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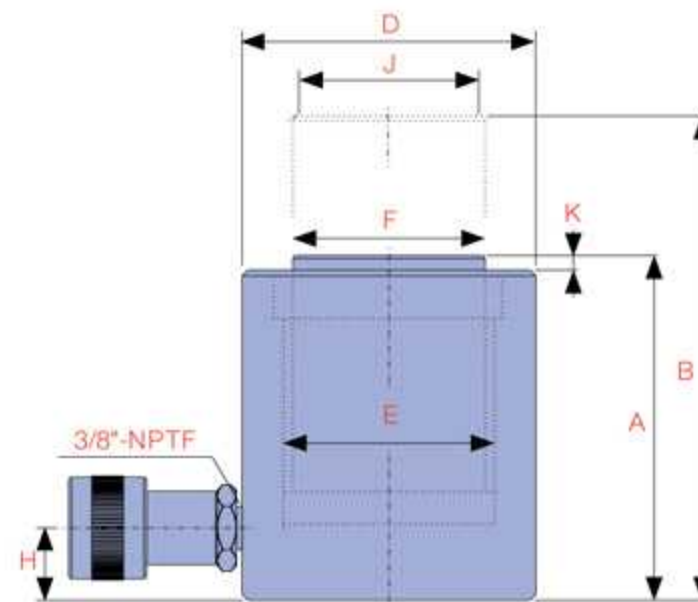
CYLINDERS



EXCEEDS
ANSI/ASME B30.1
SAFETY
STANDARDS

THE **AR-SERIES** IS A LIGHTWEIGHT HIGH STRENGTH ALUMINIUM SPRING RETURN CYLINDER THAT IS IDEAL FOR USE IN APPLICATIONS WHERE WEIGHT AND PORTABILITY ARE PARAMOUNT.

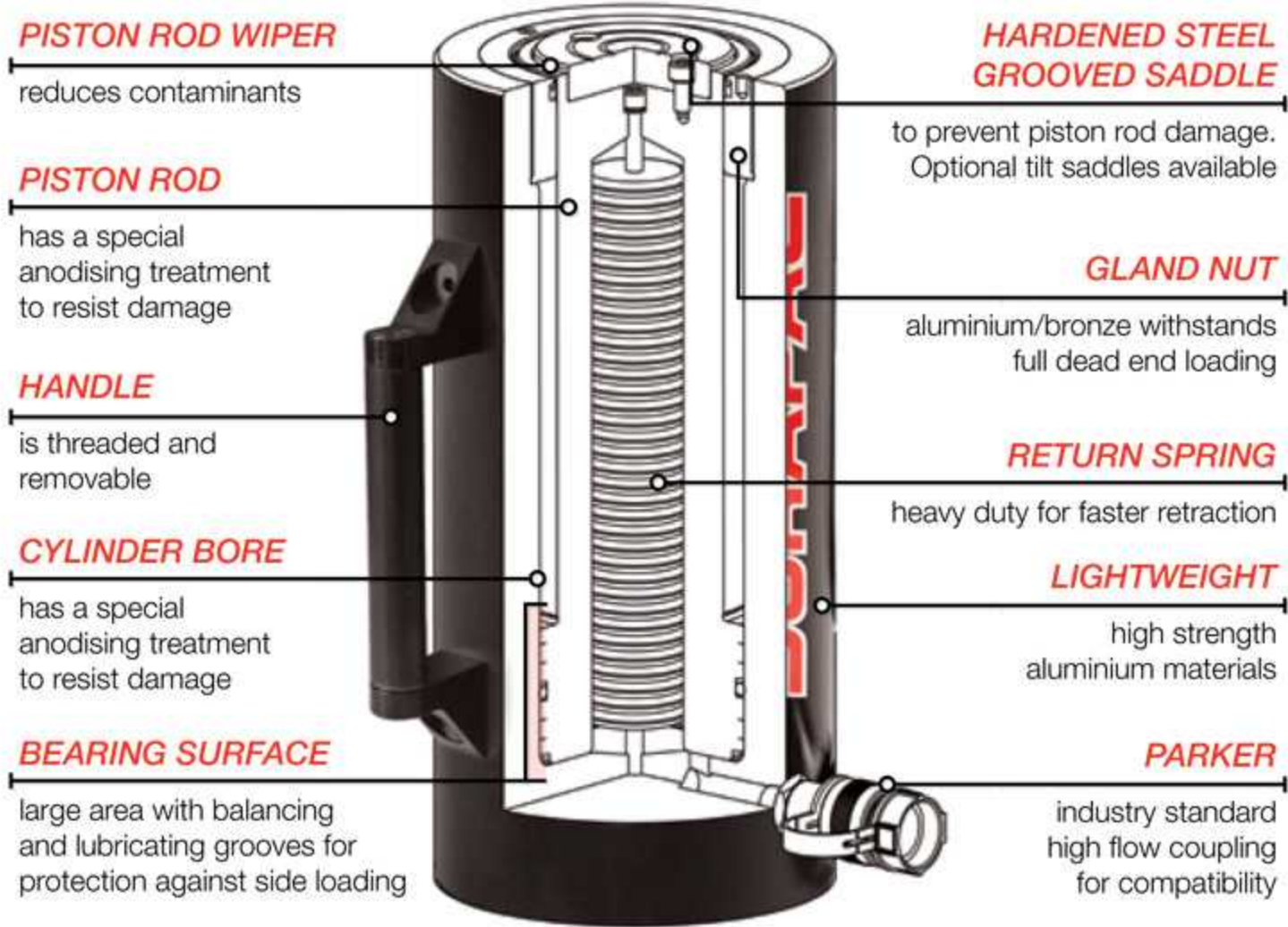
A special anodising treatment on the piston rod, cylinder bore and body resists damage and extends cylinder life. AR-Series cylinders can be used in applications such as axle correction, bridge jacking, machinery maintenance and other non production applications.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	
AR-302	30	293	50	41.9	213	168	218	114
AR-304		293	101	41.9	426	229	330	114
AR-306		293	152	41.9	639	270	422	114
AR-308		293	203	41.9	852	320	523	114
AR-3010		293	254	41.9	1,065	371	625	114
AR-502	50	498	50	71.2	360	168	218	139
AR-504		498	101	71.2	723	229	330	139
AR-506		498	152	71.2	1,085	270	422	139
AR-508		498	203	71.2	1,445	320	523	139
AR-5010		498	254	71.2	1,809	371	625	139
AR-752	75	678	50	96.8	492	168	218	165
AR-754		678	101	96.8	985	229	330	165
AR-756		678	152	96.8	1,477	270	422	165
AR-758		678	203	96.8	1,969	320	523	165
AR-7510		678	254	96.8	2,463	371	625	165
AR-1002	100	931	50	133.0	675	168	218	203
AR-1004		931	101	133.0	1,351	229	330	203
AR-1006		931	152	133.0	2,027	270	422	203
AR-1008		931	203	133.0	2,702	320	523	203
AR-10010		931	254	133.0	3,379	371	625	203

