

ISO 15552 CYLINDER

Cylinders made to ISO 15552 available in various versions and with a wide range of accessories:

- Configuration with or without magnet
- Single-or double acting – single-or through-rod
- Wide choice of NBR, POLYURETHANE and FKM/FPM gaskets (for high temperatures), for LOW TEMPERATURE
- Piston rod scrapers for use in hostile environments available
- Special versions on request
- Fixing accessories, guide units and mechanical rod lock.

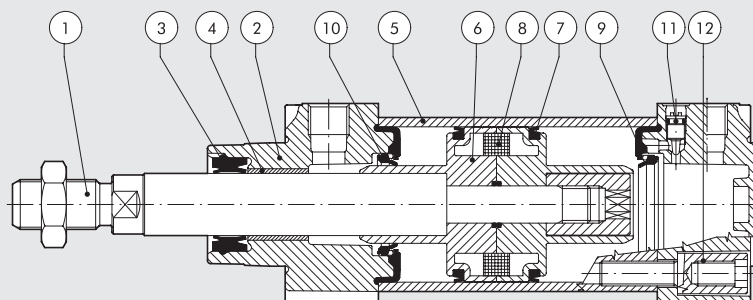
They are available in three versions, series STD, type A, series 3, which differ according to the shape of the barrel and, consequently, the type of sensors and accessories that can be mounted.



TECHNICAL DATA		Ø32	Ø40	Ø50	Ø63	Ø80	Ø100	Ø125
Max operating pressure	bar					10		
	MPa					1		
	psi					145		
Temperature range	POLYURETHANE °C					-25 to +80		
	NBR °C					-10 to +80		
	FKM/FPM °C					-10 to +150 (non-magnetic cylinders)		
	Low Temperature °C					-40 to +80		
	Other piston rod gasket °C					See next page		
Design		Heads with Tap Tite screws						
Fluid		Unlubricated air. Lubrication, if used, must be continuous						
Standard stroke †	single-acting mm	1 to 250	1 to 250	1 to 250	1 to 250	-	-	-
	double-acting with spring mm	1 to 250	1 to 250	1 to 250	1 to 250	-	-	-
	double-acting mm	1 to 2800	1 to 2800	1 to 2800	1 to 2800	1 to 2800	1 to 2600	1 to 2600
Versions		Double-acting cushioned, Double-acting cushioned with spring, extended or retracted piston rod, Single-acting extended or retracted rod cushioned, Through-rod cushioned, Long cushioning, High-temperature, Protective bellows, Rod lock, Oil seal, Through-rod oil seal, Low friction, No stick-slip.						
Sensor magnet		All versions come complete with magnet. Supplied without magnet on request.						
Inrush pressure	bar	0.4	0.4	strokes < 1500 mm: 0.3		strokes < 1500 mm: 0.2		
	bar			strokes > 1500 mm: 0.4		strokes > 1500 mm: 0.4		
	for type-R gasket bar	1.5	1	1	0.8	0.5	0.5	0.5
Forces generated at 6 bar thrust/retraction		See cylinder "General technical data" at the beginning of the chapter						
Weights		See cylinder "General technical data" at the beginning of the chapter						
Notes		For speeds lower than 0.2 m/s to prevent surging, use the version No stick-slip and non-lubricated air.						
		† Maximum recommended strokes. Higher values can create operating problems						

COMPONENTS

- PISTON ROD: C45 steel or stainless steel, thick chromed
- HEAD: die cast aluminium
- PISTON ROD GASKET: polyurethane, NBR, FKM/FPM, FKM/FPM with metal scraper
- GUIDE BUSHING: steel strip with bronze and PTFE insert
- BARREL: drawn anodized calibrated aluminium
- HALF-PISTON: self-lubricating technopolymer with built-in cushioning olives (aluminium with PTFE pad for diameters 80-100-125)
- PISTON GASKET: polyurethane, NBR or FKM/FPM
- MAGNET: plastoferrite
- BUFFER + Static O-rings: NBR or FKM/FPM
- CUSHIONING GASKET: polyurethane, NBR or FKM/FPM
- CUSHIONING NEEDLE: OT 58 with needle out movement safety system even when fully open
- SCREWS: Tap Tite for assembly



