M   |
| 0035 | 617220        | 2.00 | EA | SCR,CAP,LO SOC HD,M6X12 FS   |
| 0040 | 245A964002001 | 1.00 | EA | ES-TAB, DF19 LH              |
| 0045 | 613516        | 2.00 | EA | SCR,CAP,SOC HD,M4X20 FS      |
| 0050 | 245D110715020 | 1.00 | EA | PLATE,ANGLE 30',CANT,DF19    |
| 0060 | 650931        | 1.00 | EA | VALVE,SUPPLY FLOW CONTROL M5 |

| REVISIONS |      |           |          |
|-----------|------|-----------|----------|
| REV.      | ERN  | DATE      | CHC'D BY |
| -         | 4499 | 4/22/2021 | RELS D   |

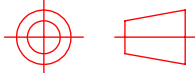
60 USES FITTING 651444 FROM HOLDER BODY



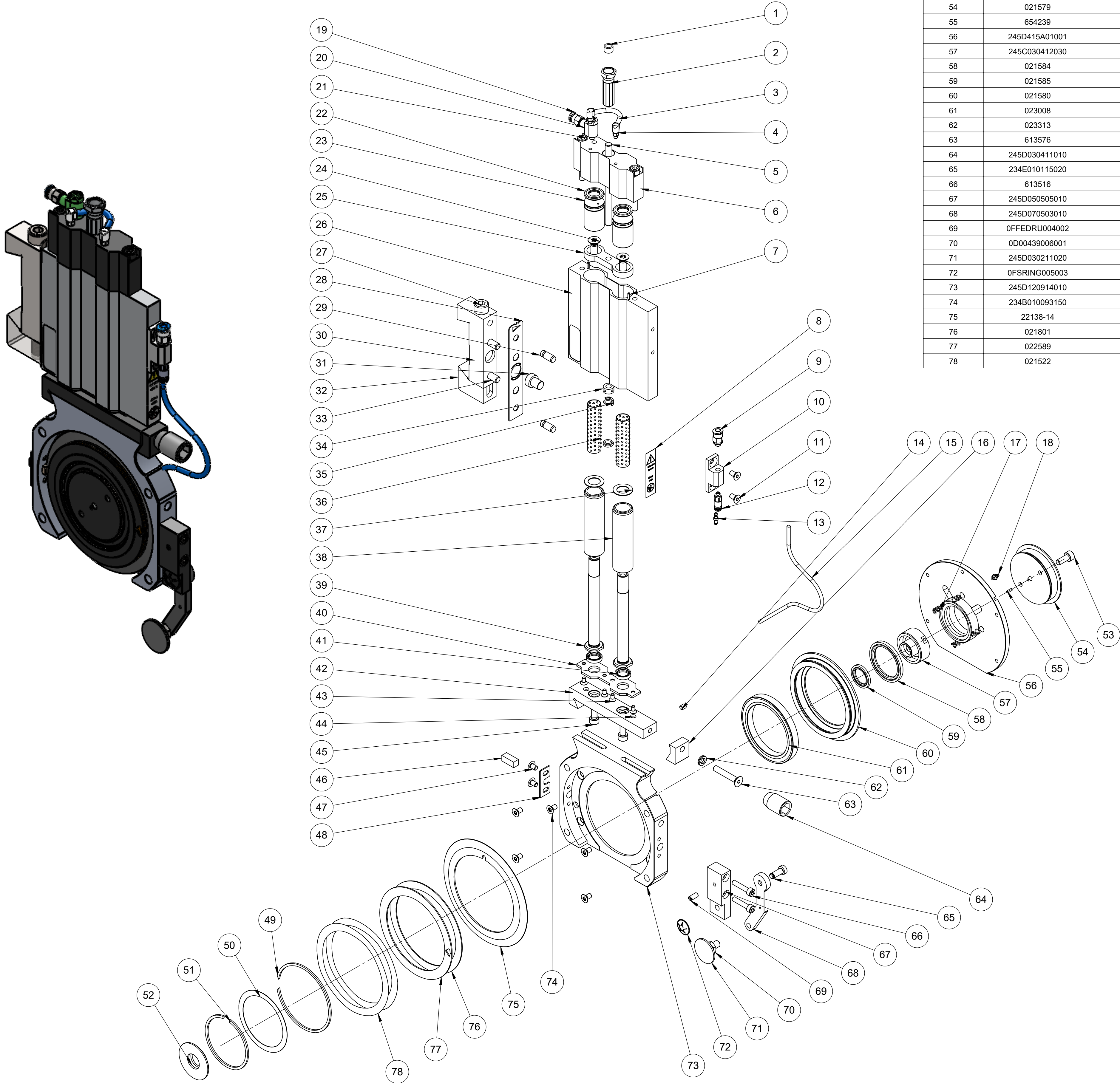
NOTES:

1. MATERIAL: SEE BILL OF MATERIAL.
2. THIS HOLDER IS STANDARD CONFIGURATION
3. USE FIXTURE TO ENSURE HOLDER IS ASSEMBLED SQUARE, IF APPLICABLE
4. TEST HOLDER FOR STROKE & PNEUMATIC LEAKS.
5. APPROX. WEIGHT: 5.10 LBS

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|                                                                                                                           |     |                                                                                                      |             |            |
|---------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------|-------------|------------|
| <div></div> <div>US PROJECTION</div> |     | <div>DIENES CORPORATION</div> <div>Spencer Massachusetts</div>                                       |             |            |
|                                                                                                                           |     | HLDR,DF19,LH LOW,W/DVTL,DISH                                                                         |             |            |
| REFERENCE METRIC DATA                                                                                                     |     | Unless Otherwise Noted Dims in Inches                                                                | Drawn by:   | BGB        |
|                                                                                                                           |     | Tolerances Unless Noted:                                                                             | Date:       | 04/22/2021 |
| DIM                                                                                                                       | TOL | .XXXX ±.0005<br>.XXX ±.005<br>.XX ±.010<br>FRACT. ±.015<br>ANGLE ±1/2°<br>Finish Unless Noted: 125 ✓ | Checked by: | BB         |
| O.D.                                                                                                                      |     | DO NOT SCALE DRAWING                                                                                 | Date:       | 04/22/2021 |
| I.D.                                                                                                                      |     | Sheet 1 of 2                                                                                         | Scale:      | 2:3        |
| THK.                                                                                                                      |     | Drawing Number                                                                                       |             | Rev.       |
|                                                                                                                           |     | CP3105-0005                                                                                          |             | -          |
| REF DWG: P3105-0005R                                                                                                      |     | For Internal DIENES CORPORATION Use Only                                                             |             |            |

DF19,LH Low,with DVTL Shear Cut Holder  
Dienes No. P3105-0005



| ITEM NO. | PART NUMBER   | DESCRIPTION             | QTY. |
|----------|---------------|-------------------------|------|
| 51       | 021526        | EXTERNAL RETAINING RING | 1    |
| 52       | 245C040414020 | CYLINDER COVER          | 1    |
| 53       | 613562        | CAP SCREW               | 1    |
| 54       | 021579        | BEARING CARRIER         | 1    |
| 55       | 654239        | DOWEL PIN               | 1    |
| 56       | 245D415A01001 | CYLINDER COVER          | 1    |
| 57       | 245C030412030 | AXLE                    | 1    |
| 58       | 021584        | ROD SEAL                | 1    |
| 59       | 021585        | ROD SEAL                | 1    |
| 60       | 021580        | KNIFE COLLAR            | 1    |
| 61       | 023008        | BEARING                 | 1    |
| 62       | 023313        | SNAP RING               | 1    |
| 63       | 613576        | FLAT HEAD SCREW         | 1    |
| 64       | 245D030411010 | NUT                     | 1    |
| 65       | 234E010115020 | ES TAB PIN              | 1    |
| 66       | 613516        | CAP SCREW               | 2    |
| 67       | 245D050505010 | ES TAB BODY             | 1    |
| 68       | 245D070503010 | ES TAB SWING ARM        | 1    |
| 69       | 0FFEDRU004002 | SPRING LOADED DEVICE    | 1    |
| 70       | 0D00439006001 | NUT                     | 1    |
| 71       | 245D030211020 | ADJUSTMENT DISC         | 1    |
| 72       | 0FSRING005003 | CLAMPING DISC           | 1    |
| 73       | 245D120914010 | LOWER HEAD GUARD        | 1    |
| 74       | 234B010093150 | TORX SCREW              | 5    |
| 75       | 22138-14      | TOP KNIFE               | 1    |
| 76       | 021801        | DISC                    | 1    |
| 77       | 022589        | EXTERNAL RETAINING RING | 1    |
| 78       | 021522        | SPRING                  | 2    |

