

# ISO 15552 CYLINDERS – TYPE A (EX ISO 6431)



ISO 15552 cylinders, featuring a barrel with longitudinal slots on three sides for inserting and securing retractable sensors. The same slots can also be used for valves and other mechanical parts.

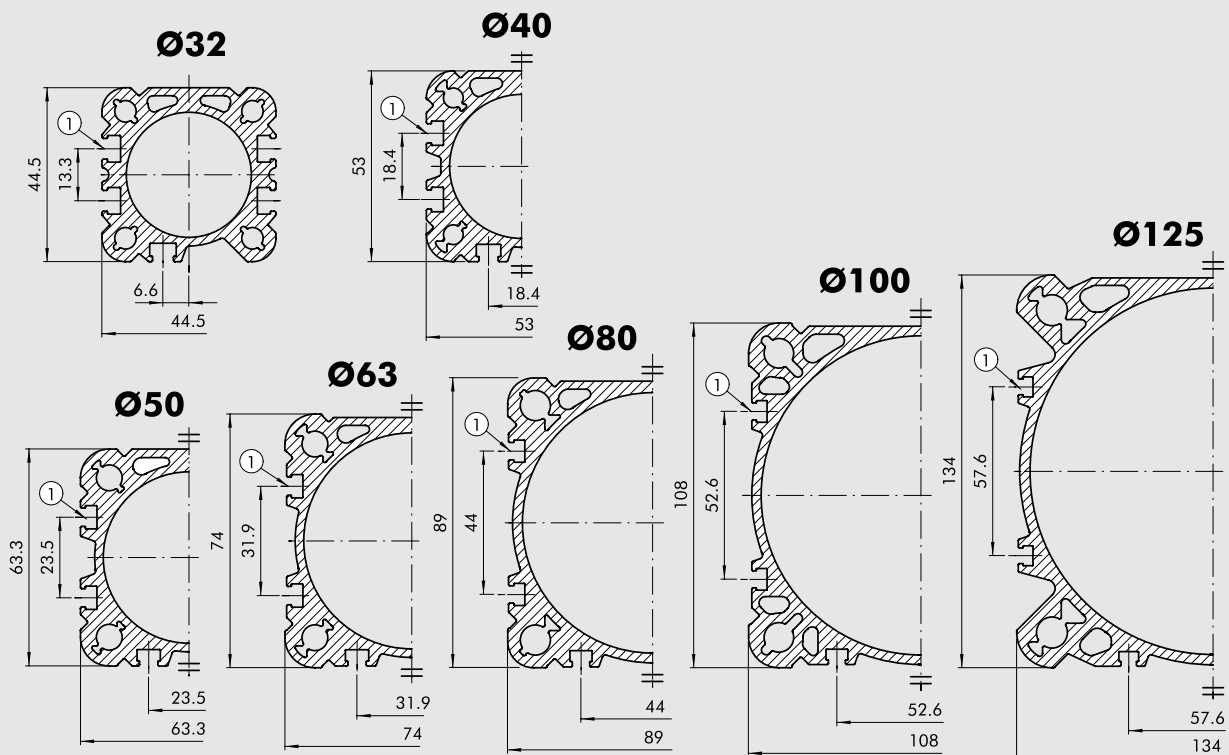


ACTUATORS

ISO 15552 CYLINDERS – TYPE A

## BARREL CROSS SECTION

① SLOTS FOR RETRACTABLE SENSOR



KEY TO CODES CYLINDER ISO 15552 TYPE "A"