OVERVIEW OF SEALS AND SCRAPERS

	Code identifier	Key feature	Applications	Gasket material	Temperature range	Notes
①	....N	General use.	Standard applications, also with humidity.	NBR	-10 to +80 °C	
②	....P	Long life.	Applications with long strokes or high number of cycles.	Polyurethane	-25 ÷ +80 °C	
③	....V	High temperatures - chemicals.	Industrial applications with chemical agents and/or at high temperatures.	FPM/FKM	-10 to +150 °C (non magnetic cylinders)	
④	....B	Low temperatures.	Applications in presence of low temperature such as in cold environments.	NBR	-40 to +80 °C	
⑦	....C	Dirt and dust. Reference name: COMBI	Applications in dirty and dusty environments.	Scraper made of technopolymer, the other seals are made of NBR.	-10 to +80 °C	Maximum recommended speed: 1 m/s
⑧	....R	Dirt and low temperatures. Reference name: HARD PU	Medium-Heavy duty applications, with presence of dirt and low temperatures, such as in agriculture or in transport sector.	Piston rod seal made of hard polyurethane, the other seals are made of polyurethane.	-25 to +80 °C	Low temperature versions for a minimum temperature of -35°C are available on request.
⑨	....M	Dirt and high temperature. Reference name: METAL	Heavy duty applications, in presence of hard dirt and high temperatures, like in cement plants, foundries or in transport sector.	Metal scraper, the other seals are made of FKM/FPM.	-10 to +150 °C	Not available in Ø 32. The scraper is housed in a special head.

SEALS USED IN OTHER FAMILIES OF ISO 15552 CYLINDERS

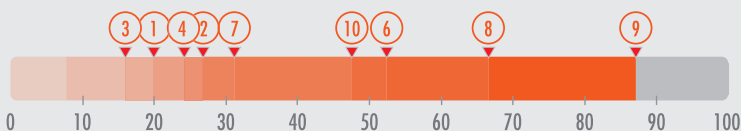
①	123.... only for series 3	Ultra low friction.	Textile industry, dandy devices, pneumatic springs.	NBR	-10 to +80 °C	
⑩	....BL and....WL	HCR (High Corrosion Resistance)	Food and Beverage sector, such as dairy industry.	Anti-stagnation scraper made of special polyurethane, the other seals are made of NBR.	-10 to +60 °C	
②	W184... W185...	INOX	Industrial applications with aggressive chemical agents.	Polyurethane	-20 to +80 °C	
③	W184V... W185V...	Stainless steel high temperature.	Industrial applications, in presence of chemicals and high temperatures requested, such as in chemical plants.	FKM/FPM	-10 to +150 °C	

SEALS AVAILABLE ON REQUEST

⑥	Only on request	Self lubricated.	Applications where the lubricants in the cylinder could be removed, such as in car washing plants.	Self lubricated tecnopolymer.	-30 to +80 °C	
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Anti-contamination Effect Indicators

An index of protection against the dirt that settles and adheres to the piston rod is provided for each version, on a 1 to 100 scale.

