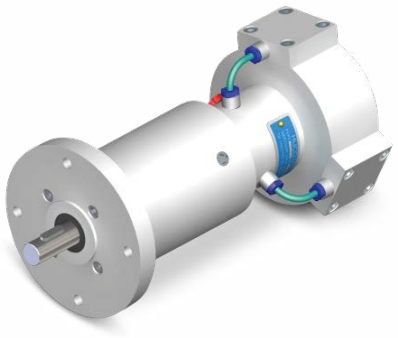
Key Data: Dynatork 1 Acetal - Motor Ref: 911.15

Maximum diameter (mm)	122
Output shaft dia.(mm)	14
Output shaft effective length (mm)	36
Maximum radial shaft load (N)	520
at (L) distance from face (mm)	10
Max. continuous output torque (Nm)	40
Weight 1 stage (kg)	4.5
Weight 2 stage (kg)	5
Weight 3 stage (kg)	5.5
Lubrication	Non-Lube: for use with a dry, clean, non-lubricated air supply (can be used in lubricated system)

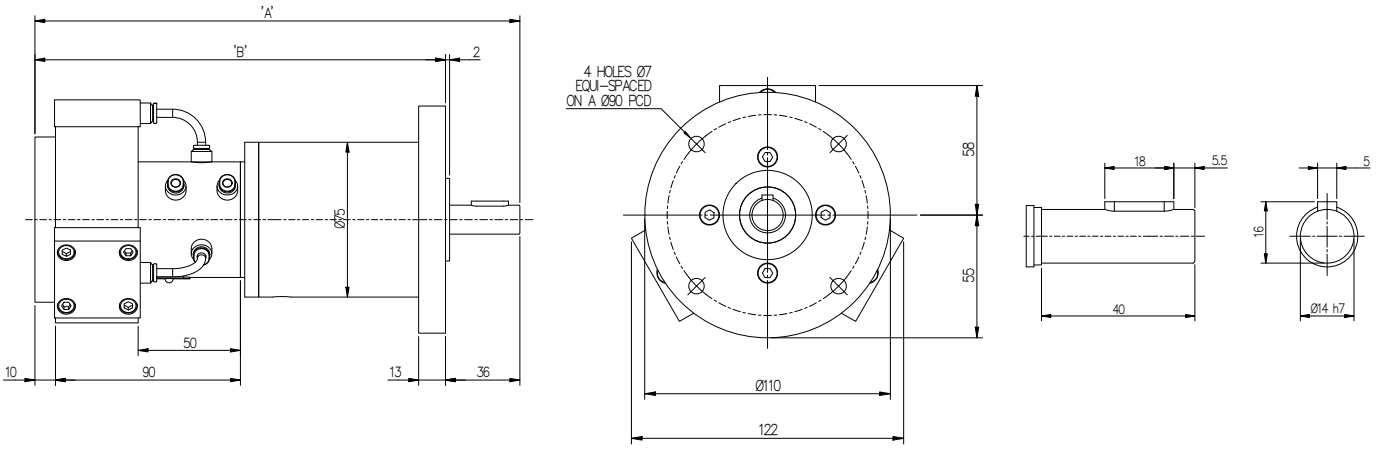


- **Robust, Compact and efficient planetary gear units**
- **Ratios from 3.7:1 to 308:1**
- **Output speeds from 0.64 to 162 rev/min**
- **Maximum continuous output torque for single stage gearboxes is 8Nm, two stage 25Nm and three stage 40Nm.**

Piston Service Kit



Order Ref. 909.15



911.15	Dim A	Dim B
1-Stage	225mm	199mm
2-Stage	241mm	215mm
3-Stage	257mm	231mm

HOW TO ORDER

Combine the MOTOR REF. with the RATIO ORDER REF. found in the Speed/ Ratio selection table, eg - **911.15.09**

= non lube, three stage, 93:1 ratio

Speed/Ratio Selection		Ratio Order Ref										
Motor ref:	911.15	01	02	03	04	05	06	07	08	09	10	11
Ratio:1 / rev/min		3.7	6.75	13.73	19.2	25	29	46	51	93	169	308
600	•	162.2	88.9	43.7	31.3	24	20.7	13.0	11.8	6.5	3.6	1.9
500	•	135.1	74.1	36.4	26.0	20	17.2	10.9	9.8	5.4	3.0	1.6
400	•	108.1	59.3	29.1	20.8	16	13.8	8.7	7.8	4.3	2.4	1.3
300	•	81.1	44.4	21.8	15.6	12	10.3	6.5	5.9	3.2	1.8	1.0
200	•	54.1	29.6	14.6	10.4	8	6.9	4.3	3.9	2.2	1.2	0.6
		Single Stage		Two Stage					Three Stage			

For Output Torque

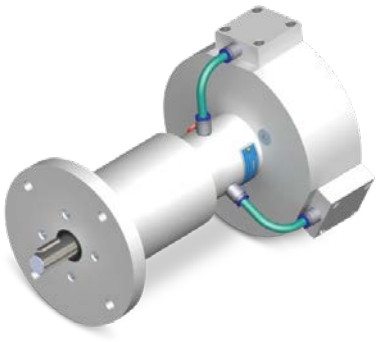
1 Locate the motor speed on the torque/speed graph on page 6 (size 1) or page 8 (size 3)

