













# SELECTION GUIDE · TECAPRES® GAS SPRINGS

model	body diameter (mm)	available stroke lengths (mm)	max. initial force (daN)		series	
MICRO 15	15	7, 10, 15, 25, 38, 50, 63, 75	90	—	<b>MICRO SERIES</b> • Small and powered gas springs • Best price-force ratio • According new VDI norm 	
MICRO 19	19	7, 10, 15, 19, 25, 38, 50, 63, 75, 80, 100, 125	140	—		
MICRO 25	25	12, 16, 25, 38, 50, 63, 80, 100	275	—		
MICRO 25H	25	7, 10, 12, 15, 16, 19, 25, 38, 50, 63, 75, 80, 100, 125	275	—		
MICRO 25R	25	12, 16, 25, 38, 50, 63, 80	275	—		
MICRO 32V	32	10, 13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	350	—		
MICRO 32	32	7, 10, 12, 16, 19, 25, 32, 38, 50, 63, 80	450	—		
MICRO 32H	32	10, 12, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100	450	—		
MICRO 32R	32	12, 16, 25, 38, 50, 63, 80, 100	450	—		
MICRO 38V	38	10, 13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	470	—		
MICRO 38	38	12, 16, 19, 25, 32, 38, 50, 63, 80	660	—		
MICRO 38H	38	10, 12, 16, 19, 25, 32, 38, 50, 63, 75, 80	660	—		
MICRO 38R	38	12, 16, 25, 32, 38, 50, 63, 80	660	—		
MICRO 45	45	13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	740	—		
MICRO 50.1	50	13, 19, 25, 38, 50, 63, 80, 100	920	—		
MICRO 50VS	50	13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	920	—		
MICRO 50V	50	13, 19, 25, 38, 50, 63, 80, 100	1100	—		
MICRO 50C	50	13, 19, 25, 38, 50, 63, 80	1100	✓		
MICRO 63	63	25, 38, 50, 63, 80, 100	1900	—		
MICRO 63V	63	13, 16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	1500	—		
MICRO 63C	63	13, 16, 19, 25, 32, 38, 50, 63, 75, 80	1500	✓		
MICRO 75	75	16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	2400	✓		
MICRO 95	95	16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	4200	✓		
MICRO 120	120	25, 38, 50, 63, 80, 100	6600	✓		
MICRO 120V	120	16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	6600	✓		
MICRO 150	150	16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	9500	✓		
MICRO 195	195	16, 19, 25, 32, 38, 50, 63, 75, 80, 100, 125	20000	✓		
TITAN 32	32	12, 16, 19, 25, 38, 50, 63, 80	500	—	<b>TITAN SERIES</b> Ultra compact and extra-powered gas springs 	
TITAN 38	38	16, 19, 25, 38, 50, 63, 80	750	—		
TITAN 50	50	13, 19, 25, 38, 50, 63, 80	1200	—		
TITAN 63	63	13, 25, 38, 50, 63, 80	2100	—		
TITAN 75	75	12, 25, 38, 50, 63, 80	3000	—		
TPH 300	25	10, 15, 25, 38, 50, 63, 80	300	—	<b>TPH SERIES</b> Maximum force gas springs. Rod seal area 	
TPH 500	32	10, 15, 25, 38, 50, 63, 80	500	—		
TPH 850	38	12, 25, 38, 50, 63, 80	850	—		
TPH 1000	38	10, 15, 25, 38, 50, 63, 80	1000	—		
TPH 1250	45	12, 25, 38, 50, 63, 80	1250	—		
TPH 1700	50	12, 25, 38, 50, 63, 80	1700	—		
TPH 2000	50	25, 38, 50, 63, 80	2000	—		
TPH 2800	63	12, 25, 38, 50, 63, 80	2800	—		
TPH 4300	75	12, 25, 38, 50, 63, 80	4300	—		