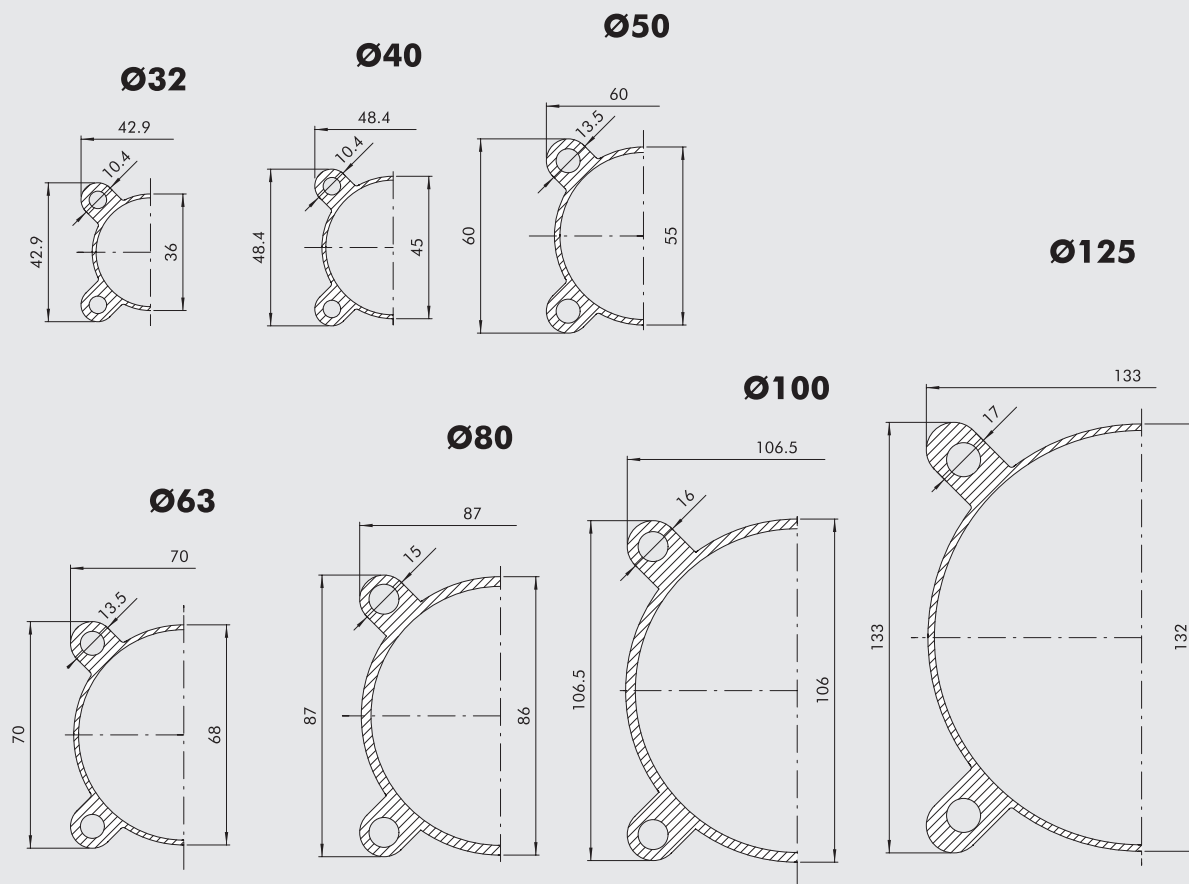


ISO 15552 CYLINDER SERIES STD

ISO 15552 cylinders, featuring a smooth barrel with no longitudinal slots. This means it is easier to clean the cylinder and there are fewer points where dirt can collect. Specific brackets are required for mounting magnetic sensors.



BARREL CROSS SECTION



KEY TO CODES

CYL	1 2 1	0	3 2	0 0 5 0	C	P	E
	TYPE	VERSION	BORE	STROKE	MATERIAL	GASKETS	
	120 Double-acting, cushioned, non-magnetic	0 Diameter	32	For the maximum suppliable strokes, look at the technical data	A C45 chromed piston rod, aluminium piston: standard for all cylinders with ≥ 1000 mm-stroke cylinders and for cylinder with Ø 80 mm and over	N NBR gaskets	+ ▽ E Single-acting extended rod or double-acting with spring, extended piston rod + ✕ R Double-acting with spring, retracted piston rod ★ 1 + Secure Lock with manual control ★ 2 + Secure Lock without manual control
	121 Double-acting, cushioned	S Non-magnetic	40				
●	122 Through-rod	▲ G No stick-slip	50				
	124 Double-acting, non-cushioned		63				
	125 Opposed		80				
+	126 Single-acting		■ 100				
	127 Tandem		■ 125				
▷	134 Version suitable for rod lock						
* ▷	136 Version with rod lock						
* ◆ ▷	137 Version suitable for rod lock + guide unit						
* ▷ ◆	154 Version suitable for bellow						
* ▷ ◆	156 Version with mounted bellow						
				C C45 chromed piston rod, technopolymer piston: standard for cylinders of Ø 32 to 63 mm with <1000 mm strokes	● B Low temperature "Combi" piston rod gasket		
				Z Stainless steel piston rod and nut aluminium piston	▶ R "Hard PU" piston rod gasket		
				X Stainless steel piston rod and nut technopolymer piston	● ◻ M "Metal" piston rod gasket		

- In the code of cylinder with letter in fourth position Ø 100 becomes A1; Ø 125 becomes A2
- Only available for versions with aluminium piston (A or Z)
- + Available until Ø 63 and only the versions with piston in aluminum (A or Z). The versions without the final "E" are to be considered with retracted piston rod
- Not available in Ø 32
- ▲ For speeds lower than 0.2 m/s, to prevent surging. Use no-lubricated air only.
- ◆ Available up to Ø 100
- * Not available for gaskets V or B
- ▷ Not available for single-acting and double-acting with spring versions
- ▽ Letter to be added only to the single acting extended piston rod version or double-acting with spring, extended piston rod
- ✕ Letter to be added only for the double-acting version with spring, retracted piston rod
- ★ Extra digit to be added only for types 136 with the "Secure Lock" device
- ◆ Maximum suppliable strokes: Ø 32 to 63: from 1 to 720 mm; Ø 80 to 125: from 1 to 840 mm
- ▶ The 126 (single-action) type and the (No-stick-slip) version G are not available

KEY TO CODES VERSION LOW-FRICTION

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

KEY TO CODES VERSION LONG-CUSHIONING

CYL	1 3 1	A	3 2	0 0 5 0	A	P
		TYPE	BORE	STROKE	MATERIAL	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			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		Z Stainless steel piston rod and nut aluminium piston	
		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.				

