

IPGR - ISOTECH RISER GUIDES

File No. : ISOCS-IPGR-2.5-10

NOM, PIPE SIZE (ØD)

Date: 15/05/20

ISOIN-IPGR-2.5-10, Installation Instructions Document, to be Reviewed for Installation

QTY= (4) WALL MOUNT ANCHOR HOLES (SEE DETAILS FOR DIMENSION)

QTY= (2) FLOOR MOUNT ANCHOR HOLES (ØA)

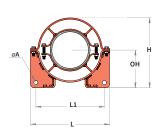
4 x D

REFER TO PIPE GUIDE SPACING TABLE

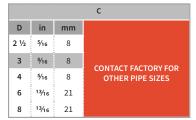
SPECIFICATIONS: IPGR ISOTECH RISER GUIDE DIMENSIONS

| | FOR MAX. 1.5 INSULATION | | | | | | | | | | | | | | |
|----------------|-------------------------|-----------|-----|--------|-----|----|-----|-------|-----|---------|-----|--------|-----|-------|----|
| NOM. PIPE SIZE | THERMAL | THERMAL L | | L1 | | W | | W1 | | ОН | | н | | А | |
| D (in) | MOVEMENT | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm |
| 21/2 | | 8 3/4 | 222 | 7 ½ | 191 | 3 | 76 | 5 ¾ | 137 | 4 1/4 | 108 | 7 ½ | 191 | 7∕16 | 11 |
| 3 | | 10 | 254 | 8 %16 | 217 | 3 | 76 | 6 | 152 | 4 3/4 | 121 | 8 ½ | 216 | 7/16 | 11 |
| 4 | MAX. 4" | 10 ¾ | 273 | 9 1/4 | 235 | 3 | 76 | 6 ½ | 165 | 5 ¾16 | 132 | 9 % | 238 | %16 | 14 |
| 6 | AXIAL MOVEMENT | 13 1/4 | 337 | 11 1/4 | 286 | 4 | 102 | 7 1/8 | 181 | 6 1/4 | 159 | 11 %16 | 294 | 11/16 | 17 |
| 8 | | 15 1/8 | 384 | 13 1/4 | 337 | 4 | 102 | 8 1/8 | 206 | 7 | 178 | 13 % | 340 | 11/16 | 17 |
| 10 | | 20 % | 517 | 18 % | 467 | 6 | 152 | | | 10 3/16 | 259 | 16 %16 | 421 | 11/16 | 17 |

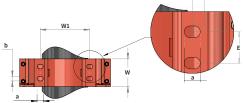
| D (in) | | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm |
|--|------------------------------|--------|-----|--------|-----|----|-----|-------|-----|---------|-----|--------|-----|-------|----|
| 21/2 | MAX. 4" AXIAL MOVEMENT | 8 3/4 | 222 | 7 ½ | 191 | 3 | 76 | 5 % | 137 | 4 1/4 | 108 | 7 ½ | 191 | 7∕16 | 11 |
| 3 | | 10 | 254 | 8 %16 | 217 | 3 | 76 | 6 | 152 | 4 3/4 | 121 | 8 ½ | 216 | 7∕16 | 11 |
| 4 | | 10 ¾ | 273 | 9 1/4 | 235 | 3 | 76 | 6 ½ | 165 | 5 ¾16 | 132 | 9 % | 238 | %16 | 14 |
| 6 | | 13 1/4 | 337 | 11 1/4 | 286 | 4 | 102 | 7 1/8 | 181 | 6 1/4 | 159 | 11 %16 | 294 | 11/16 | 17 |
| 8 | | 15 1/8 | 384 | 13 1/4 | 337 | 4 | 102 | 8 1/8 | 206 | 7 | 178 | 13 % | 340 | 11/16 | 17 |
| 10 | | 20 % | 517 | 18 % | 467 | 6 | 152 | | | 10 3/16 | 259 | 16 %16 | 421 | 11/16 | 17 |
| Note: 10" Pipe guide only available for floor mount installation | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | PIPE GUIDE SPACING | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

