

# Single and dual output gearbox



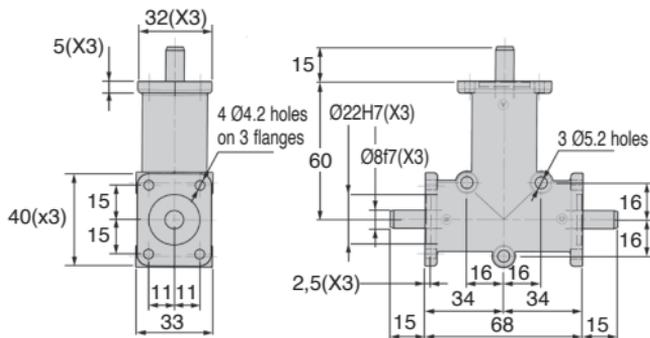
## CHTRB8

Torque up to 4.7Nm

- Gearbox with one or two outputs
- Ratios from 1:1 to 2:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material :
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C

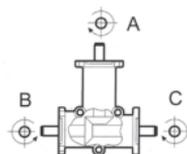
### Info.

- Max. axial load : 210N
- Max. radial load at 7,5mm : 110N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio.



### OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

| Ratios            |      | 1:1 | 2:1 |
|-------------------|------|-----|-----|
| INPUT SPEED (rpm) | 3000 | 1,7 | 1,4 |
|                   | 2000 | 1,8 | 1,6 |
|                   | 1400 | 2,0 | 1,7 |
|                   | 800  | 2,3 | 2,0 |
|                   | 400  | 2,8 | 2,4 |
|                   | 200  | 3,3 | 2,8 |
|                   | 100  | 3,9 | 3,4 |
|                   | 50   | 4,7 | 4,0 |



### DISCOUNTS

| Qty   | 1+        | 2+         | 4+         |
|-------|-----------|------------|------------|
| Disc. | List -15% | On request | On request |

| Part number | Type | Ratio | Input | Output | Max. input  | Max. output | Weight (kg) | Stock* | Price each |
|-------------|------|-------|-------|--------|-------------|-------------|-------------|--------|------------|
|             |      |       |       |        | speed (rpm) | speed (rpm) |             |        |            |
| CHTRB8-1-1  | 1    | 1:1   | A     | B      | 3000        | 3000        | 0,3         | ✓      | 196,13 €   |
| CHTRB8-2-1  | 2    | 1:1   | A     | C      | 3000        | 3000        | 0,3         | ✓      | 196,13 €   |
| CHTRB8-3-2  | 3    | 2:1   | A     | B      | 3000        | 1500        | 0,3         | ✓      | 196,13 €   |
| CHTRB8-4-2  | 4    | 2:1   | A     | C      | 3000        | 1500        | 0,3         | -      | 196,13 €   |
| CHTRB8-5-1  | 5    | 1:1   | A     | B-C    | 3000        | 3000        | 0,3         | ✓      | 206,11 €   |
| CHTRB8-6-2  | 6    | 2:1   | A     | B-C    | 3000        | 1500        | 0,3         | ✓      | 206,11 €   |

Depending of availability - Dimensions in mm



# Single and dual output gearbox

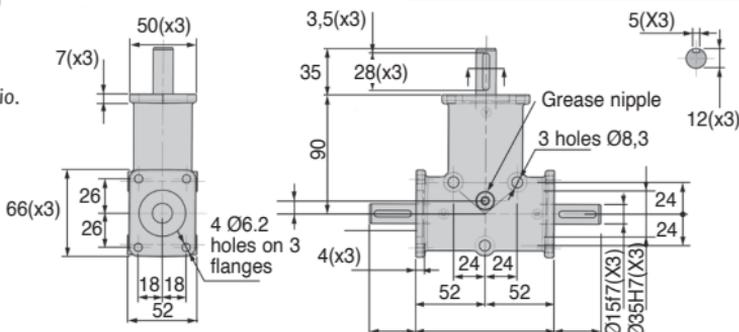
Torque up to 16.5Nm

CHTRB15

- Gearbox with one or two outputs
- Ratios from 1:1 to 2:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material :
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C

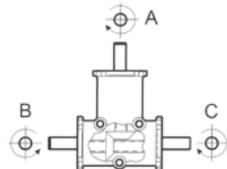
## Info.