* Version valid only for types: Q, R, S, T, U and V.

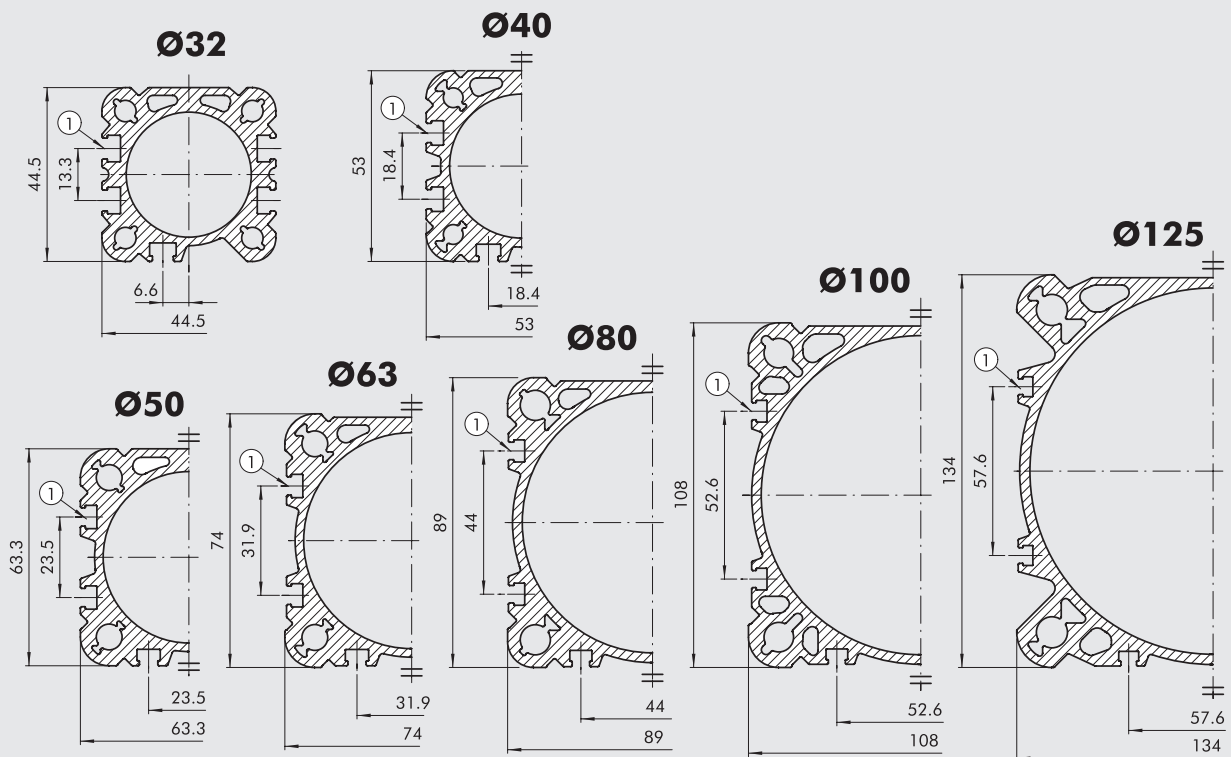
ISO 15552 CYLINDER TYPE A

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.



BARREL CROSS SECTION

① SLOTS FOR RETRACTABLE SENSOR



KEY TO CODES

CYL	1 2 1 TYPE	A VERSION	3 2 BORE	0 0 5 0 STROKE	C MATERIAL	P GASKETS	E
	121 Double-acting, cushioned	A Standard	32	For the maximum	A C45 chromed piston rod, aluminium piston:	N NBR gaskets	+ ▼ E Single-acting extended rod or double-acting with spring, extended piston rod
●	122 Through-rod	▲ B No stick-slip	40	suppliable strokes, look at the technical data	standard for all cylinders with ≥ 1000 mm-stroke cylinders and for cylinder with Ø 80 mm and over	P Polyurethane gaskets	+ ✖ R Double-acting with spring, retracted piston rod
	124 Double-acting, non-cushioned	C Non-magnetic	50		C C45 chromed piston rod, technopolymer piston:	V FKM/FPM gaskets	★ 1 + Secure Lock with manual control
	125 Opposed		63		standard for cylinders of Ø 32 to 63 mm with <1000 mm strokes	● B Low temperature "Combi" piston rod gasket	★ 2 + Secure Lock without manual control
+	126 Single-acting		80		Z Stainless steel piston rod and nut aluminium piston	▶ R "Hard PU" piston rod gasket	
▷	127 Tandem		A1 = Ø 100		X Stainless steel piston rod and nut technopolymer piston	● ◻ M "Metal" piston rod gasket	
* ▷	136 Version with rod lock		A2 = Ø 125				
* ◻ ▷	137 Version suitable for rod lock + guide unit						
* ▷ ◻	154 Version suitable for bellow						
* ▷ ◻	156 Version with mounted bellow						

