



AIR TORQUE

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Tab. HO PT

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HOW TO ORDER PT Pneumatic Actuators

All dimensions, materials are referred to updated catalogue and/or technical data sheet.

Model	Action (1)	Spring Q.TY	Type of Protection	Flange type			Spigot	Square (2)		Seals		
				F04	F03							
PT050	D	Only for Spring Return	A	F04	F03		Y (On request)	11	9	NBR Standard Seals (-20°C to +80°C) HT = FPM Seals (-15°C to +150°C) LT = Silicone Seals (-40°C to +80°C)		
PT100				F05	F04	F05-F07		14	11			
PT200				F05	F05-F07			14	17			
PT250	Do	5	B	F07	F05-F07			17				
PT300				F07	F05-F07	F07-F10		17	22			
PT350				6	C	F10		F07-F10			22	17
PT400				7	D	F10		F07-F10			22	27
PT450				8	E	F12		F10-F12			27	
PT500	S	9	F	F12	F10-F12			27				
PT550				10	G	F14		F12			36	27
PT600	So	11		F14	F12			36				
PT650				F16	F14			46	36			
PT700				F16	F14		46					
PT800				F25	F16		55					

- Notes:**
- Standard Rotation for double acting and spring return is Clockwise to close (for double acting when port 4 is pressurised).
 - Standard Shaft connection is a female square. Other type of shaft connection like different square sizes, Flat head and Keyed bore are available and need a detailed description.
 - If not specified the actuators will be supplied with standard Position Indicator.
 - The standard assembly / rotation type is "ST", other assembly / rotation type to be specified as per table TYAS.

How to order:

1	2	3	4	5	6	7	8	9
PT050	S	12	A	F04	Y	11	-	HT

- | | |
|---|---|
| <p>1 Actuator Model Range:
 90° Rotation (Standard) = PT050 to PT800
 120° Rotation (only Double Acting) = PT052 to PT602
 135° Rotation (only Double Acting) = PT053 to PT603
 180° Rotation (Double Acting and Spring Return) = PT058 to PT608</p> <p>2 D = Double Acting, Clockwise to close CW
 Do = Double Acting, Counterclockwise to close CCW
 S = Spring Return, Springs Clockwise to close CW
 So = Spring Return, Springs Counterclockwise to close CCW</p> <p>3 No code = Double acting actuators
 12 = Spring quantity:
 05 to 12 for standard actuators,
 10 to 24 only for spring return 180° rotation</p> <p>4 Protection Type (A, B, C, D, E, F, G)</p> <p>5 ISO Flange (See table)</p> | <p>6 N = without spigot (standard)
 Y = With Spigot</p> <p>7 Diagonal square = only dimension
 Parallel square = Square dimensions + L
 Double square = Square dimensions + DS
 Flat head drive = H + Dimensions "S"
 Single Key drive = V + Dimensions "d"
 Double key drive = W + Dimensions "d"</p> <p>8 No code = Actuator with standard position Indicator
 for other position indicator see related tables</p> <p>9 No code = NBR standard seals (-20°C to +80°C)
 HT = FPM Seals for high Temperature (-15°C to +150°C)
 LT = Silicon Seals for low Temperature (-40°C to +80°C)</p> |
|---|---|