

Piston Ø Piston rod thread Ports Piston rod Ø	125 mm M27x2 G 1/2 30 mm	160 mm M36x2 G 3/4 40 mm	200 mm M36x2 G 3/4 40 mm
Stroke 25	R422703160	-	-
50	7472408219	7472408208	7472408361
75	7472017000	7472018014	7472019014
80	-	-	-
100	7471316303	7472408363	7472408364
125	7472408214	7472411000	7472408203
150	R422709768	7472408207	-
200	7472408217	-	R422702875
250	-	-	-
300	7471314424	7472408137	7472409554
350	7472411257	-	-
400	7472408218	7472406567	7472408205
450	-	-	-
500	R422703390	7472408209	7472408206

Other versions can be ordered from AVENTICS sales offices.

Technical data

Piston Ø	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Retracting piston force	435 N	600 N	1077 N	1724 N	2927 N	4503 N	7286 N
Extracting piston force	507 N	792 N	1237 N	1964 N	3167 N	4948 N	7731 N
Weight 0 mm stroke	0.38 kg	0.75 kg	1.1 kg	1.93 kg	2.03 kg	4.2 kg	5.06 kg
Weight +10 mm stroke	0.035 kg	0.055 kg	0.068 kg	0.086 kg	0.137 kg	0.183 kg	0.202 kg
Stroke max.	1600 mm	1900 mm	2100 mm	2500 mm	2600 mm	2600 mm	2600 mm

Piston Ø	160 mm	200 mm
Retracting piston force	11875 N	19000 N
Extracting piston force	12667 N	19792 N
Weight 0 mm stroke	11.6 kg	14.5 kg
Weight +10 mm stroke	0.352 kg	0.54 kg
Stroke max.	2600 mm	2600 mm

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

You will find the order key and all valid configurations (customer information) in the Media Centre.