

Torque up to 1.15Nm

J53  
XJ53

- Ratios from 1:1 to 625:1  
(Other ratios available on request)

- Output backlash: N/A

- Max. input speed: 4000 rpm

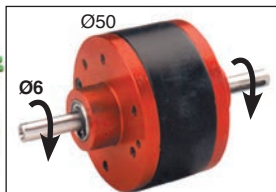
- Materials:

casing: anodised aluminium  
and black delrin

input & output: unhardened steel

- Weight: 0.17 kg

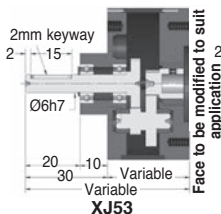
- Keyway conforms to DIN 6885



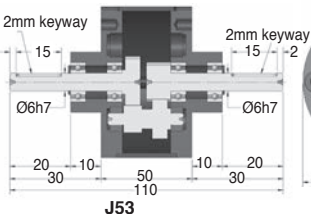
## XJ Gearbox

- Please send us the dimensions of the front face of your motor

- The overall length depends on the adaptor plate

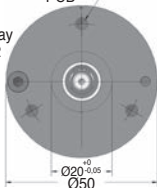


XJ53



J53

(2x3) M4 x 5mm  
deep on 38mm  
PCD



### OUTPUT TORQUE (In Nm, values given as a guide only)

| Ratios            | 140:1 | 160:1 | 200:1 | 300:1 | 400:1 | 500:1 | 625:1 |
|-------------------|-------|-------|-------|-------|-------|-------|-------|
| 4000              | 0,43  | 0,45  | 0,46  | 0,51  | 0,53  | 0,55  | 0,58  |
| 2000              | 0,50  | 0,52  | 0,53  | 0,58  | 0,59  | 0,61  | 0,63  |
| 1000              | 0,56  | 0,57  | 0,58  | 0,63  | 0,65  | 0,67  | 0,69  |
| INPUT SPEED (rpm) | 500   | 0,63  | 0,67  | 0,69  | 0,79  | 0,84  | 0,96  |
| 200               | 0,76  | 0,79  | 0,79  | 0,79  | 0,91  | 0,99  | 1,15  |
| 100               | 0,86  | 0,91  | 0,91  | 0,91  | 1,15  | 1,15  | 1,15  |
| 50                | 0,95  | 0,95  | 0,95  | 0,95  | 1,15  | 1,15  | 1,15  |
| 20                | 1,15  | 1,15  | 1,15  | 1,15  | 1,15  | 1,15  | 1,15  |

Large choice  
of reduction  
ratios!  
Up to 625:1

### DISCOUNTS

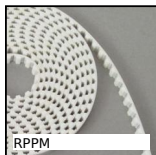
| Qty        | 1+   | 2+   | 4+         | 6+ |
|------------|------|------|------------|----|
| Disc. List | -15% | -20% | On request |    |

| Part number | Ratios   | Max. input speed (rpm) | Max. output speed (rpm)          | Efficiency at 1000 rpm | Direction of input/output rotation | Price each |          |
|-------------|----------|------------------------|----------------------------------|------------------------|------------------------------------|------------|----------|
|             |          |                        |                                  |                        |                                    | J          | XJ       |
| J53-140     | XJ53-140 | 140:1                  | 4000                             | 29                     | 85%                                | Same       | 625,81 € |
| J53-160     | XJ53-160 | 160:1                  | 4000                             | 25                     | 85%                                | Same       | 625,81 € |
| J53-200     | XJ53-200 | 200:1                  | 4000                             | 20                     | 85%                                | Same       | 625,81 € |
| J53-300     | XJ53-300 | 300:1                  | 4000                             | 13                     | 85%                                | Same       | 625,81 € |
| J53-400     | XJ53-400 | 400:1                  | 4000                             | 10                     | 85%                                | Same       | 625,81 € |
| J53-500     | XJ53-500 | 500:1                  | 4000                             | 8                      | 85%                                | Same       | 625,81 € |
| J53-625     | XJ53-625 | 625:1                  | 4000                             | 6,40                   | 85%                                | Same       | 625,81 € |
| J53-SP      | XJ53-SP  | 1:1 - 625:1            | Special ratios from 1:1 to 625:1 |                        |                                    |            | 715,35 € |

Dimensions in mm

On request

## Our other products



RPPM

RPP type belt per metre, RPP14 Steel cored polyurethane



RPC

Wheel, Polyamide



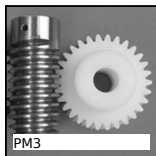
ADL\_F

Female eye bolt conforms to DIN582, Stainless steel



VTHbr

Hexagonal headed screw VTH - DIN933, Brass



PM3

Worm and wheel set, Machined plastic (delrin)



PP60

Worm and wheel gear reducer, from 17.80 to 34 Nm



STL

Guidance brush - Rail, Rail



NSO

Housing for open linear bearing, Opened - long



TAC\_SS

Stainless steel rigging screw (hook/eye),



PWC

Powercoil thread inserts, Kit Powercoil -



PSG15S

Spur gear - precision range, Stainless steel



FIRSTDC1Q60

Speed controller 10A, 10 A

## Complementary products



J52

Spur gear coaxial gearbox, from 0.27 to 0.90 Nm - Inline



J64

Spur gear coaxial gearbox, from 0.57 to 2.25 Nm - Inline