- Max. axial load : 410N
- Max. radial load at 17,5mm : 200N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio.



## OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

| Ratios            |      | 1:1  | 2:1  |
|-------------------|------|------|------|
| INPUT SPEED (rpm) | 3000 | 5,9  | 5,2  |
|                   | 2000 | 6,6  | 5,8  |
|                   | 1400 | 7,2  | 6,3  |
|                   | 800  | 8,2  | 7,3  |
|                   | 400  | 9,8  | 8,7  |
|                   | 200  | 11,7 | 10,3 |
|                   | 100  | 13,9 | 12,3 |
|                   | 50   | 16,5 | 14,6 |



## DISCOUNTS

| Qty   | 1+        | 2+         | 4+         |
|-------|-----------|------------|------------|
| Disc. | List -15% | On request | On request |

| Part number | Type | Ratio | Input | Output | Max. input speed (rpm) | Max. output speed (rpm) | Weight (kg) | Price each |
|-------------|------|-------|-------|--------|------------------------|-------------------------|-------------|------------|
|             |      |       |       |        |                        |                         |             | Stock*     |
| CHTRB15-1-1 | 1    | 1:1   | A     | B      | 3000                   | 3000                    | 1,1         | ✓ 255,30 € |
| CHTRB15-2-1 | 2    | 1:1   | A     | C      | 3000                   | 3000                    | 1,1         | ✓ 255,30 € |
| CHTRB15-3-2 | 3    | 2:1   | A     | B      | 3000                   | 1500                    | 1,1         | ✓ 255,30 € |
| CHTRB15-4-2 | 4    | 2:1   | A     | C      | 3000                   | 1500                    | 1,1         | ✓ 255,30 € |
| CHTRB15-5-1 | 5    | 1:1   | A     | B-C    | 3000                   | 3000                    | 1,2         | ✓ 266,24 € |
| CHTRB15-6-2 | 6    | 2:1   | A     | B-C    | 3000                   | 1500                    | 1,2         | ✓ 266,24 € |

Depending of availability - Dimensions in mm





# Single and dual output gearbox

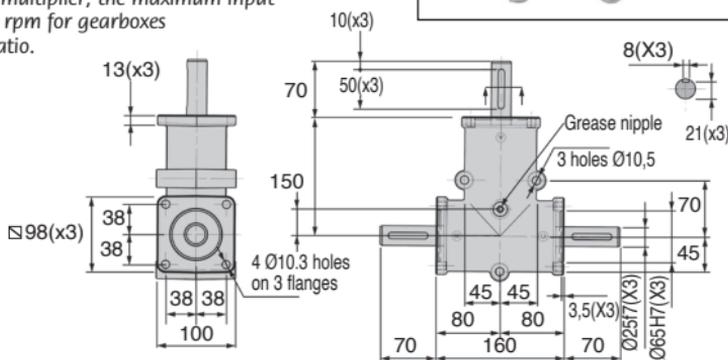
Torque up to 87.3Nm

CHTRB25

- Gearbox with one or two outputs
- Ratios from 1:1 to 2:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material:
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C

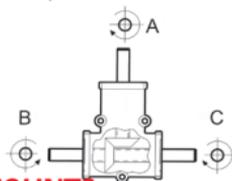
## Info.

- Max. axial load : 880N
- Max. radial load at 35mm : 490N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio.



## OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

| Ratios            |      | 1:1  | 2:1  |
|-------------------|------|------|------|
| INPUT SPEED (rpm) | 3000 | 31,4 | 29,6 |
|                   | 2000 | 34,7 | 32,7 |
|                   | 1400 | 38,0 | 35,8 |
|                   | 800  | 43,7 | 41,1 |
|                   | 400  | 51,9 | 48,9 |
|                   | 200  | 61,8 | 58,2 |
|                   | 100  | 73,4 | 69,2 |
|                   | 50   | 87,3 | 82,3 |



## DISCOUNTS

| Qty   | 1+   | 2+   | 4+         |
|-------|------|------|------------|
| Disc. | List | -15% | On request |

| Part number | Type | Ratio | Input | Output | Max. input speed (rpm) | Max. output speed (rpm) | Weight (kg) | Price each |
|-------------|------|-------|-------|--------|------------------------|-------------------------|-------------|------------|
| CHTRB25-1-1 | 1    | 1:1   | A     | B      | 3000                   | 3000                    | 5,5         | 450,01 €   |
| CHTRB25-2-1 | 2    | 1:1   | A     | C      | 3000                   | 3000                    | 5,5         | 450,01 €   |
| CHTRB25-3-2 | 3    | 2:1   | A     | B      | 3000                   | 1500                    | 5,5         | 450,01 €   |
| CHTRB25-4-2 | 4    | 2:1   | A     | C      | 3000                   | 1500                    | 5,5         | 450,01 €   |
| CHTRB25-5-1 | 5    | 1:1   | A     | B-C    | 3000                   | 3000                    | 5,8         | 466,23 €   |
| CHTRB25-6-2 | 6    | 2:1   | A     | B-C    | 3000                   | 1500                    | 5,8         | 466,23 €   |

Dimensions in mm

# Single and dual output gearbox



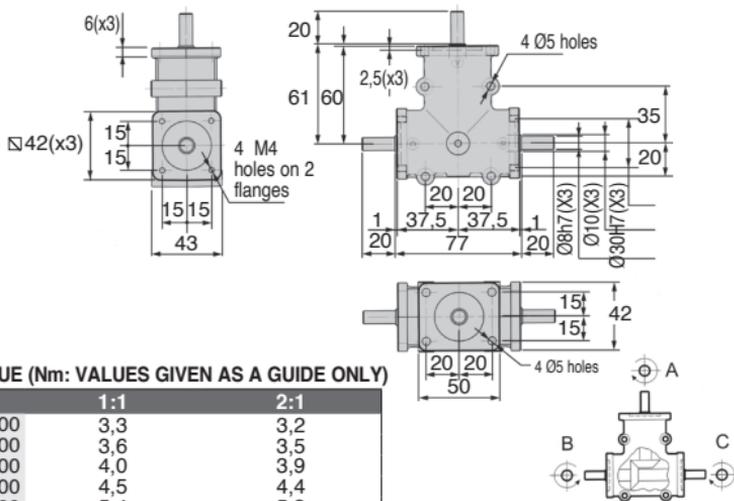
## CHTRP8

Torque up to 9.1Nm

- Gearbox with one or two outputs
- Ratios from 1:1 to 2:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material:
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C

### Info.

- Max. axial load : 280N
- Max. radial load at 10mm : 150N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio.



### OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

| Ratios            |      | 1:1 | 2:1 |
|-------------------|------|-----|-----|
| INPUT SPEED (rpm) | 3000 | 3,3 | 3,2 |
|                   | 2000 | 3,6 | 3,5 |
|                   | 1400 | 4,0 | 3,9 |
|                   | 800  | 4,5 | 4,4 |
|                   | 400  | 5,4 | 5,3 |
|                   | 200  | 6,4 | 6,3 |
|                   | 100  | 7,6 | 7,5 |
|                   | 50   | 9,1 | 8,9 |