- Only available for versions with aluminium piston (A or Z)
- +
- Available until Ø 63 and only the versions with piston in aluminium (A or Z). The versions without the final "E" are to be considered with retracted piston rod.
- ◻ Not available in Ø 32
- ▼ Letter to be added only to the single acting extended piston rod version or double-acting with spring, extended piston rod
- ✖ Letter to be added only for the double-acting version with spring, retracted piston rod
- ★ Extra digit to be added only for types 136 with the "Secure Lock" device
- ◊ Maximum suppliable strokes: Ø 32 to 63: from 1 to 720 mm; Ø 80 to 125: from 1 to 840 mm
- ▲ For speeds lower than 0.2 m/s, to prevent surging. Use no-lubricated air only.
- ◆ Available up to Ø 100
- * Not available for gaskets V or B
- ▷ Not available for single-acting and double-acting with spring versions
- ▶ The 126 (single-action) type and the (No-stick-slip) version B are not available

KEY TO CODES VERSION LOW-FRICTION

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

KEY TO CODES VERSION LONG-CUSHIONING

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 piston rod, aluminium piston	N NBR gaskets
		B 150 mm front/rear cushioning cone – 150 mm ext.	40		for all sizes	P Polyurethane gaskets
		C 100 mm front/rear cushioning cone – 100 mm ext.	50		Z Stainless steel piston rod and nut aluminium piston	* 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.				

* Version valid only for types: Q, R, S, T, U and V.

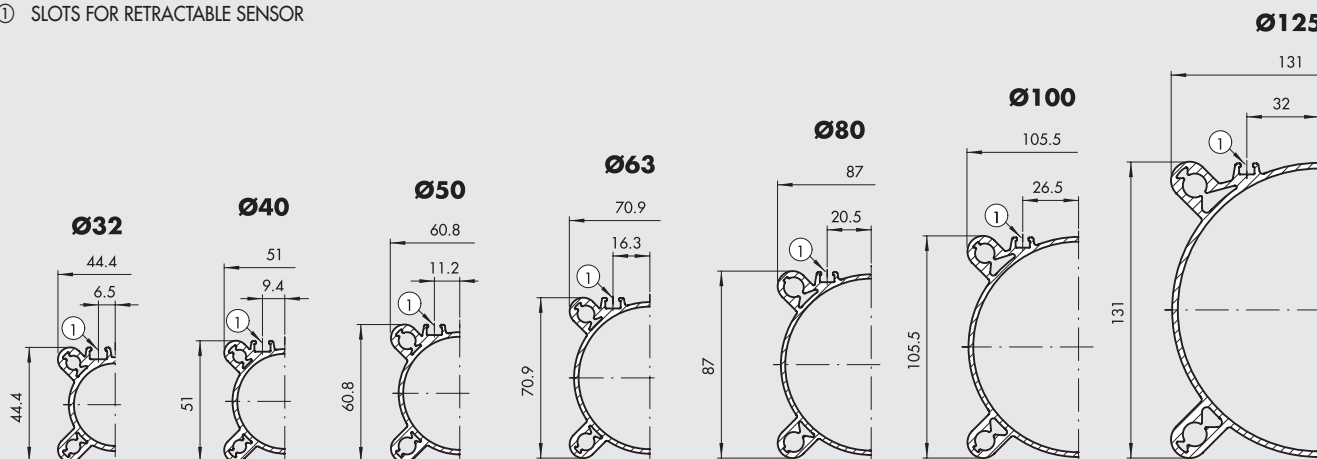
ISO 15552 CYLINDER SERIES 3

ISO 15552 cylinders, featuring specially-shaped barrels designed to reduce weight to a minimum. Two T-slots on the same side as the threaded fittings can take retractable sensors. The other three sides of the barrel are smooth, with no slots, and hence easy to clean.



