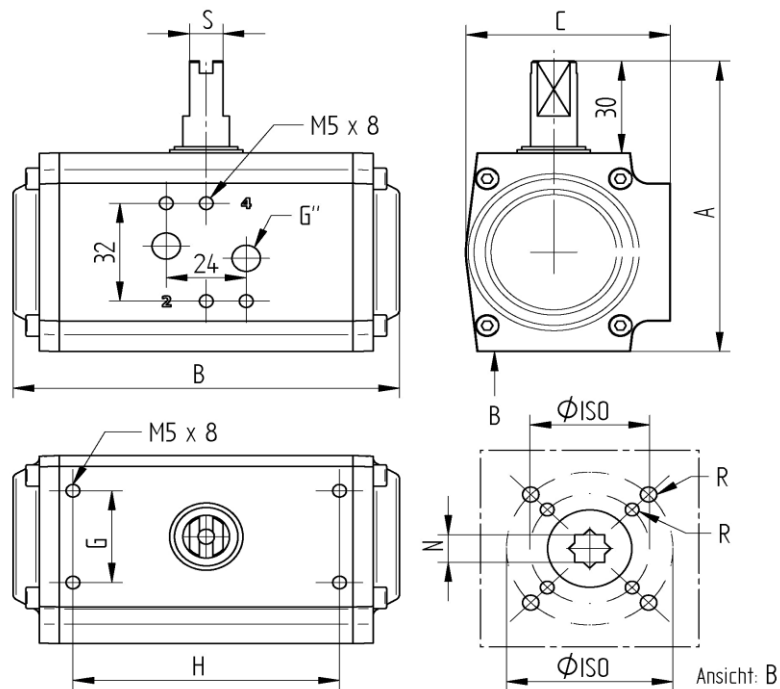


## ST - SINGLE ACTING SPRING RETURN

### Technical data

Make:	Max Process GmbH	Pilot pressure:	Designed for 6,0 bars
Design characteristic:	Rack and pinion system	Pilot medium:	Filtered and lubricated air [Pneurop/ISO class 4]
Piston guidance:	Self-centering inside of the housing	Actuator connection:	Acc.to DIN EN 5211
Body:	Extruded aluminum alloy	Control valve:	Acc. to Namur or VDI/VDE 3845
End caps:	Die cast aluminum grey coated	Signalling devices:	Acc. to Namur or VDI/VDE 3845
End caps seals:	NBR		
Pinion [Drive shaft]:	Steel alloy nickel plated	<b>Approval:</b>	ATEX acc. to 2014/34/EU
Piston Rack:	Die cast aluminum anodized		
Piston Pinion seals:	NBR		
Rotation Stroke:	90°   ±5° from 90° position adjustable		
Temperature range:	-50°C up to +70°C		
	FKM-FPM-sealing, up to max. 150°C		
Torque max.:	See the table below		



Item No.	Spring	Nm	Nm	A	B	C	N	Ø ISO	H	øR	G	S	G"	Weight	
WESA	Max Process	pieces	≪ 0°	≪ 90°	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[Kg]	
ST01	GT 52 (FC)	8	8	10	104	133	69	14	F03 F05	80	M5/M6	30	10	1/8"	1,00
ST02	GT 63 (FC)	8	12	17	118	137	80	14	F05 F07	80	M6/M8	30	10	1/8"	1,62
ST03	GT 75 (FC)	12	31	11	130	161	93	17	F05 F07	80	M6/M8	30	10	1/8"	2,45
ST04	GT 83 (FC)	9	33	36	138	180	100	17	F05 F07	80	M6/M8	30	10	1/8"	2,95
ST05	GT 92 (FC)	11	50	40	147	209	111	17	F05 F07	80	M6/M8	30	14	1/8"	4,00
ST06	GT 110 (FC)	9	71	65	170	223	120	22	F07 F10	80	M8/M10	30	14	1/4"	6,20
ST07	GT 118 (FC)	9	96	91	170	293	120	22	F07 F10	80	M8/M10	30	20	1/4"	8,35
ST08	GT 127 (FC)	9	135	124	190	301	137	22	F07 F10	80	M8/M10	30	20	1/4"	10,70
ST09	GT 143 (FC)	10	240	207	228	337	172	27	F10 F12	130	M10/M12	30	20	1/4"	15,80
ST10	GT 160 (FC)	9	251	305	228	379	172	27	F10 F12	130	M10/M12	30	28	1/4"	20,10
ST11	GT 190 (FC)	10	531	511	285	422	224	36	F14	130	M16	30	28	1/4"	37,80
ST12	GT 210 (FC)	9	514	695	285	468	224	36	F14	130	M16	30	32	1/4"	39,60
ST13	GT 254 (FC)	9	1072	1271	332	609	272	46	F16	130	M20	30	32	1/4"	70,60