

## Type 505



### Actuator pneumatic

single- / doubleacting (SR / DA) pneumatic actuator in accordance with DIN EN 15714-3

Actuator for general industrial applications  
With multi-functional position indicator prepared for the addition  
Swivel angle 0° ... 90°, both end positions user friendly +/- 5° adjustable  
O-ring NBR, more on request

Connections:  
Assemblyflange in accordance with ISO 5211 (brackets)  
Adapter in accordance with DIN 3337 (doublesquare)  
VDI / VDE 3845 for accessories

**Swivel angle:** 0° ... 90°; on request 120° / 180°  
**Torque:** at 6 bar singleacting: 14 Nm ... 1620 Nm; doubleacting: 14 Nm ... 3500 Nm  
**Control pressure:** 2 bar ... 10 bar (PNEUROP / ISO Class 4)  
**Temp. range:** -20 °C ... +80 °C; on request: -40 °C ... +80 °C / -20 °C ... +150 °C  
**Body:** aluminium  
**Piston:** aluminium  
**Stem:** singleacting: steel; doubleacting: steel nickel-plated  
**Optional:** body stainless steel, diverse spare parts

SR - pneumatic singleacting - 6 bar control pressure / 12 springs -

Size	Spring torque [Nm]		Nm at 6 bar control pr.		Flange ISO 5211	Square sH11	Order code
	0°	90°	0°	90°			
052	10,2	14,8	13,8	9,1	F03/F05*	11	AP-505-SR0526
063	16,4	25,0	27,3	18,6	F03/F05	11	AP-505-SR0636
075	25,3	34,7	34,9	25,4	F03/F05	11/14	AP-505-SR0756
083	38,0	55,2	56,1	38,9	F05/F07	14	AP-505-SR0836
092	56,0	82,5	79,4	53,0	F05/F07	17	AP-505-SR0926
105	75,9	118,1	122,5	80,6	F07/F10	17	AP-505-SR1056
125	125,8	188,3	176,2	113,4	F07/F10	22	AP-505-SR1256
140	206,0	310,5	307,8	203,8	F10/F12	22	AP-505-SR1406
160	335,7	500,4	463,2	298,4	F10/F12	22	AP-505-SR1606
190	480,1	742,4	797,5	535,1	F12	27	AP-505-SR1906
210	660,3	912,1	936,9	684,2	F14	27	AP-505-SR2106
240	985,2	1330,8	1323,4	979,6	F14	36	AP-505-SR2406
270	1342,4	1887,2	2167,2	1623,3	F14	36	AP-505-SR2706

DA - pneumatic doubleacting

Size	Nm at 6 bar	Flange ISO 5211	Square sH11	Order code
040	14,3	F04	9/11	AP-505-DA0406
052	23,9	F03/F05*	11	AP-505-DA0526
063	43,8	F05/F07	14	AP-505-DA0636
075	60,2	F05/F07	14	AP-505-DA0756
083	94,1	F05/F07	17	AP-505-DA0836
092	135,4	F05/F07	22	AP-505-DA0926
105	198,4	F07/F10	22	AP-505-DA1056
125	301,0	F07/F10	22	AP-505-DA1256
140	513,0	F10/F12	27	AP-505-DA1406
160	798,0	F10/F12	27	AP-505-DA1606
190	1276,8	F14	27	AP-505-DA1906
210	1596,0	F14	36	AP-505-DA2106
240	2308,5	F16	46	AP-505-DA2406
270	3508,9	F16	46	AP-505-DA2706

\* on request with ISO-mounting flange F4

### Order code

AP-505-                 6  
 singleacting: SR  
 doubleacting: DA  
 Size:              
 Control pressure [bar]: 6