2 Select the appropriate input air pressure curve and, for the chosen speed, read off the torque on the vertical axis

3 Multiply this value by the chosen ratio to give the output torque

Key Data: Dynatork 3 Acetal - Motor Ref: 911.35

Maximum diameter (mm)	212
Output shaft dia.(mm)	19
Output shaft effective length (mm)	40
Maximum radial shaft load (N)	600
at (L) distance from face (mm)	20
Max. continuous output torque (Nm)	80
Weight 1 stage (kg)	5.5
Weight 2 stage (kg)	6.5
Weight 3 stage (kg)	8.5
Lubrication	Non-Lube: for use with a dry, clean, non-lubricated air supply (can be used in lubricated system)

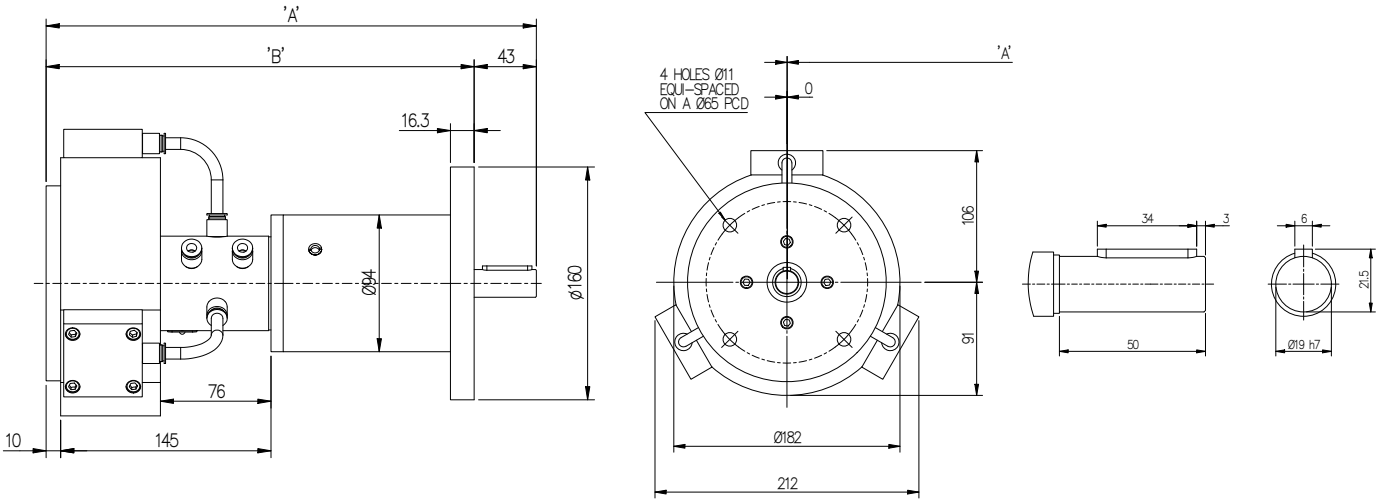


- **Robust, Compact and efficient planetary gear units**
- **Ratios from 3.7:1 to 308:1**
- **Output speeds from 0.6 to 162.2 rev/min**
- **Maximum continuous output torque for single stage gearboxes is 20Nm, two stage 60Nm and three stage 80Nm.**

Piston Service Kit



Order Ref. 909.35



911.35	Dim A	Dim B
1-Stage	337mm	295mm
2-Stage	359mm	316mm
3-Stage	380mm	338mm

HOW TO ORDER

Combine the MOTOR REF. with the RATIO ORDER REF. found in the Speed/ Ratio selection table, eg - **911.35.09**

= non lube, three stage, 93:1 ratio

Speed/Ratio Selection		Ratio Order Ref										
Motor ref:	911.35	01	02	03	04	05	06	07	08	09	10	11
Ratio:1 / rev/min		3.7	6.75	13.73	19.2	25	29	46	51	93	169	308
600	•	162.2	88.9	43.7	31.3	24	20.7	13.0	11.8	6.5	3.6	1.9
500	•	135.1	74.1	36.4	26.0	20	17.2	10.9	9.8	5.4	3.0	1.6
400	•	108.1	59.3	29.1	20.8	16	13.8	8.7	7.8	4.3	2.4	1.3
300	•	81.1	44.4	21.8	15.6	12	10.3	6.5	5.9	3.2	1.8	1.0
200	•	54.1	29.6	14.6	10.4	8	6.9	4.3	3.9	2.2	1.2	0.6
		Single Stage		Two Stage					Three Stage			

For Output Torque

1 Locate the motor speed on the torque/speed graph on page 6 (size 1) or page 8 (size 3)

2 Select the appropriate input air pressure curve and, for the chosen speed, read off the torque on the vertical axis

3 Multiply this value by the chosen ratio to give the output torque