CYL	1 2 1 TYPE	A	3 2 BORE	0 0 5 0 STROKE	C MATERIAL	P GASKETS
	121 Double-acting, cushioned	A Standard	32	For the maximum suppliable strokes, look at the technical data	A C45 chromed rod, aluminium piston rod: standard for all cylinders with $\geq 1000$ mm-stroke cylinders and for cylinder with $\varnothing 80$ mm and over	N NBR gaskets
	122 Through-rod	▲ B No stick slip	40		C C45 chromed rod, technopolymer piston: standard for cylinders of $\varnothing 32$ to $63$ mm with $< 1000$ mm strokes	P Polyurethane gaskets
	124 Double-acting, non-cushioned	C Non-magnetic	50			Z Stainless steel piston rod and nut aluminium piston
	125 Opposed		63		X Stainless steel piston rod and nut technopolymer piston	
	+ 126 Single-acting		80			
	127 Tandem		A1 = $\varnothing 100$ A2 = $\varnothing 125$			
	134 Rod lock version					
	* 136 Version with piston rod lock					
	* ♦ 137 Piston rod lock + guide unit					

- Only available for versions with aluminium piston (A or Z)
- ▲ Available until  $\varnothing 63$  and only the versions with piston in aluminum (A or Z)
- \* For speeds lower than 0.2 m/s, to prevent surging. Use no-lubricated air only
- ♦ Available up to  $\varnothing 100$
- \* Not available for gaskets V or B

KEY TO CODES CYLINDER ISO 15552 LOW-FRICTION TYPE "A"

CYL	1 2 9	A TYPE	3 2 BORE	0 0 5 0 STROKE	C MATERIAL	P GASKETS
		A Low friction, type A	32	$\varnothing 32$ to $80$ stroke 1 to $2800$ mm $\varnothing 100$ to $125$ stroke 1 to $2600$ mm	A C45 chromed rod, aluminium piston rod: standard for all cylinders with $\geq 1000$ mm-stroke cylinders and for cylinder with $\varnothing 80$ mm and over	N NBR gaskets
		B Low friction, type B	40		C C45 chromed rod, technopolymer piston: standard for cylinders of $\varnothing 32$ to $63$ mm with $< 1000$ mm strokes	P Polyurethane gaskets
		C Low friction, type C	50			Z Stainless steel piston rod and nut aluminium piston
		D Low friction, type D	63		X Stainless steel piston rod and nut technopolymer piston	
		E Low friction, type E	80			
		F Low friction, type F	A1 = $\varnothing 100$ A2 = $\varnothing 125$			

KEY TO CODES CYLINDER ISO 15552 LONG-CUSHIONING TYPE "A"

CYL	1 3 0	A TYPE	3 2 BORE	0 0 5 0 STROKE	A MATERIAL	P GASKETS
		A 200 mm front/rear cushioning cone – 200 mm ext.	32	1 to $2600$ mm	A C45 chromed rod, aluminium piston rod for all sizes	N NBR gaskets
		B 150 mm front/rear cushioning cone – 150 mm ext.	40		Z Stainless steel piston rod and nut aluminium piston	P Polyurethane gaskets
		C 100 mm front/rear cushioning cone – 100 mm ext.	50			V FKM/FPM gaskets
		D 150 mm front/rear cushioning cone – 200 mm ext.	63			
		E 100 mm front/rear cushioning cone – 200 mm ext.				
		F 50 mm front/rear cushioning cone – 100 mm ext.				
		G 100 mm front/rear cushioning cone – 150 mm ext.				
		H 200 mm front cushioning cone – 200 mm ext.				
		I 150 mm front cushioning cone – 150 mm ext.				
		L 100 mm front cushioning cone – 100 mm ext.				
		M 150 mm front cushioning cone – 200 mm ext.				
		N 100 mm front cushioning cone – 150 mm ext.				
		O 50 mm front cushioning cone – 100 mm ext.				
		Q 200 mm rear cushioning cone – 200 mm ext.				
		R 150 mm rear cushioning cone – 150 mm ext.				
		S 100 mm rear cushioning cone – 100 mm ext.				
		T 150 mm rear cushioning cone – 200 mm ext.				
		U 100 mm rear cushioning cone – 200 mm ext.				
		V 50 mm rear cushioning cone – 100 mm ext.				