TPK 25	25	7, 12, 16, 25, 38, 50, 63, 80, 100	200	—		<b>TPK SERIES</b> Medium sizes and powered gas springs 
TPKN 25	25	12, 16, 25, 38, 50, 63, 80	200	—		
TPKR 25	25	7, 12, 16, 25, 38, 50, 63	200	—		
TPK 32	32	7, 12, 16, 25, 38, 50, 63, 80, 100	400	—		
TPKN 32	32	7, 12, 16, 25, 38, 50, 63, 80	300	—		
TPKR 32	32	7, 12, 16, 25, 38, 50, 63, 80	300	—		
TPK 600	38	12, 16, 25, 38, 50, 63, 80, 100, 125	600	—		
TPKF 500	45	13, 19, 25, 38, 50, 63, 80, 100	500	✓		
TPK 750	45	13, 19, 25, 38, 50, 63, 80, 100	750	—		
TPKS 750	45	13, 19, 25, 38, 50, 63, 80, 100	750	—		
TPKF 750	50	13, 19, 25, 38, 50, 63, 80, 100	750	✓		
TPK 1000	50	13, 19, 25, 38, 50, 63, 80, 100, 125	1000	—		
TPKS 1000	50	13, 19, 25, 38, 50, 63, 80, 100	1000	—		
TPK 1500	63	12, 25, 38, 50, 63, 80, 100	1500	—		
TPKN 1500	63	12, 25, 38, 50, 63, 80	1500	—		
TPKF 1500	75	25, 38, 50, 63, 80, 100	1500	—		
TPK 2500	75	25, 38, 50, 63, 80, 100	2500	—		
TPK 3000	75	12, 25, 38, 50, 63, 80, 100	3000	—		
TPKF 3000	95	25, 38, 50, 63, 80, 100	3000	—		
TPK 4250	95	25, 38, 50, 63, 80, 100	4250	—		
TPC 12	12	7, 13, 15, 19, 25, 38, 50	42	—	<b>TPC SERIES</b> Semi-compact and powered gas springs 	
TPC 14	14	15, 25, 38, 50, 63, 80	50	—		
TPC 19	19	7, 10, 13, 15, 25, 38, 50, 63, 80, 100, 125	90	—		
TPC 25	25	7, 10, 13, 15, 16, 25, 38, 50, 63, 80, 100, 125	200	—		
TPC 350	32	10, 15, 25, 38, 50, 63, 80	350	—		
TPC 500	38	10, 12, 15, 25, 38, 50, 63, 80	500	—		
TPCR 500	M38 x 1,5	10, 12, 15, 25, 38, 50, 63, 80	500	—		
TPC 1000	50	25, 38, 50, 63, 80, 100, 125, 160	1000	—		
TPC 1500	63	25, 38, 50, 63, 80, 100, 125, 160	1500	—		
TPC 2500	75	25, 38, 50, 63, 80, 100, 125	2500	—		
TPC 3000	75	25, 38, 50, 63, 80, 100, 125, 160, 200	3000	—		
TPC 4000	95	25, 38, 50, 63, 80, 100, 125, 160	4000	—		
TPC 6500	120	25, 38, 50, 63, 80, 100, 125, 160	6500	—		
TPC 10000	150	25, 38, 50, 63, 80, 100, 125	10000	—		
TPCT 25	25	7, 13, 16, 25, 38, 50, 63, 80	200	—		<b>TPCT SERIES</b> Semi-compact gas springs 
TPCT 300	32	10, 12, 16, 25, 38, 50, 63, 80, 100	300	—		
TPCT 450	32	7, 12, 16, 25, 38, 50, 63, 80, 100	450	—		
TPCT 550	38	12, 25, 38, 50, 63, 80, 100	550	—		
TPCT 1500	63	12, 25, 38, 50, 63, 80, 100	1500	—		
TPCT 2500	75	12, 25, 38, 50, 63, 80, 100, 125	2500	—		
TPCT 3000	75	12, 25, 38, 50, 63, 80, 100, 125	3000	—		
TPCT 5000	100	25, 38, 50, 63, 80, 100, 125	5000	—		
TPF 420	25	6, 10, 16, 25, 32	420	—	<b>TPF SERIES</b> Maximum force gas springs. Piston seal area 	
TPF 750	32	6, 10, 15, 25, 32, 40, 50	750	—		
TPF 1000	38	6, 10, 16, 25, 32, 40, 50	1000	—		
TPF 1000 B	38	10, 15, 25, 50	1000	—		
TPF 1800	50	6, 10, 16, 25, 32, 40, 50	1800	—		
TPF 2000	50	10, 15, 25, 50	2000	—		
TPF 3000	63	10, 15, 16, 25, 32, 40, 50	3000	—		
TPF 4000	75	10, 15, 25, 50	4000	—		
TPF 4700	75	10, 16, 25, 32, 40, 50	4700	—		
TPF 7000	95	10, 15, 25, 50	7000	—		
TPF 7500	95	10, 16, 25, 32, 40, 50	7500	—		