BARREL CROSS SECTION

① SLOTS FOR RETRACTABLE SENSOR



KEY TO CODES

CYL	1 2 1 TYPE	3 VERSION	3 2 BORE	0 0 5 0 STROKE	C MATERIAL	P GASKETS	E
●	121 Double-acting, cushioned	3 Series 3	32	For the maximum suppliable strokes, look at the technical data	A C45 chromed piston rod, aluminium piston: standard for all cylinders with ≥ 1000 mm-stroke cylinders and for cylinder with Ø 80 mm and over	N NBR gaskets	+ ▼ E Single-acting extended rod or double-acting with spring, extended piston rod
	122 Through-rod	4 Series 3	40		C C45 chromed piston rod, technopolymer piston: standard for cylinders of Ø 32 to 63 mm with <1000 mm strokes	P Polyurethane gaskets	
	124 Double-acting, non-cushioned	No stick slip	50			V FKM/FPM gaskets	
	125 Opposed	5 Series 3	63		Z Stainless steel piston rod and nut aluminium piston	● B Low temperature	+ ✕ R Double-acting with spring, retracted piston rod
+	126 Single-acting	Non-magnetic	80		X Stainless steel piston rod and nut technopolymer piston	C "Combi" piston rod gasket	
▷	127 Tandem		A1 = Ø 100 A2 = Ø 125			▶ R "Hard PU" piston rod gasket	★ 1 + Secure Lock with manual control
■ ▷	134 Version suitable for rod lock					● □ M "Metal" piston rod gasket	
■ ▷	136 Version with rod lock						★ 2 + Secure Lock without manual control
■ * ▷	137 Version suitable for rod lock + guide unit						
■ ▷ ◇	154 Version suitable for bellow						
■ ▷ ◇	156 Version with mounted bellow						

- Only available for versions with aluminium piston (A or Z)
- + Available until Ø 63 and only the versions with piston in aluminium (A or Z). The versions without the final "E" are to be considered with retracted piston rod.
- ▼ Letter to be added only to the single acting extended piston rod version or double-acting with spring, extended piston rod
- ✕ Letter to be added only for the double-acting version with spring, retracted piston rod
- ★ Extra digit to be added only for types 136 with the "Secure Lock" device
- ◇ Maximum suppliable strokes: Ø 32 to 63: from 1 to 720 mm; Ø 80 to 125: from 1 to 840 mm
- ◆ For speeds lower than 0.2 m/s, to prevent surging. Use no-lubricated air only.
- * Available until Ø 100
- ▷ Not available for single-acting and double-acting with spring versions
- ▶ Not available for gasket V or B
- Not available in Ø 32
- ▶ The 126 (single-action) type and the (No-stick-slip) version 4 are not available

ACCESSORIES FOR ISO 15552 CYLINDERS: PROTECTIVE BELLOWS

The protective bellows is designed to prevent the piston rod and gasket from coming into contact with external agents in applications characterised by the presence of pollutants such as dust, oils or other contaminants. The design and material chosen (NBR) ensure a long service life of the bellows, compatibly with the operating conditions.

In addition to the bellows as such, other elements are also included in the supply to ensure correct assembly on the cylinder and a tight fit.

Depending on the cylinder size and stroke, three versions are available:

- single, consisting of one collar for the standard cylinder head, one collar for the piston rod (which must be special) and bellows;
- double, which in addition to the collars, includes two bellows and one gasket;
- triple made up of three bellows and two gaskets.

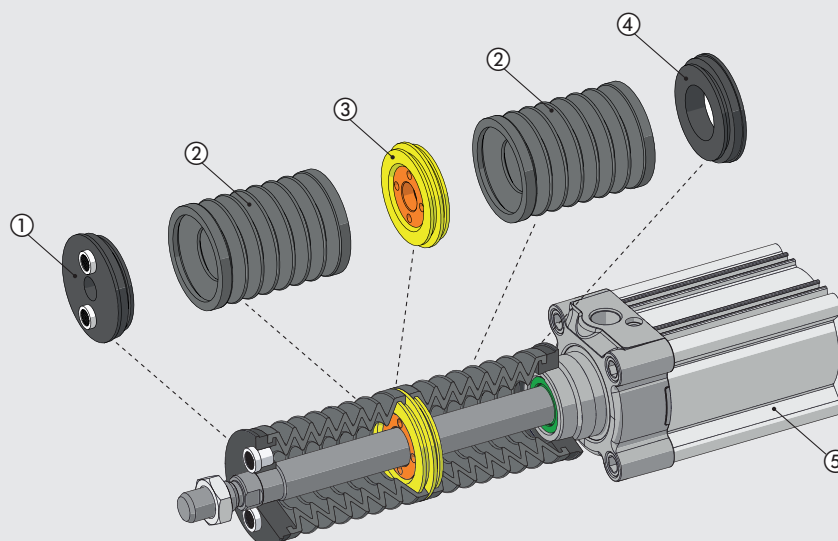
The range offered includes two sizes that cover all ISO 15552 Metal Work cylinders, with Ø32 to Ø125 bores, in versions with a suitably designed piston rod.