AR-SERIES CONTINUED ON NEXT PAGE

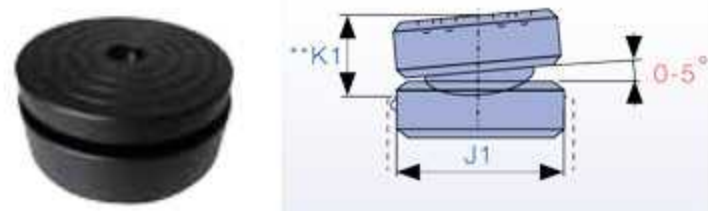
* Nominal Cylinder Capacity in ton - see kN values for actual capacity



CAPACITY
30 - 150 ton

STROKE
50 - 254 mm

MAXIMUM OPERATING PRESSURE
700 bar



E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	Optional Tilt Saddle			Weight (kg)
					Model Number	J1 Diameter (mm)	**K1 Height (mm)	
73.2	63.5	38	51	3	-	-	-	5.0
73.2	63.5	38	51	3	-	-	-	6.8
73.2	63.5	38	51	3	-	-	-	7.1
73.2	63.5	38	51	3	-	-	-	9.0
73.2	63.5	38	51	3	-	-	-	11.3
92.2	79.4	38	64	3	ATS-50	60	30	7.4
92.2	79.4	38	64	3	ATS-50	60	30	9.6
92.2	79.4	38	64	3	ATS-50	60	30	11.4
92.2	79.4	38	64	3	ATS-50	60	30	13.6
92.2	79.4	38	64	3	ATS-50	60	30	15.4
111.3	98.4	38	76	3	ATS-75	73	30	10.0
111.3	98.4	38	76	3	ATS-75	73	30	13.0
111.3	98.4	38	76	3	ATS-75	73	30	15.8
111.3	98.4	38	76	3	ATS-75	73	30	19.0
111.3	98.4	38	76	3	ATS-75	73	30	22.7
130.3	108.0	38	89	3	ATS-100	82	30	16.0
130.3	108.0	38	89	3	ATS-100	82	30	19.4
130.3	108.0	38	89	3	ATS-100	82	30	23.0
130.3	108.0	38	89	3	ATS-100	82	30	27.2
130.3	108.0	38	89	3	ATS-100	82	30	30.6

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)

Did you know...

Durapac has a range of aluminium lightweight pumps to suit the aluminium cylinder range.



Caution...

Lightweight aluminium cylinders are *not* designed for production applications. Refer to Durapac for information relating to high cycle applications.