### DISCOUNTS

| Qty   | 1+   | 2+   | 4+         |
|-------|------|------|------------|
| Disc. | List | -15% | On request |

| Part number | Type | Ratio | Input | Output | Max. input speed (rpm) | Max. output speed (rpm) | Weight (kg) | Price each |
|-------------|------|-------|-------|--------|------------------------|-------------------------|-------------|------------|
| CHTRP8-1-1  | 1    | 1:1   | A     | B      | 3000                   | 3000                    | 0,6         | ✓ 269,73 € |
| CHTRP8-2-1  | 2    | 1:1   | A     | C      | 3000                   | 3000                    | 0,6         | - 269,73 € |
| CHTRP8-3-2  | 3    | 2:1   | A     | B      | 3000                   | 1500                    | 0,6         | ✓ 304,66 € |
| CHTRP8-4-2  | 4    | 2:1   | A     | C      | 3000                   | 1500                    | 0,6         | - 304,68 € |
| CHTRP8-5-1  | 5    | 1:1   | A     | B-C    | 3000                   | 3000                    | 0,6         | ✓ 285,91 € |
| CHTRP8-6-2  | 6    | 2:1   | A     | B-C    | 3000                   | 1500                    | 0,6         | - 323,44 € |

Depending of availability - Dimensions in mm

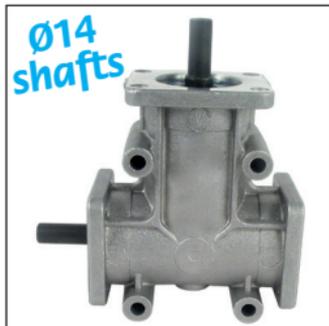


# Single and dual output gearbox

Torque up to 34.5Nm

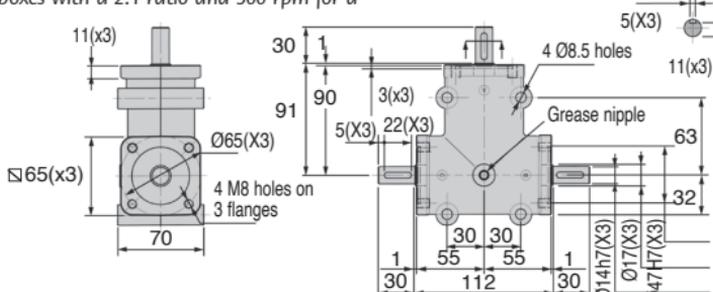
CHTRP14

- Gearbox with one or two outputs
- Ratios from 1:1 to 3:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material:
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C



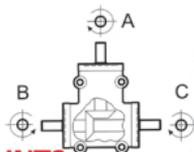
## Info.

- Max. axial load : 530N
- Max. radial load at 15mm : 300N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio and 500 rpm for a 3:1 ratio.



## OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

| Ratios | 1:1  | 2:1  | 3:1  |
|--------|------|------|------|
| 3000   | 12,4 | 12,2 | 9,9  |
| 2000   | 13,7 | 13,5 | 10,9 |
| 1400   | 15,0 | 14,7 | 12,0 |
| 800    | 17,2 | 16,9 | 13,7 |
| 400    | 20,5 | 20,1 | 16,3 |
| 200    | 24,4 | 23,9 | 19,4 |
| 100    | 29,0 | 28,5 | 23,1 |
| 50     | 34,5 | 33,8 | 27,5 |



## DISCOUNTS

| Qty   | 1+   | 2+   | 4+         |
|-------|------|------|------------|
| Disc. | List | -15% | On request |

