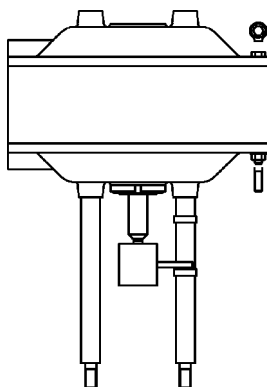


20..80mm - 3 ..41 kN



PA..

HIGHLIGHTS

- Actuators with high thrust and short actuation time
- Comply with requirements for explosion proof areas
- Mode of operation: spring opens / air closes or opens
- Mechanical position indication

TECHNICAL DATA ACTUATOR										
Type		PA160	PA280		PA540		PA1080		PA2160	
Diaphragm area	cm ²	160	280		540		1080		2160	
Operating pressure, max.	bar	6	6		6		6		6	
Spring range	bar	1.8 – 3.9	1.8-2.85	1.8-3.9	2.1-3.0	1.7-3.9	1.9-3.2	1.6-3.9	1.9-3.2	1.6-3.9
Spring force	kN	3	5	5	11	9	20	17	41	34
Stroke	mm	20	20	30	30	50	60	80	60	80
Volume	ltr.	0.52	1.0	1.3	2.75	3.9	10.5	12.9	20.9	25.7
Stroke volume	ltr.	0.37	0.65	0.95	1.85	3.0	7.3	9.7	14.5	19.3
Air connection		G ¼	G ¼		G ¼		G ½		G ½	
Weight without hand wheel	kg	7	14		30		75		140	
Weight with hand wheel	kg	12	20		40		100		175	

Ambient temperature:

-30...+60°C

Operating mode:

alternatively spring closes / opens

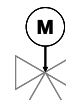
Actuator alternatives and accessories

- Manual operating device
- Positioner

pneumatic	with manometer	Type EIP 300	
pneumatic	without manometer	Type 2750	
electro-pneumatic	with manometer	Type TZIM	Input signal 4...20 mA
electro-pneumatic	with manometer	Type SIPART-PS 2	Input signal 4...20 mA
electro-pneumatic	with manometer	Type SIPART-PS 2-Ex	Input signal 4...20 mA
electro-pneumatic	with manometer	Type SIPART-PS 2	Input / Output signal 4...20 mA
electro-pneumatic	with manometer	Type SIPART-PS 2-Ex	Input / Output signal 4...20 mA
- Air filter
- Blocking valve
- Booster

	G ¼	Type EAW 3000	
	G ¼	Type EIL 201 F02	
	G ¼	Type EIL 100 F02	
	G ¾	Type EIL 100 F03	
	G ¼ or G ½		
- Solenoid valve