TECHNICAL DATA			SIZE 60			SIZE 83		
			SINGLE	DOUBLE	TRIPLE	SINGLE	DOUBLE	TRIPLE
Continuous duty temperature		°C	-10 to +50					
Cylinder strokes †	Ø32 to 63	mm	1 to 230	231 to 475	476 to 720	-	-	-
	Ø80 to 125	mm	-	-	-	1 to 270	271 to 555	556 to 840
Maximum recommended speed		m/s	1					
Weights		g	120	210	300	850	1020	1190
Notes	Can only be fitted to predisposed cylinders, code 154... to be purchased separately It's possible to order cylinder code 156... with already mounted bellows.							
	† For higher stroke values, please contact our sales department.							

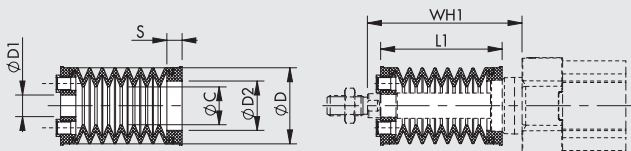
COMPONENTS

- ① ROD COLLAR: NBR with stainless steel filter
- ② BELLOWS: NBR
- ③ JUNCTION: NBR with a POM core (only for double or triple kit)
- ④ HEAD COLLAR: NBR
- ⑤ ISO 15552 CYLINDER DESIGNED FOR BELLOWS



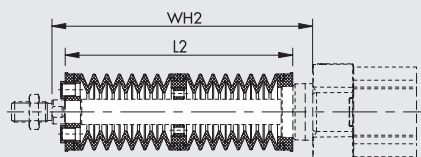
BELLOWS OVERALL DIMENSIONS AND ORDERING CODES

SINGLE



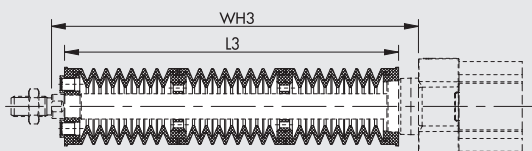
Code	Ø	Cylinder						L1		WH1
		stroke	Ø D	Ø C	S	Ø D1	Ø D2	closed	open	
0950322103	32	1 to 230	60	30	12	10	27	70	300	86
0950402103	40	1 to 230	60	30	12	13	32	70	300	86
0950502103	50	1 to 230	60	30	12	17	37	70	300	93
0950632103	63	1 to 230	60	30	12	17	39	70	300	94
0950802103	80	1 to 270	83	50	12	22	42	80	350	103
0951002103	100	1 to 270	83	50	12	22	48	80	350	105
0951252103	125	1 to 270	83	50	12	29	53	80	350	117

DOUBLE



Code	Ø	Cylinder						L2		WH2
		stroke	Ø D	Ø C	S	Ø D1	Ø D2	closed	open	
0950322203	32	231 to 475	60	30	12	10	27	125	600	141
0950402203	40	231 to 475	60	30	12	13	32	125	600	141
0950502203	50	231 to 475	60	30	12	17	37	125	600	148
0950632203	63	231 to 475	60	30	12	17	39	125	600	149
0950802203	80	271 to 555	83	50	12	22	42	145	700	168
0951002203	100	271 to 555	83	50	12	22	48	145	700	170
0951252203	125	271 to 555	83	50	12	29	53	145	700	182

TRIPLE



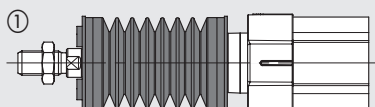
Code	Ø	Cylinder						L3		WH3
		stroke	Ø D	Ø C	S	Ø D1	Ø D2	closed	open	
0950322303	32	476 to 720	60	30	12	10	27	180	900	196
0950402303	40	476 to 720	60	30	12	13	32	180	900	196
0950502303	50	476 to 720	60	30	12	17	37	180	900	203
0950632303	63	476 to 720	60	30	12	17	39	180	900	204
0950802303	80	556 to 840	83	50	12	22	42	210	1050	233
0951002303	100	556 to 840	83	50	12	22	48	210	1050	235
0951252303	125	556 to 840	83	50	12	29	53	210	1050	247

Refer to standard cylinders for other values.

