

S.C. PRODMEC S.A.

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Offer form for pneumatic piston actuators				
Customer:				
Enquiry No.:	Enquiry Date:	Quantity:		
Project:	Project No.:	Application:		
Delivery Date:				
Attention: The operating medium for the pneumatic actuators is air. For operation with conventional control valves, air quality according to ISO 8573.1 class 3 is required. For operation with positioner, air quality according to ISO 8573.1 class 2 is required.				
	Designation	Customer Requirement	Standard	Comments
1	Type of actuator	<input type="radio"/> double acting <input type="radio"/> single acting spring close <input type="radio"/> single acting spring open		
2	Orientation		<input type="radio"/> vertical	
3	Installation		<input type="radio"/> indoor industrial application	
4	Design temperature range		<input type="radio"/> -10 to +80 °C	
5	According to ATEX	<input type="radio"/> Yes <input type="radio"/> No		
6	Operating mode	<input type="radio"/> open / close <input type="radio"/> control mode		
7	Stroke (mm)			
8	Extrastroke (mm)			
9	F min to open (N)			
10	F min to close (N)			
11	F min to seat (N)			
12	Safety factor		<input type="radio"/> 1,2	
13	Air supply min / max (bar)			
14	Stroke time to close (sec)			
15	Stroke time to open (sec)			
16	Quick close time (sec)			
17	Quick open time (sec)			
18	Control time (sec)			
19	Signal failure	<input type="radio"/> Yes <input type="radio"/> No		
20	Air failure	<input type="radio"/> Yes <input type="radio"/> No		
21	Limit switches	<input type="radio"/> Yes <input type="radio"/> No		
22	Handwheel	<input type="radio"/> Yes <input type="radio"/> No		
23	Positioner		<input type="radio"/> SIPART PS2 6DR5020-0NG00-0AA2	
24	HART comunication	<input type="radio"/> Yes <input type="radio"/> No		
25	Junction box	<input type="radio"/> Yes <input type="radio"/> No		
26	Other options			
MATERIALS				
27	Cylinder tube D150-320		<input type="radio"/> AlMgSi - hard-anodized	
27	Cylinder tube D350-700		<input type="radio"/> S 355 J2 hard-chrome plated	
28	Stem(Piston rod)		<input type="radio"/> 1.4057 (X17CrNi16-2)	
29	Rod guide bushing		<input type="radio"/> Bronze/Plug Graphite Self-Lubricating	
30	End caps		<input type="radio"/> Carbon steel	
31	Seal material		<input type="radio"/> NBR - rubber	
31	Tubing		<input type="radio"/> 1.4301 (grade 304)	
32	Fittings		<input type="radio"/> Carbon steel/Zn-galvanized	

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33	Screw material		<input type="radio"/>	Carbon steel/Zn-galvanized	
PAINTING AND COATING					
	Designation	Customer Requirement		Standard	Comments
34	Cylinder tube, end caps as housings and covers		<input type="radio"/>	painted according PRODMEC Specification PL.01 / 035	
35	Tubing and Fittings		<input type="radio"/>	not painted	
36	Screws and nuts		<input type="radio"/>	Zn-galvanized	
37	Consoles and hardware		<input type="radio"/>	Zn-galvanized	
38	Accessories and equipment		<input type="radio"/>	Manufacturers coating	
DOCUMENTATION					
39	Language		<input type="radio"/>	german	
			<input type="radio"/>	english	
40	Quality documentation			Pressure test protocol Time-measuring protocol Painting work report	
41	Tehnickal documentation			Dimensional drawing Spare parts drawing Spare parts list Pneumatic circuit diagram Operating instructions	
Special Customer Requirement:					