| Part number | Type | Ratio | Input | Output | Max. input speed (rpm) | Max. output speed (rpm) | Weight (kg) | Price each |
|-------------|------|-------|-------|--------|------------------------|-------------------------|-------------|------------|
| CHTRP14-1-1 | 1    | 1:1   | A     | B      | 3000                   | 3000                    | 2           | 326,80 €   |
| CHTRP14-2-1 | 2    | 1:1   | A     | C      | 3000                   | 3000                    | 2           | 326,80 €   |
| CHTRP14-3-2 | 3    | 2:1   | A     | B      | 3000                   | 1500                    | 2           | 350,54 €   |
| CHTRP14-4-2 | 4    | 2:1   | A     | C      | 3000                   | 1500                    | 2           | 350,54 €   |
| CHTRP14-5-3 | 5    | 3:1   | A     | B      | 3000                   | 1000                    | 2           | 358,61 €   |
| CHTRP14-6-3 | 6    | 3:1   | A     | C      | 3000                   | 1000                    | 2           | 358,61 €   |
| CHTRP14-7-1 | 7    | 1:1   | A     | B-C    | 3000                   | 3000                    | 2           | 358,61 €   |
| CHTRP14-8-2 | 8    | 2:1   | A     | B-C    | 3000                   | 1500                    | 2           | 375,39 €   |
| CHTRP14-9-3 | 9    | 3:1   | A     | B-C    | 3000                   | 1000                    | 2           | 403,38 €   |

Depending of availability - Dimensions in mm

# Single and dual output gearbox

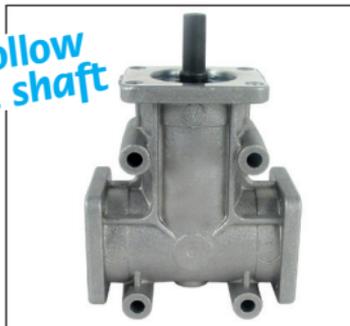


## CHTRP14

## Torque up to 28.8Nm

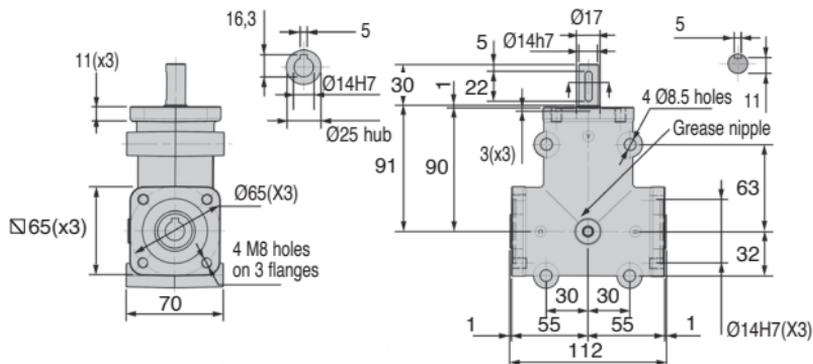
- Gearbox with one or two outputs
- Ratios from 1:1 to 3:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material:
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C

Ø14 hollow output shaft



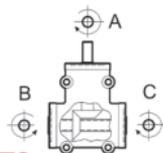
### Info.

- Max. axial load : 530N
- Max. radial load at 15mm : 300N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio and 500 rpm for a 3:1 ratio.



### OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

| Ratios            | 1:1  | 2:1  | 3:1  |
|-------------------|------|------|------|
| 3000              | 10,3 | 10,1 | 9,9  |
| 2000              | 11,4 | 11,2 | 10,9 |
| 1400              | 12,5 | 12,2 | 12,0 |
| INPUT SPEED (rpm) | 800  | 14,4 | 14,1 |
|                   | 400  | 17,1 | 16,7 |
|                   | 200  | 20,3 | 19,9 |
|                   | 100  | 24,2 | 23,7 |
|                   | 50   | 28,8 | 28,1 |
|                   |      |      | 27,5 |



### DISCOUNTS

| Qty   | 1+        | 2+         | 4+         |
|-------|-----------|------------|------------|
| Disc. | List -15% | On request | On request |

| Part number  | Type | Ratio | Input | Output | Max. input speed (rpm) | Max. output speed (rpm) | Weight (kg) | Price each |
|--------------|------|-------|-------|--------|------------------------|-------------------------|-------------|------------|
| CHTRP14-10-1 | 10   | 1:1   | A     | B-C    | 3000                   | 3000                    | 2           | 411,11 €   |
| CHTRP14-11-2 | 11   | 2:1   | A     | B-C    | 3000                   | 1500                    | 2           | 444,09 €   |
| CHTRP14-12-3 | 12   | 3:1   | A     | B-C    | 3000                   | 1000                    | 2           | 478,34 €   |

