

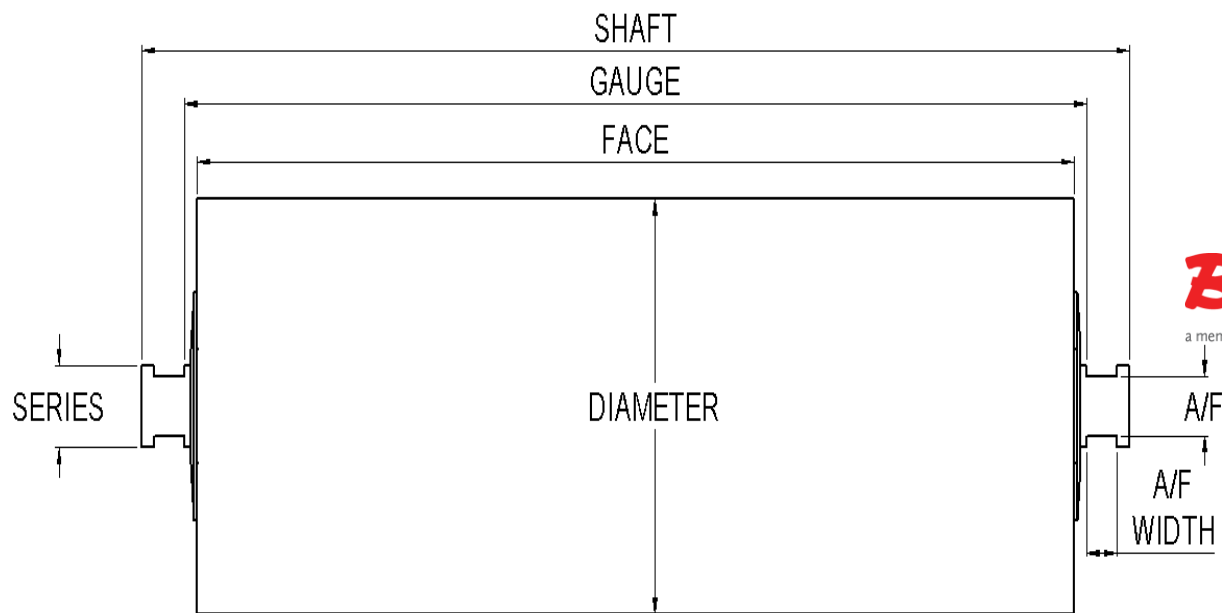
## Guideline for Conveyor Idler/roller Sizing

### GUIDELINE ON ROLLER LENGTHS BASED ON BELT WIDTH AND TYPE OF CONSTRUCTION REQUIRED

| Belt width | Layout |        |        |                 |             |                |                 |
|------------|--------|--------|--------|-----------------|-------------|----------------|-----------------|
|            | 2 Roll | 3 Roll | 5 Roll | 2-Roll V return | Flat return | Centre picking | Extended return |
| 400        | 240    | 170    |        |                 | 484         |                |                 |
| 450        | 290    | 190    |        |                 | 536         |                |                 |
| 500        | 340    | 200    |        |                 | 586         |                |                 |
| 600        | 390    | 240    |        | 300             | 688         |                | 770             |
| 750        |        | 290    |        | 400             | 840         | 536            | 922             |
| 900        |        | 340    |        | 475             | 994         | 688            | 1075            |
| 1050       |        | 390    | 240    | 560             | 1146        | 840            | 1226            |
| 1200       |        | 450    | 270    | 635             | 1298        | 994            | 1378            |
| 1350       |        | 500    | 300    | 720             | 1450        | 1146           | 1532            |
| 1500       |        | 560    | 340    | 800             | 1602        | 1298           | 1678            |
| 1650       |        | 610    | 370    | 885             | 1754        | 1450           | 1828            |
| 1800       |        | 660    | 400    | 965             | 1908        | 1602           | 1978            |
| 2000       |        | 740    | 450    | 1075            | 2110        | 1754           |                 |
| 2100       |        | 765    | 475    | 1146            | 2212        | 1908           |                 |
| 2200       |        | 800    | 490    | 1185            | 2310        | 2110           |                 |
| 2400       |        | 870    | 536    | 1298            | 2518        | 2212           |                 |

Items in red also available as impact idlers

|          |    | Idler Roll Diameter |     |     |     | Impact Rolls |     |
|----------|----|---------------------|-----|-----|-----|--------------|-----|
| Diameter |    | 89                  | 101 | 127 | 152 | 133          | 152 |
| Series   | 20 | 20                  | 20  |     |     | 20           | 20  |
|          | 25 | 25                  | 25  | 25  | 25  | 25           | 25  |
|          |    |                     |     | 30  | 30  |              | 30  |
|          |    |                     |     |     | 40  |              |     |



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[illegible]