PEZIC TECH SOLUTIONS

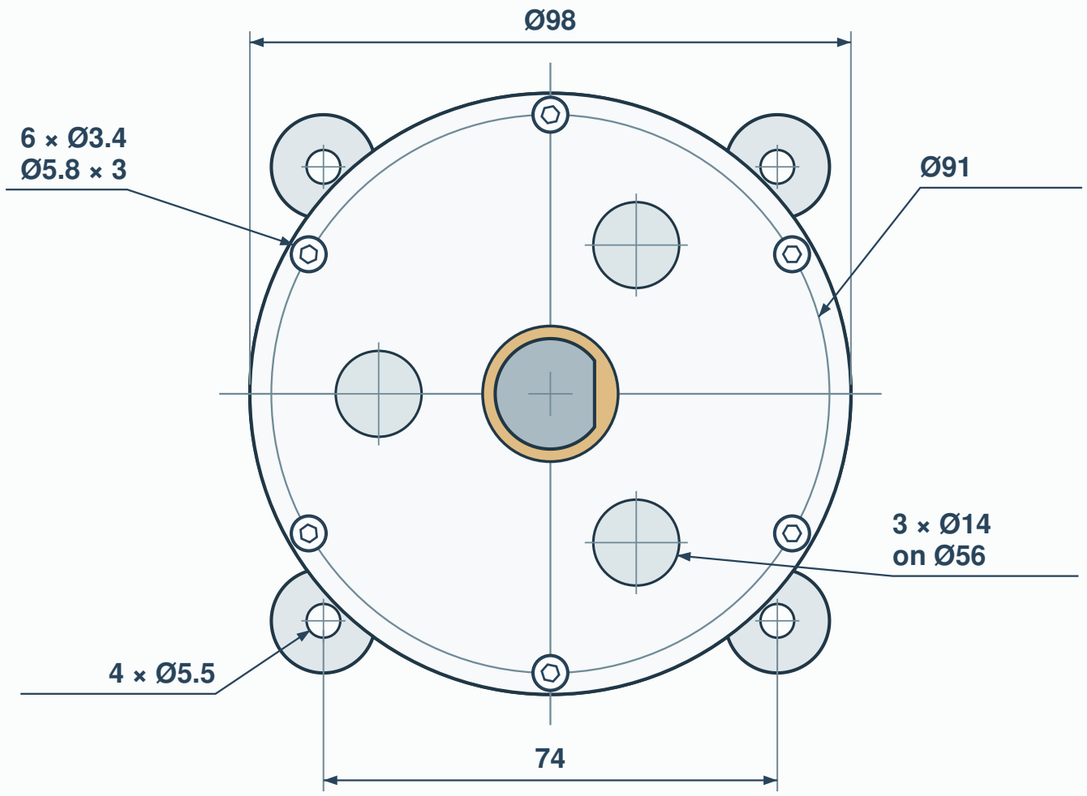
Planetary gearbox

PZ-04

ENGINEERING DRAWING · PROTOTYPE

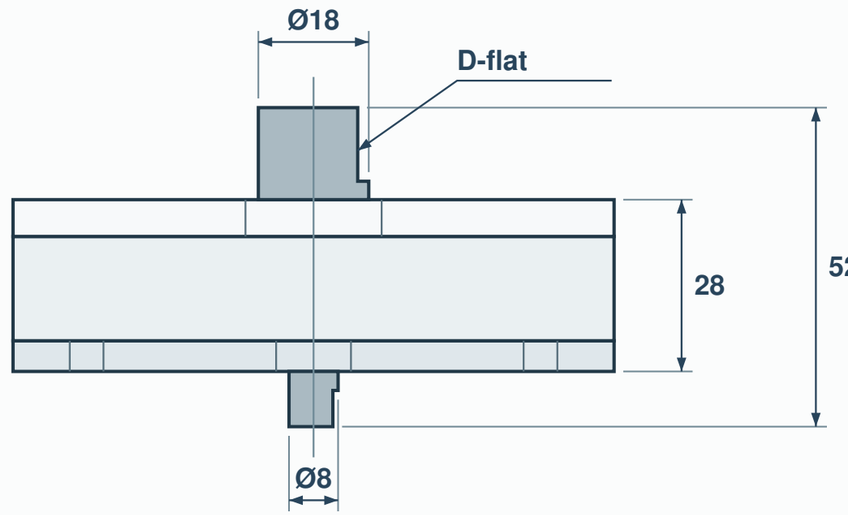
TOP VIEW

1 : 1



SIDE VIEW

1 : 1

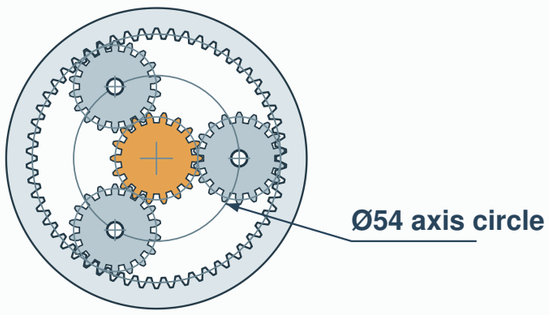


Bushing bores
Ø22.2 in cover / Ø12.2 in base

Housing thicknesses
Base 5 / ring gear 17 / cover 6

EXPOSED GEAR STAGE

1 : 2



Component	Qty	Teeth	Pitch Ø
Sun gear	1	18	27
Planet gear	3	18	27
Ring gear	1	54	81

REDUCTION RATIO

4 : 1

Module m = 1.5 mm / pressure angle α = 20°

Fixed ring gear, output at planet carrier.

DIMENSIONS IN MILLIMETRES

Bushings and screws are shown schematically. The scale applies when printed on A3 at actual size.

A3 / SHEET 01

DEVELOPMENT PROTOTYPE