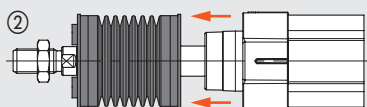
N.B.: Also order the cylinder designed for protective bellows (code 154...)

ASSEMBLY ONTO CYLINDERS Ø32 - Ø40 - Ø50

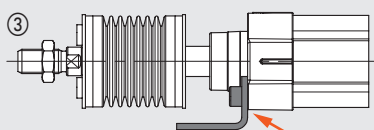
For fixing the cylinder through the front head, in case of bores 32, 40 and 50 the bellows can be mounted **only after having fixed the cylinder**.
For versions 156... with mounted bellows:



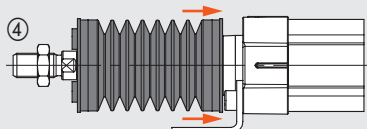
Cylinder supplied with already mounted bellows.



Remove the bellows from the front head, acting on the head collar.

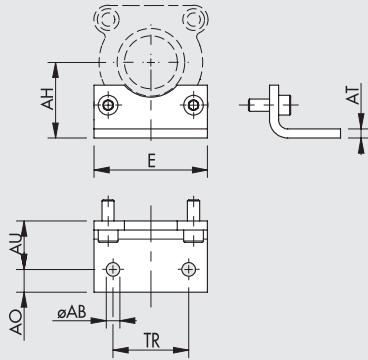


Fix the cylinder to the machine (for example with foot model A).



Reinsert the bellows on the front head, by pressing the head collar on the conical surface of the front cylinder head until it reaches the shoulder.

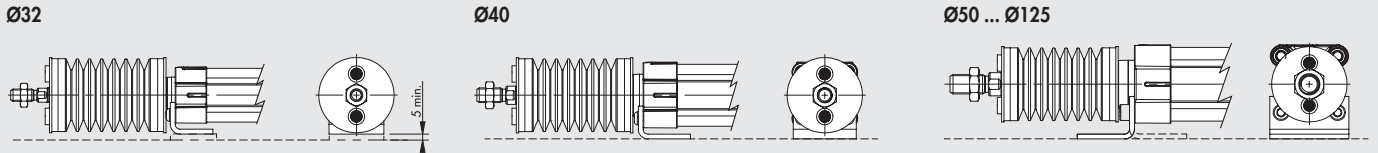
FOOT MODEL A



Code	Ø	Ø AB	AH	AO	AT	AU	TR	E	Weight [g]
W0950322507 *	32	7	32	11	4	24	32	45	76
W0950402507 *	40	9	36	15	4	28	36	52	100
W0950502001	50	9	45	15	5	32	45	65	162
W0950632001	63	9	50	15	5	32	50	75	266
W0950802001	80	12	63	20	6	41	63	95	456
W0951002001	100	14	71	25	6	41	75	115	572
W0951252001	125	16	90	15	8	45	90	140	1130

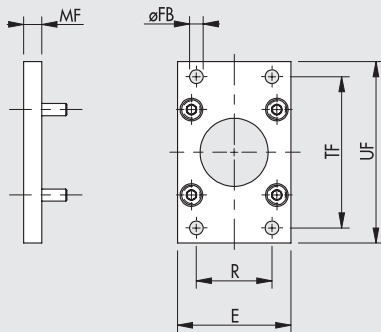
* Version with button head screws to be used in place of standard feet codes W0950322001 and W0950402001. They can be mounted only inwards.

Note: Individually packed with 2 screws



In the case of the Ø32 bore, the foot must be raised to avoid rubbing the bellows on the support surface.

FRONT FLANGE - MODEL C



Code	Ø	TF	UF	E	MF	R	øFB	Weight [g]
W0950502002	50	90	110	65	12	45	9	522
W0950632002	63	100	120	75	12	50	9	670
W0950802002	80	126	150	95	15	63	12	1420
W0951002002	100	150	178	115	15	75	14	2040
W0951252002	125	180	220	140	20	90	16	4300

Note: Supplied with 4 screws

For bores Ø32 and Ø40 it's not possible to use the front flanges codes W0950322002 and W0950402002 because they prevent effective assembly of the collar on the cylinder head.

NOTES

Refer to ISO 15552 cylinders for other accessories.