Depending of availability - Dimensions in mm



# Single and dual output gearbox

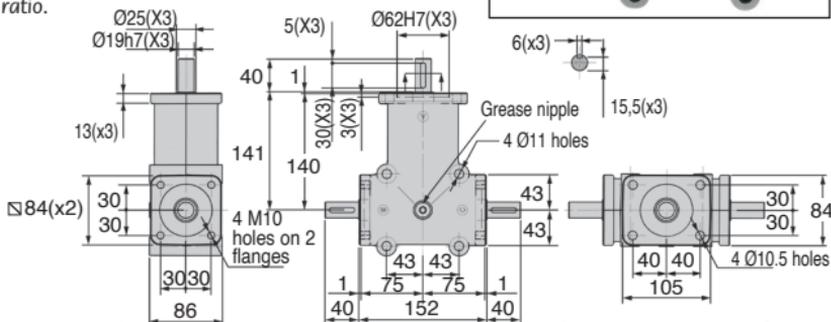
Torque up to 87.3Nm

CHTRP19

- Gearbox with one or two outputs
- Ratios from 1:1 to 3:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material:
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C

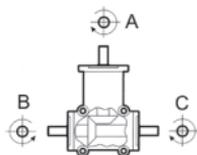
## Info.

- Max. axial load : 650N
- Max. radial load at 20mm : 450N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio and 500 rpm for a 3:1 ratio.



## OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

|                   | Ratios | 1:1  | 2:1  | 3:1  |
|-------------------|--------|------|------|------|
| INPUT SPEED (rpm) | 3000   | 31,4 | 29,6 | 22,8 |
|                   | 2000   | 34,7 | 32,7 | 25,2 |
|                   | 1400   | 38,0 | 35,8 | 27,6 |
|                   | 800    | 43,7 | 41,1 | 31,7 |
|                   | 400    | 51,9 | 48,9 | 37,7 |
|                   | 200    | 61,8 | 58,2 | 44,9 |
|                   | 100    | 73,4 | 69,2 | 53,3 |
|                   | 50     | 87,3 | 82,3 | 63,4 |



## DISCOUNTS

| Qty   | 1+   | 2+   | 4+         |
|-------|------|------|------------|
| Disc. | List | -15% | On request |

| Part number | Type | Ratio | Input | Output | Max. input speed (rpm) | Max. output speed (rpm) | Weight (kg) | Stock* | Price each 1 to 5 |
|-------------|------|-------|-------|--------|------------------------|-------------------------|-------------|--------|-------------------|
| CHTRP19-1-1 | 1    | 1:1   | A     | B      | 3000                   | 3000                    | 4,5         | -      | 478.19 €          |
| CHTRP19-2-1 | 2    | 1:1   | A     | C      | 3000                   | 3000                    | 4,5         | -      | 478.19 €          |
| CHTRP19-3-2 | 3    | 2:1   | A     | B      | 3000                   | 1500                    | 4,5         | -      | 500.73 €          |
| CHTRP19-4-2 | 4    | 2:1   | A     | C      | 3000                   | 1500                    | 4,5         | -      | 500.70 €          |
| CHTRP19-5-3 | 5    | 3:1   | A     | B      | 3000                   | 1000                    | 4,5         | ✓      | 523.41 €          |
| CHTRP19-6-3 | 6    | 3:1   | A     | C      | 3000                   | 1000                    | 4,5         | -      | 523.46 €          |
| CHTRP19-7-1 | 7    | 1:1   | A     | B-C    | 3000                   | 3000                    | 4,5         | ✓      | 478.04 €          |
| CHTRP19-8-2 | 8    | 2:1   | A     | B-C    | 3000                   | 1500                    | 4,5         | -      | 507.85 €          |
| CHTRP19-9-3 | 9    | 3:1   | A     | B-C    | 3000                   | 1000                    | 4,5         | -      | 544.64 €          |

