FF10

Parallel Offset Gear Reducers

ondrives

Precision Gears

21.6mm Centres Parallel Offset Gear Reducers

5mm Input Shaft 8mm Output Bore • T_{2n} 0.9Nm – 3.1Nm ***2:1 - 7:1***

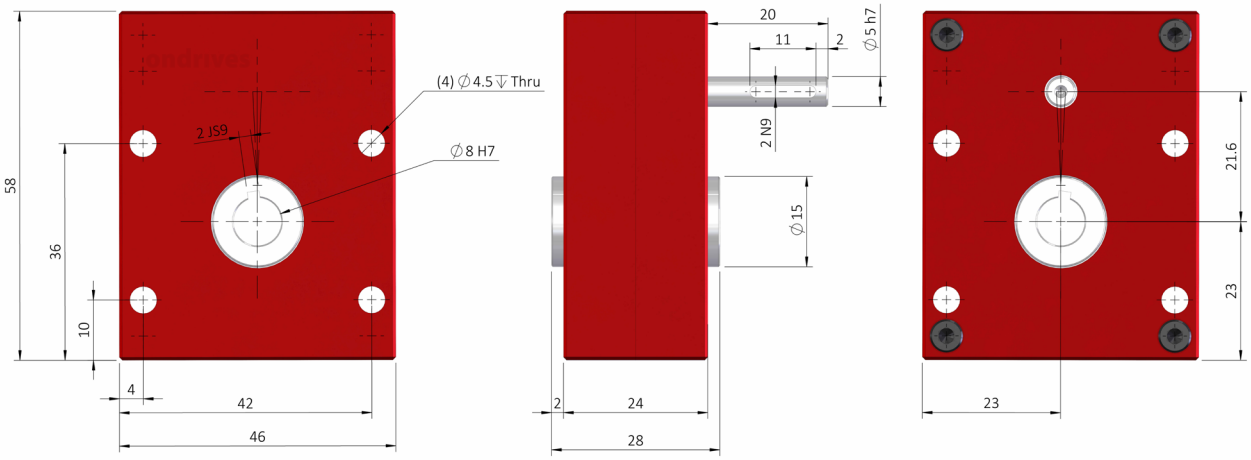
Spur - Helical Gears.

Standard Versions - Standard Torque

Steel Gears, will give you good levels of strength and torque in use.

XH Versions - High Torque

Hardened Gears, will give you high levels of strength and torque in use.



	Part Numbers				
Output Backlash j	**Output Backlash j A**	**Output Backlash j AR**	**Gear Ratio i**	**Efficiency ηz**	**Torque Version**
≤0.50°	**≤0.16°**	**≤0.08°**		**n1nom**	
FF10-2	FF10-2A	FF10-2AR	2:1	93%	Std
FF10-3	FF10-3A	FF10-3AR	3:1	93%	Std
FF10-4	FF10-4A	FF10-4AR	4:1	93%	Std
FF10-5	FF10-5A	FF10-5AR	5:1	93%	Std
FF10-6	FF10-6A	FF10-6AR	6:1	93%	Std
FF10-7	FF10-7A	FF10-7AR	7:1	93%	Std
FF10-XH-2	FF10-XH-2A	FF10-XH-2A	2:1	93%	High
FF10-XH-3	FF10-XH-3A	FF10-XH-3A	3:1	93%	High
FF10-XH-4	FF10-XH-4A	FF10-XH-4A	4:1	93%	High
FF10-XH-5	FF10-XH-5A	FF10-XH-5A	5:1	93%	High
FF10-XH-6	FF10-XH-6A	FF10-XH-6A	6:1	93%	High
FF10-XH-7	FF10-XH-7A	FF10-XH-7A	7:1	93%	High

Weight: 0.23kg.
Nom. Input Speed [S5 T_2n] n1nom: 1,000 min^{-1} (r/min)
Max. Input Speed n1max: 2,000 min^{-1} (r/min)
Lubrication: Grease Shell Gadus S5 V42P 2.5
Lubrication Temperature: Max. Operating ≈ 60°c
Max. Input Radial Load F_{r1} : 20N.
Max. Output Radial Load F_{r2} : 100N.
Max. Output Axial Load F_{a2} : 100N.

Testing in your application is necessary.
You will need to assess duty cycles and confirm suitability with your own calculations.
Figures listed are for guidance only.
Cooling may be needed dependent on application.

ondrives
Precision Gears
T: +44 1246 455500
sales@ondrives.com www.ondrives.com

Updated January 2024 subject to change for use as a guide only.

ondrives

Precision Gears

FF10

Parallel Offset Gear Reducers

21.6mm Centres Parallel Offset Gear Reducers

5mm Input Shaft 8mm Output Bore • T_{2n} 0.9Nm – 3.1Nm ***2:1 - 7:1***