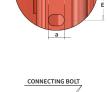


| | PIPE GUIDE SPACING | | | | | | | | | |
|--------|---|--------|--------|---------|---------|---------|---------|---------|---------|--|
| D (in) | MAX. DISTANCE FROM EXPANSION JOINT TO 1ST PIPE GUIDE OR PIPE ANCHOR DISTANCE BETWEEN "S" DISTANCE BETWEEN ADDITIONAL PIPE GUIDES ACCORDING TO STANCE BETWEEN | | | | | | | | | |
| | 4 x D | 14 x D | 50 psi | 100 psi | 150 psi | 200 psi | 250 psi | 300 psi | 350 psi | |
| 21/2 | 10 in | 24 in | 32 ft | 23 ft | 17 ft | 16 ft | 14 ft | 13 ft | 12 ft | |
| 3 | 12 in | 42 in | 38 ft | 27 ft | 22 ft | 19 ft | 17 ft | 16 ft | 15 ft | |
| 4 | 16 in | 56 in | 52 ft | 37 ft | 31 ft | 27 ft | 24 ft | 22 ft | 20 ft | |
| 6 | 24 in | 84 in | 67 ft | 47 ft | 39 ft | 34 ft | 32 ft | 28 ft | 26 ft | |
| 8 | 30 in | 112 in | 86 ft | 62 ft | 51 ft | 44 ft | 40 ft | 36 ft | 34 ft | |
| 10 | 40 in | 140in | 100 ft | 75 ft | 60 ft | 52 ft | 50 ft | 45 ft | 40 ft | |



| WALL MOUNT HOLE DIMENSIONS | in | mm |
|-------------------------------|---------|----|
| a | 5/8 | 16 |
| b | 13/16 | 21 |
| e | 1 ¹5/16 | 49 |













- · ISOTECH Pipe Guides' finish is specialty epoxy electrostatic paint to prevent galvanic corrosion when installed on Stainless Steel and Copper pipes
- ISOTECH Pipe Guides are designed for both floor mount and wall mount installations. Use 3/8" anchors for size $2\frac{1}{2}$ and 3 in, $\frac{1}{2}$ " anchors for size 4 and $\frac{1}{2}$ " anchor for size 6 and 8 in for securing pipe guides to building
- ISOTECH Pipe Guides are designed to support 15% of pipe anchor load; the above table must be used for pipe guide distance from Expansion joint.

Instalation Instructions:

- Step 1: Follow Fig.1 and install the two spider half clamps on pipe using long 3%" bolts provided
- Step 2: Follow Fig.2 center the outer shells around pipe spider clamp, leave 1/8" gap between spider clamp tabs and outer shell
- Step 3: Follow Fig.3 and connect outer shell halves together using short $\,\%$ " bolts provided. Use (2) bolts for size $2\%, 3\,\&\,4$ and (4)bolts for size $6\,\&\,8$ as provided in pipe guide box
- Step 4: Center outer shell with pipe and ensure $\frac{1}{8}$ " gap between spider clamp tabs and outer shell, then anchor pipe guide to building structure
- Step 5: Install pipe guides per distances specified on the above table according to pipe size and in-line pressure.

| PROJECT INFOR | MATION | EQUIPMENT INFOR | MATION | Canada location | | |
|---------------|--------|-------------------|--------|---------------------------------|--|--|
| Customer: | | Туре: | | 35 Silton Road | | |
| Project: | | Qty Required: | | Woodbridge ON L4L 7Z8 CANADA | | |
| Drawing No: | | Operating Weight: | | T: 905-856-5001 | | |
| Notes: | | | | Too | | |

| 35 Silton Road |
|-----------------|
| Woodbridge ON |
| L4L 7Z8 CĂNADA |
| T- 905-856-5001 |

3021 E Coronado St. Anaheim, CA.,92806

USA Location

U.S.A T: 949-788-2930



PIPE GUIDE

Tool free: 1-888-831-3311 www.isotechindustries.com

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