Depending of availability - Dimensions in mm

# Single and dual output gearbox

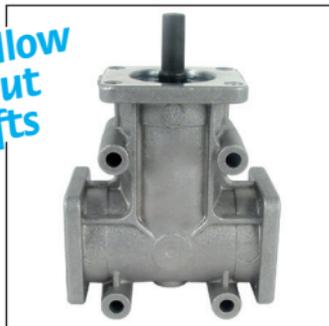


## CHTRP19

## Torque up to 75.7Nm

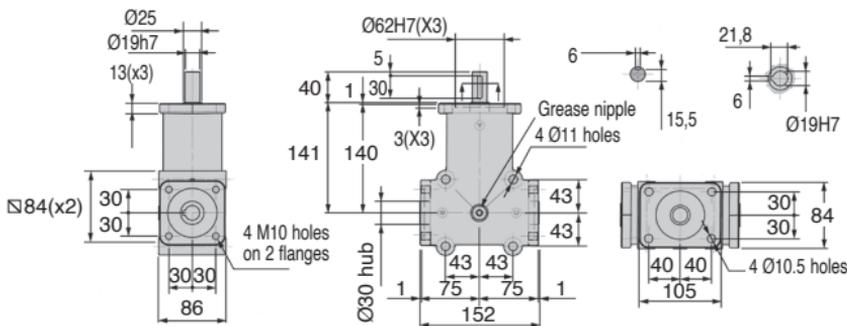
- Gearbox with one or two outputs
- Ratios from 1:1 to 3:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material:
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C

Ø19 hollow output shafts



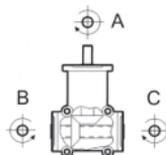
### Info.

- Max. axial load : 650N
- Max. radial load at 20mm : 450N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio and 500 rpm for a 3:1 ratio.



### OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

| Ratios            | 1:1  | 2:1  | 3:1  |
|-------------------|------|------|------|
| 3000              | 27,2 | 26,6 | 22,8 |
| 2000              | 30,1 | 28,3 | 25,2 |
| 1400              | 32,9 | 31,0 | 27,6 |
| INPUT SPEED (rpm) | 800  | 37,9 | 35,6 |
| 400               | 45,0 | 42,4 | 37,7 |
| 200               | 53,5 | 50,4 | 44,9 |
| 100               | 63,7 | 59,9 | 53,3 |
| 50                | 75,7 | 71,3 | 63,4 |



### DISCOUNTS

| Qty   | 1+        | 2+         | 4+         |
|-------|-----------|------------|------------|
| Disc. | List -15% | On request | On request |

| Part number  | Type | Ratio | Input | Output | Max. input speed (rpm) | Max. output speed (rpm) | Weight (kg) | Price each |
|--------------|------|-------|-------|--------|------------------------|-------------------------|-------------|------------|
| CHTRP19-10-1 | 10   | 1:1   | A     | B-C    | 3000                   | 3000                    | 4,5         | 618,04 €   |
| CHTRP19-11-2 | 11   | 2:1   | A     | B-C    | 3000                   | 1500                    | 4,5         | 730,39 €   |
| CHTRP19-12-3 | 12   | 3:1   | A     | B-C    | 3000                   | 1000                    | 4,5         | 841,71 €   |