TPF 11800	120	10, 16, 25, 32, 40, 50	11800	—		
TPF 18300	150	10, 16, 25, 32, 40, 50	18300	—		
TPS 32	32	10, 13, 16, 25, 38, 50, 63, 80, 100, 125	200	—		<b>TPS SERIES</b> ISO standard gas springs 
TPSP 300	32	10, 13, 16, 25, 38, 50, 63, 80	300	—		
TPS 250	38	10, 13, 16, 25, 38, 50, 63, 80, 100, 125	250	—		
TPSP 500	38	10, 13, 16, 25, 38, 50, 63, 80	500	—		
TPS 500	45	10, 13, 25, 38, 50, 63, 80, 100, 125, 160	500	—		
TPS 750	50	13, 25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	750	—		
TPSP 1000	50	13, 25, 38, 50, 63, 80, 100, 125, 160	1000	—		
TPS 1500	75	13, 25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	1500	—		
TPSP 2400	75	25, 38, 50, 63, 80, 100, 125	2400	—		
TPS 3000	95	25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	3000	—		
TPSP 4200	95	25, 38, 50, 63, 80, 100, 125, 160	4200	—		
TPS 5000	120	25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	5000	—		
TPSP 6600	120	25, 38, 50, 63, 80, 100, 125	6600	—		
TPS 7500	150	25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	7500	—		
TPS 10000	195	25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	10000	—		
TPB 350	45	13, 16, 25, 38, 50, 63, 80, 100	350	—	<b>TPB SERIES</b> Low compression gas springs 	
TPB 850	63	13, 16, 25, 38, 50, 63, 80, 100	850	—		
TPB 750	75	13, 25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	750	—		
TPB 1250	75	25, 38, 50, 63, 80, 100	1250	—		
TPB 1500	95	13, 25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	1500	—		
TPB 1800	95	25, 38, 50, 63, 80, 100	1800	—		
TPB 2800	120	25, 38, 50, 63, 80, 100	2800	—		
TPB 3000	120	25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	3000	—		
TPB 5000	150	25, 38, 50, 63, 80, 100, 125, 160, 200, 250, 300	5000	—		
TPA 20	20	13, 15, 25, 38, 50, 63, 80	90	—		<b>MINI SERIES</b> Small gas springs for reduced forces. Colour codes gas springs 
TPA 25	25	10, 13, 16, 25, 38, 50	200	—		
TPG 22	22	12, 15, 25, 38, 50, 63, 80, 100, 125, 160	90	—		
TPG 25	25	12, 15, 25, 38, 50, 63, 80, 100	200	—		
TPG 26	26	12, 25, 38, 50, 63, 80, 100, 125, 160	200	—		
TPG 32	32	12, 25, 38, 50, 63, 80, 100	300	—		
TPGP 32	32	12, 25, 38, 50, 63, 80, 100	450	—		
TPG 500	45	12, 25, 38, 50, 63, 80, 100	500	—		
TPR 16	M16 x 1,5	10, 20, 30, 40, 50, 60, 70, 80, 100	50	—	<b>TPR SERIES</b> Threaded body gas springs 	
TPRB 16	M16 x 1,5	10, 20, 30, 40, 50, 60, 70, 80, 100	50	—		
TPRC 24	M24 x 1,5	7, 10, 13, 15, 25, 38, 50, 63, 80, 100, 125	90	—		
TPRT 24	M24 x 1,5	7, 10, 13, 15, 25, 38, 50, 63, 80, 100, 125	90	—		
TPR 24	M24 x 1,5	10, 20, 30, 40, 50, 60, 70, 80, 100	140	—		
TPRB 24	M24 x 1,5	10, 20, 30, 40, 50, 60, 70, 80, 100	140	—		
TPR 28	M28 x 1,5	15, 25, 38, 50, 63, 80, 100, 125	200	—		
TPR 38	M38 x 1,5	12, 25, 38, 50, 63, 80, 100	250	—		
TPR 45	M45 x 1,5	13, 19, 25, 38, 50, 63, 80, 100	750	—		
TPR 50	M50 x 1,5	13, 19, 25, 38, 50, 63, 80, 100	1000	—		