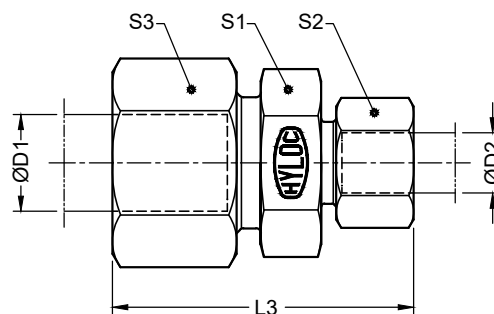
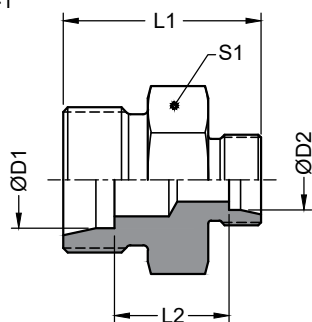


# GR Straight Reducers

24° Tube end as per ISO 8434-1

Dimensions in mm



## Low Pressure Series

| Pr (bar) | Part No.<br>Body | Part No.<br>Assembly | D1<br> | D2 | L1 | L2   | Approx.<br>L3 | S1 | S2 | S3 |
|----------|------------------|----------------------|-----------------------------------------------------------------------------------------|----|----|------|---------------|----|----|----|
| 315      | GR0806XL         | GR0806PL             | 08                                                                                      | 06 | 25 | 11   | 45.5          | 14 | 14 | 17 |
| 315      | GR1006XL         | GR1006PL             | 10                                                                                      | 06 | 26 | 12   | 47.5          | 17 | 14 | 19 |
|          | GR1008XL         | GR1008PL             | 10                                                                                      | 08 | 26 | 12   | 47            | 17 | 17 | 19 |
| 315      | GR1206XL         | GR1206PL             | 12                                                                                      | 06 | 27 | 13   | 48            | 19 | 14 | 22 |
|          | GR1208XL         | GR1208PL             | 12                                                                                      | 08 | 27 | 13   | 47.5          | 19 | 17 | 22 |
|          | GR1210XL         | GR1210PL             | 12                                                                                      | 10 | 28 | 14   | 49.5          | 19 | 19 | 22 |
| 315      | GR1510XL         | GR1510PL             | 15                                                                                      | 10 | 29 | 15   | 51.5          | 24 | 19 | 27 |
|          | GR1512XL         | GR1512PL             | 15                                                                                      | 12 | 29 | 15   | 51            | 24 | 22 | 27 |
| 315      | GR1810XL         | GR1810PL             | 18                                                                                      | 10 | 30 | 15.5 | 53            | 27 | 19 | 32 |
|          | GR1812XL         | GR1812PL             | 18                                                                                      | 12 | 30 | 15.5 | 52.5          | 27 | 22 | 32 |
|          | GR1815XL         | GR1815PL             | 18                                                                                      | 15 | 31 | 16.5 | 54.5          | 27 | 27 | 32 |
| 160      | GR2212XL         | GR2212PL             | 22                                                                                      | 12 | 32 | 17.5 | 55            | 32 | 22 | 36 |
|          | GR2215XL         | GR2215PL             | 22                                                                                      | 15 | 33 | 18.5 | 57            | 32 | 27 | 36 |
|          | GR2218XL         | GR2218PL             | 22                                                                                      | 18 | 33 | 18   | 57.5          | 32 | 32 | 36 |
| 160      | GR2818XL         | GR2818PL             | 28                                                                                      | 18 | 34 | 19   | 59.5          | 41 | 32 | 41 |
|          | GR2822XL         | GR2822PL             | 28                                                                                      | 22 | 36 | 21   | 62            | 41 | 36 | 41 |
| 160      | GR3522XL         | GR3522PL             | 35                                                                                      | 22 | 39 | 21   | 67            | 46 | 36 | 50 |
|          | GR3528XL         | GR3528PL             | 35                                                                                      | 28 | 39 | 21   | 68            | 46 | 41 | 50 |

## High Pressure Series

| Pr (bar) | Part No.<br>Body | Part No.<br>Assembly | D1<br> | D2 | L1 | L2   | Approx.<br>L3 | S1 | S2 | S3 |
|----------|------------------|----------------------|-------------------------------------------------------------------------------------------|----|----|------|---------------|----|----|----|
| 630      | GR0806XS         | GR0806PS             | 08                                                                                        | 06 | 32 | 18   | 52.5          | 17 | 17 | 19 |
| 630      | GR1006XS         | GR1006PS             | 10                                                                                        | 06 | 32 | 17.5 | 54.5          | 19 | 17 | 22 |
|          | GR1008XS         | GR1008PS             | 10                                                                                        | 08 | 32 | 17.5 | 54            | 19 | 19 | 22 |
| 630      | GR1206XS         | GR1206PS             | 12                                                                                        | 06 | 34 | 19.5 | 56            | 22 | 17 | 24 |
|          | GR1208XS         | GR1208PS             | 12                                                                                        | 08 | 34 | 19.5 | 55.5          | 22 | 19 | 24 |
|          | GR1210XS         | GR1210PS             | 12                                                                                        | 10 | 34 | 19   | 57.5          | 22 | 22 | 24 |
| 400      | GR1612XS         | GR1612PS             | 16                                                                                        | 12 | 36 | 20   | 60.5          | 27 | 24 | 30 |
| 400      | GR2010XS         | GR2010PS             | 20                                                                                        | 10 | 40 | 22   | 67            | 32 | 22 | 36 |
|          | GR2012XS         | GR2012PS             | 20                                                                                        | 12 | 40 | 22   | 66.5          | 32 | 24 | 36 |
|          | GR2016XS         | GR2016PS             | 20                                                                                        | 16 | 42 | 23   | 70            | 32 | 30 | 36 |
| 400      | GR2516XS         | GR2516PS             | 25                                                                                        | 16 | 46 | 25.5 | 75            | 41 | 30 | 46 |
|          | GR2520XS         | GR2520PS             | 25                                                                                        | 20 | 48 | 25.5 | 79            | 41 | 36 | 46 |
| 400      | GR3020XS         | GR3020PS             | 30                                                                                        | 20 | 50 | 26   | 82.5          | 46 | 36 | 50 |
|          | GR3025XS         | GR3025PS             | 30                                                                                        | 25 | 52 | 26.5 | 85.5          | 46 | 46 | 50 |
| 315      | GR3830XS         | GR3830PS             | 38                                                                                        | 30 | 59 | 29.5 | 95            | 55 | 50 | 60 |

Assembly consists of Double bite ferrule. For soft seal ferrules, replace 'P' with 'SRD' in Part code. Example : GR1612SRDS

Standard material : Carbon Steel, For Stainless steel material, add prefix 316 - to the part code Example : 316-GR1612PS

Standard surface treatment : Chrome free Alkaline Zinc Plating.

For Zinc Nickel surface treatment, add suffix - ZnNi, Example : GR1612PS-ZnNi