Depending of availability - Dimensions in mm



# Single and dual output gearbox

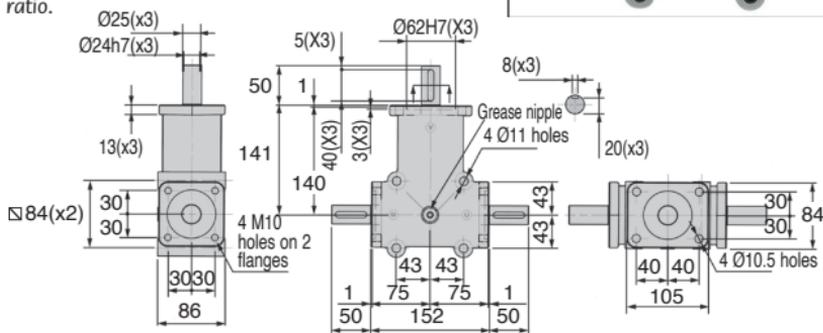
**Torque up to 87.3Nm**

**CHTRP24**

- Gearbox with one or two outputs
- Ratios from 1:1 to 3:1
- Maximum speed 3,000 rpm
- Lubrication: Synthetic oil
- Material:
  - Housing: Cast aluminium
  - Gears: Steel 16CrN4
- Operating temperature -20° to +80°C

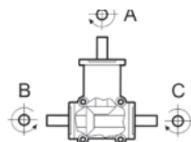
## Info.

- Max. axial load : 800N
- Max. radial load at 25mm : 600N
- If used as a multiplier, the maximum input speed is 750 rpm for gearboxes with a 2:1 ratio and 500 rpm for a 3:1 ratio.



## OUTPUT TORQUE (Nm: VALUES GIVEN AS A GUIDE ONLY)

| Ratios | 1:1  | 2:1  | 3:1  |
|--------|------|------|------|
| 3000   | 31,4 | 29,6 | 22,8 |
| 2000   | 34,7 | 32,7 | 25,2 |
| 1400   | 38,0 | 35,8 | 27,6 |
| 800    | 43,7 | 41,1 | 31,7 |
| 400    | 51,9 | 48,9 | 37,7 |
| 200    | 61,8 | 58,2 | 44,9 |
| 100    | 73,4 | 69,2 | 53,3 |
| 50     | 87,3 | 82,3 | 63,4 |



## DISCOUNTS

| Qty   | 1+   | 2+   | 4+         |
|-------|------|------|------------|
| Disc. | List | -15% | On request |

| Part number | Type | Ratio | Input | Output | Max. input speed (rpm) | Max. output speed (rpm) | Weight (kg) | Stock* | Price each 1 to 5 |
|-------------|------|-------|-------|--------|------------------------|-------------------------|-------------|--------|-------------------|
|             |      |       |       |        |                        |                         |             |        |                   |
| CHTRP24-1-1 | 1    | 1:1   | A     | B      | 3000                   | 3000                    | 4,5         | -      | 490,35 €          |
| CHTRP24-2-1 | 2    | 1:1   | A     | C      | 3000                   | 3000                    | 4,5         | -      | 841,71 €          |
| CHTRP24-3-2 | 3    | 2:1   | A     | B      | 3000                   | 1500                    | 4,5         | -      | 551,76 €          |
| CHTRP24-4-2 | 4    | 2:1   | A     | C      | 3000                   | 1500                    | 4,5         | -      | 551,76 €          |
| CHTRP24-5-3 | 5    | 3:1   | A     | B      | 3000                   | 1000                    | 4,5         | -      | 593,86 €          |
| CHTRP24-6-3 | 6    | 3:1   | A     | C      | 3000                   | 1000                    | 4,5         | ✓      | 593,88 €          |
| CHTRP24-7-1 | 7    | 1:1   | A     | B-C    | 3000                   | 3000                    | 4,5         | ✓      | 539,79 €          |
| CHTRP24-8-2 | 8    | 2:1   | A     | B-C    | 3000                   | 1500                    | 4,5         | ✓      | 584,79 €          |
| CHTRP24-9-3 | 9    | 3:1   | A     | B-C    | 3000                   | 1000                    | 4,5         | -      | 643,98 €          |

Depending of availability - Dimensions in mm