



model		Ø (mm)			standard stroke		illustration	series	page
construction	Profilled barrel Tie rods Through-rod	min.	max.	min.	max.				
		<b>Cylinders according to ISO 15552 standard</b>							
	● ●						ISO 15552 standard	<a href="#">453/454/450</a>	<a href="#">Product Index</a>
<b>Profilled barrel</b>									
	● ●	32	100	5	2000		<a href="#">453</a>	<a href="#">27</a>	
						spare parts	<a href="#">978</a>	<a href="#">28</a>	
<b>Profilled barrel, food industry applications</b>									
	● ●	32	100	5	2000		<a href="#">454</a>	<a href="#">30</a>	
						spare parts	<a href="#">499</a>	<a href="#">31</a>	
<b>Tie rods</b>									
	● ●	32	250	25	2000		<a href="#">450</a>	<a href="#">34</a>	
						spare parts	<a href="#">978</a>	<a href="#">35</a>	
<b>Specialised versions &amp; options</b>									
Options and specialized versions	● ● ●						<a href="#">453/454/450</a>	<a href="#">37 - 38</a>	
Low friction	● ●	32	100	5	1000		<a href="#">453</a> <a href="#">450</a>	<a href="#">39</a>	
Tandem	● ●						<a href="#">453 / 450</a>	<a href="#">40</a>	
3 positions	● ●	32	200	-	-		<a href="#">453 / 450</a>	<a href="#">41</a>	
Nose to nose	● ●						<a href="#">453 / 450</a>	<a href="#">42</a>	
back-to-back	● ●						<a href="#">453 / 450</a>	<a href="#">43</a>	
Guiding units for cylinders	U - H	32	100	50	500		<a href="#">491</a> <a href="#">499</a>	<a href="#">44</a>	
Rod lock for cylinders	static	32	100	25	1500		<a href="#">453</a> <a href="#">450</a> <a href="#">463</a>	<a href="#">48</a>	
	dynamic	40	100	25	1500		<a href="#">453</a> <a href="#">450</a> <a href="#">492</a>	<a href="#">53</a>	
Oversize piston rods	● ●	63	100	25	1500		<a href="#">453</a> <a href="#">450</a>	<a href="#">57</a>	
Piston rod protective bellow	● ●	32	100	25	250		<a href="#">453</a> <a href="#">450</a>	<a href="#">59</a>	
<b>Mountings</b>									
Standardised mountings ISO 15552	● ●	20	200				<a href="#">434 - 439</a> <a href="#">- 493</a>	<a href="#">61</a>	
<b>Position detectors</b>									
Reed switch - 2 wires	● ● ●						<a href="#">494</a>	<a href="#">173</a>	
Magneto-inductive - 3 wires	● ● ●						<a href="#">494</a>	<a href="#">175</a>	

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