| ITEM NO. | PART NUMBER   | DESCRIPTION                 | QTY. |
|----------|---------------|-----------------------------|------|
| 1        | 245E010466020 | SCREW LOCKING RING          | 1    |
| 2        | 10084580      | NUT                         | 1    |
| 3        | 655830        | TUBING                      | 1    |
| 4        | 10053395      | MALE CONNECTOR              | 2    |
| 5        | 245D010404010 | SPINDLE                     | 1    |
| 6        | 10053385      | CYLINDER                    | 1    |
| 7        | 0D01481002005 | SPLIT PIN                   | 2    |
| 8        | 411956        | DECAL,WARNING,"SHARP KNIFE" | 1    |
| 9        | 651444        | MINI STRAIGHT CONNECTOR     | 2    |
| 10       | 245D040417010 | FITTING BLOCK               | 1    |
| 11       | 614094        | FLATHEAD SCREW              | 2    |
| 12       | 654513        | QUICK DISCONNECT FITTING    | 1    |
| 13       | 654242        | MALE COUPLING               | 1    |
| 14       | 654294        | SET SCREW                   | 1    |
| 15       | 652822        | TUBING                      | 1    |
| 16       | 245D020410010 | DOVETAIL CLAMP              | 1    |
| 17       | 021252        | COMPRESSION SPRING          | 4    |
| 18       | 652820        | MALE BARBED FITTING         | 1    |
| 19       | 651444        | MINI STRAIGHT CONNECTOR     | 1    |
| 20       | 650931        | VALVE, SUPPLY FLOW CONTROL  | 1    |
| 21       | 613580        | CAP SCREW                   | 2    |
| 22       | 0FWDICH018003 | PISTON SEAL                 | 2    |
| 23       | 245D020401010 | PISTON                      | 2    |
| 24       | 022594        | COUNTERSUNK SCREW           | 2    |
| 25       | 10053391      | PISTON PLATE                | 1    |
| 26       | 245D100860010 | HOLDER BODY                 | 1    |
| 27       | 654002        | CAP SCREW                   | 1    |
| 28       | 245D110715020 | 30° CANT ANGLE PLATE        | 1    |
| 29       | 234E010109020 | PIN                         | 2    |
| 30       | 245D030281020 | DOVETAIL BODY               | 1    |
| 31       | 234E020120010 | THREADED STUD               | 1    |
| 32       | 422002        | DOVETAIL CLAMP              | 1    |
| 33       | 617220        | CAP SCREW                   | 2    |
| 34       | 245D010405010 | NUT                         | 1    |
| 35       | 0FFEDER010004 | SPRING                      | 1    |
| 36       | 0FKUGB0010002 | BALL CAGE                   | 2    |
| 37       | 234E020144010 | WASHER                      | 2    |
| 38       | 0FKUGB0010001 | GUIDE BUSHING               | 2    |
| 39       | 245D020407010 | GUIDE SHAFT                 | 2    |
| 40       | 245D070408010 | COVER PLATE                 | 1    |
| 41       | 0FWDICH010002 | PISTON SEAL                 | 2    |
| 42       | 245D100771010 | CARRIER PLATE               | 1    |
| 43       | 650221        | FLAT HEAD SCREW             | 4    |
| 44       | 616054        | DOWEL PIN                   | 2    |
| 45       | 613562        | CAP SCREW                   | 2    |
| 46       | 245D030243020 | WICK                        | 1    |
| 47       | 0FSCHRA004016 | FLANGE BUTTON HEAD SCREW    | 2    |
| 48       | 245D030921010 | OIL WICK BRACKET            | 1    |
| 49       | 021525        | INTERNAL RETAINING RING     | 1    |
| 50       | 021583        | WASHER                      | 1    |

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|-----------------------|-----|------------------------------------------------------------------------------------|------------------------------------------|
|                       |     | <b>DIENES CORPORATION</b><br>Spencer Massachusetts                                 |                                          |
| REFERENCE METRIC DATA |     | HLDR,DF19,LH LOW,W/DVTL,DISH                                                       |                                          |
| DIM                   | TOL | Unless Otherwise Noted Dims in Inches                                              | Drawn by: BGB                            |
| O.D.                  |     | Tolerances Unless Noted:                                                           | Date: 04/22/2021                         |
| I.D.                  |     | XXX ±.005                                                                          | Checked by: BB                           |
| THK.                  |     | XX ±.010                                                                           | Date: 04/22/2021                         |
| REF DWG:              |     | FRACT. ±.015                                                                       | Scale: 1:2                               |
|                       |     | ANGLES ±1/2°                                                                       |                                          |
|                       |     | English Unless Noted: <input checked="" type="checkbox"/> <input type="checkbox"/> |                                          |
|                       |     | DO NOT SCALE DRAWING                                                               | Drawing Number                           |
|                       |     | Sheet 2 of 2                                                                       | DP3105-0005                              |
|                       |     |                                                                                    | Rev. -                                   |
|                       |     |                                                                                    | For Internal DIENES CORPORATION Use Only |