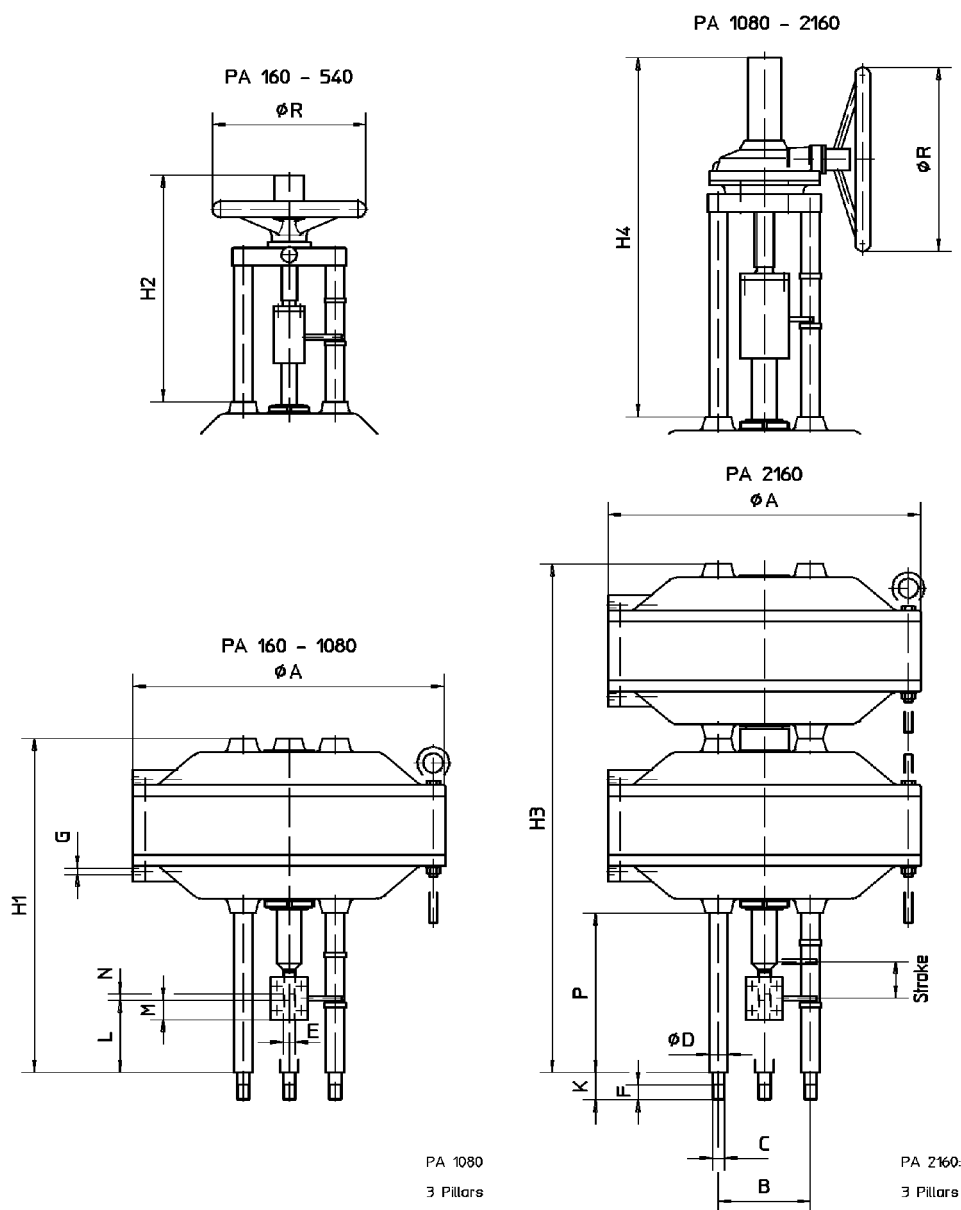
3/2 Way, 230 VAC, 50 Hz			
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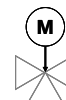


20..80mm - 3 ..41 kN

- Stack for teletransmitting with:
 - 1 potentiometer Type 2600
 - 2 micro-switches Type 2622
 - 1 potentiometer / 2 micro-switches Type 26022
 - 2 micro-switches Type 2642
 - 2 pneum. switches Type 4050306
 - G ½ Type 4048204
 - G ½ Type MV8H 330-11Y
 - Quick venting screw
 - Outlet throttle
 - Limit switches
- 1 or 2 pieces

DRAWING



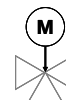


20..80mm - 3 ..41 kN

Type		PA160		PA280		PA540			PA1080			PA2160		
Stroke	mm	10	20	20	30	20	30	50	50	60	80	50	60	80
ØA	mm	210		275		360			515			515		
B	mm	100		100		150			150			150		
C	mm	M12		M12		M20			M20			M20		
ØD	mm	20		20		30			30			30		
E	mm	M10		M10		M10/M14			M14/M20			M27		
F	mm	14		14		25			25			25		
G	mm	G ¼		G ¼		G ¼			G ½			G ½		
H1	mm	324		350	360	427	447		576	596				
H2	mm	202		202	295	371								
H3	mm											893	932	
H4	mm								586			595		
K	mm	25		25		45			45			45		
L	mm	104		104		118			118			118		
M	mm	20		20		30			30			30		
N	mm	5		5		10			10			10		
P	mm	180		180		220			260			260		
ØR	mm	160		160		250			300			400		
Valve stem Ø	mm	12		12		12/16			22/32			32		

Volume

Type		PA160		PA280		PA540		PA1080		PA2160	
Stroke	mm	10	20	20	30	30	50	60	80	60	80
Volume	ltr.	0.34	0.52	1.0	1.3	2.75	3.9	10.5	12.9	20.9	25.7
Stroke volume	ltr.	0.19	0.37	0.65	0.95	1.85	3.0	7.3	9.7	14.5	19.3



20..80mm - 3 ..41 kN

NOTES

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.