



PLANETARY GEARHEAD

Metal Version

GP42._ _ _ _

TRIDENT ENGINEERING LIMITED
Trident House, King Street Lane,
Winnersh, Wokingham,
Berkshire, RG41 5AS

Telephone: 0118 978 6444

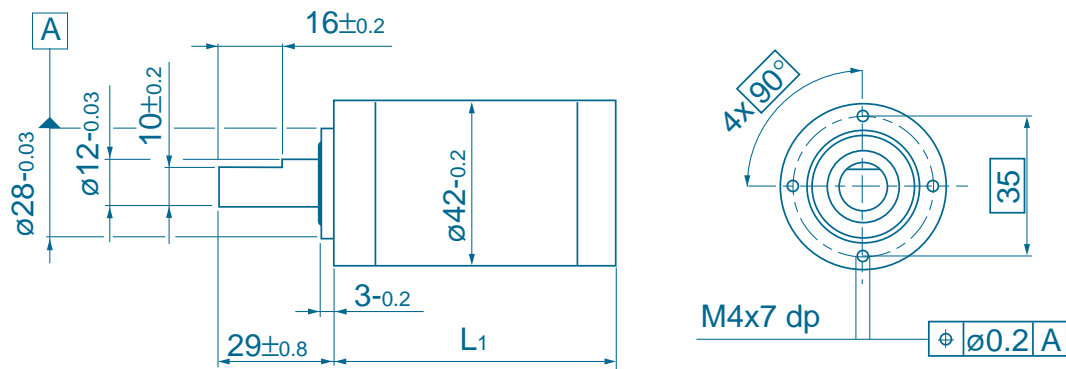
Fax: 0118 977 6345

Email: sales@tridenteng.co.uk

www.tridenteng.co.uk

General data					Product combinations			
Planetary gearhead	straight teeth			Escap 35NT2R32				
Bearing at output	ball bearing			Escap 35NT2R82				
Radial play, 15 mm from flange	0.02			mm				
Axial play	max 0.05			mm				
Max. perm. radial load, 12.5 mm from flange	294			N				
Max. perm. axial load	294			N				
Max. perm. force for press fits	294			N				
Backlash no load per stage	<0.7			°				
Recommended input speed	<5000			rpm				
Recommended temperature range	-20/+80			°C				

Gearhead Order No	Ratio reduction	Exact ratio	Number of stages	Efficiency [%]	Maximum torque continuous [Nm]	Maximum torque intermittent [Nm]	Weight [g]	L1 [mm]
GP42.0004	4.33:1	13/3	1	85	2.94	5.88	415	72.50
GP42.0015	14.9:1	729/49	2	75	7.84	11.76	560	94.00
GP42.0023	23.16:1	162/7	2	75	7.84	11.76	560	94.00
GP42.0036	36:1	36	2	75	7.84	11.76	560	94.00
GP42.0072	72.38:1	507/7	3	68	14.70	24.50	720	115.50
GP42.0100	100.28:1	702/7	3	68	14.70	24.50	720	115.50
GP42.0156	156:1	156	3	68	14.70	24.50	720	115.50
GP42.0216	216:1	216	3	68	14.70	24.50	720	115.50



Notes