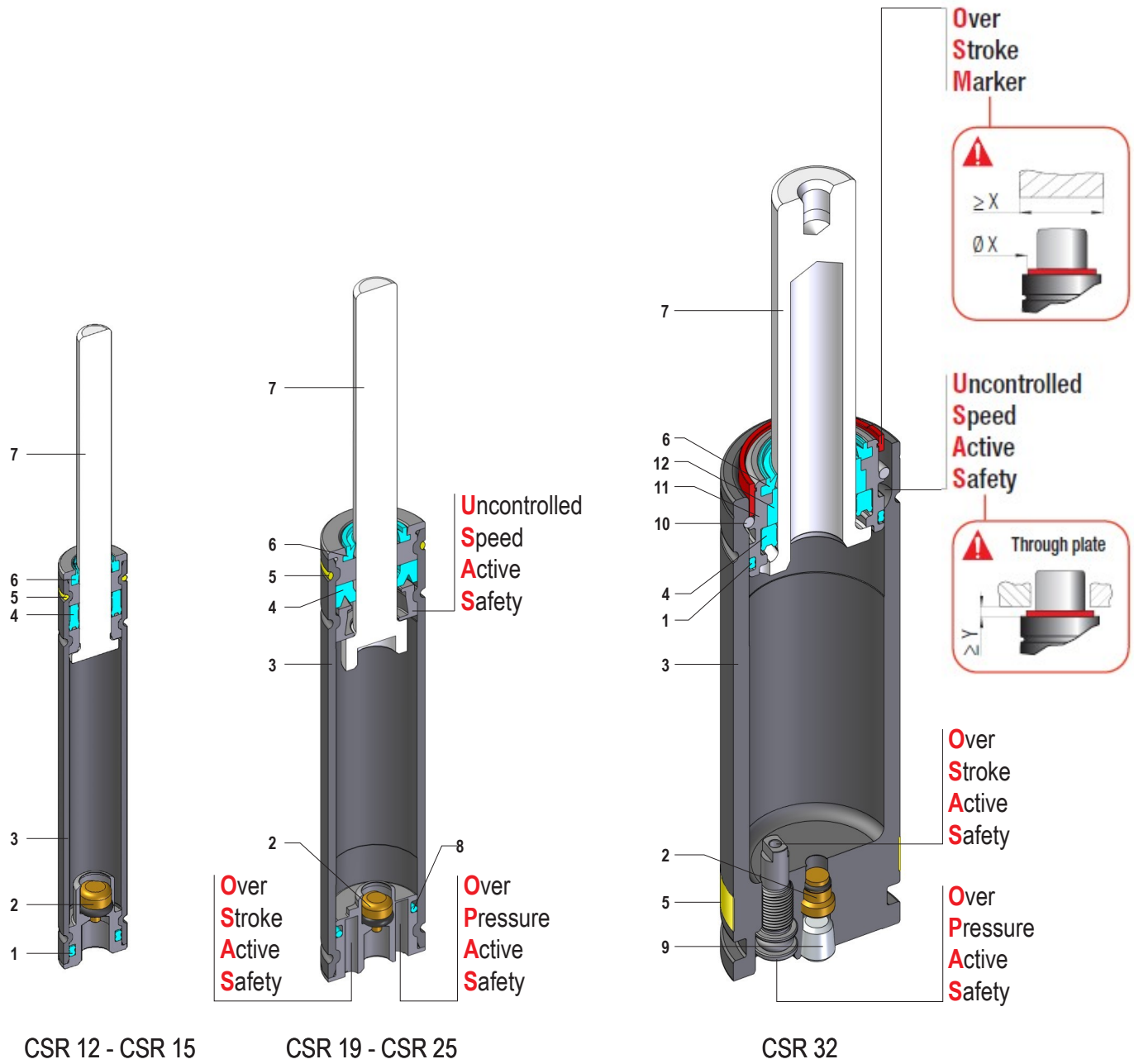


VDI	BMW	FCA
Ford	MB	Nissan
PSA	VW	








Mini cilindri - Mini cylinders - Mini Gasdruckfedern
Mini-ressorts - Mini cilindros - Mini-cilindros

SEALING	ROD SEAL	
DESIGN	RETAINING GROOVE DESIGN	BUSH-BODY DESIGN (CSR 32 only)

1	Dual ring seal	5	Force color code	9	Stopper
2	Valve	6	Rod wiper	10	Retaining ring
3	Body	7	Rod (Nitrited Superfinished)	11	Bush
4	Rod seal	8	O-ring	12	Guide ring

RANGE CHART

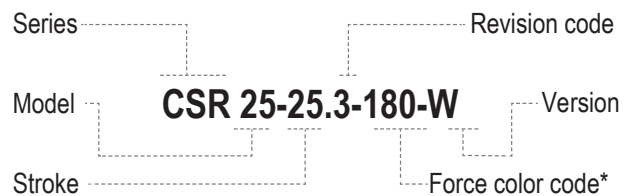
Model	Rev.	Body Ø		Stroke Cu		Initial force F0						
		Self contained	mm	inch	mm	inch	daN	lb	OSAS	USAS	OPAS	SKUDO
CSR 12	.2	12	0.47	7-125	0.28 - 4.92	6-50	13-112	-	-	-	-	✓
CSR 12 TBI	.2	5/8" 11 UNC		7-125	0.28 - 4.92	6-50	13-112	-	-	-	-	-
CSR 12 TBM1	.2	M 16 X 1,5		7-125	0.28 - 4.92	6-50	13-112	-	-	-	-	-
CSR 12 TBM2	.2	M 16 X 2		7-125	0.28 - 4.92	6-50	13-112	-	-	-	-	-
CSR 12 TEM	.2	M 16 X 2		7-125	0.28 - 4.92	6-50	13-112	-	-	-	-	-
CSR 15	.2	15	0.59	7-125	0.28 - 4.92	8-70	18-157	-	-	-	-	✓
CSR 19	.3	19	0.75	7-125	0.28 - 4.92	5-90	11-202	✓	✓	✓	-	✓
CSR 19 TBM	.3	M 24 X 1,5		7-125	0.28 - 4.92	5-90	11-202	✓	✓	✓	-	-
CSR 19 TEM	.3	M 24 X 1,5		7-125	0.28 - 4.92	5-90	11-202	✓	✓	✓	-	-
CSR 19 TBI	.3	1" 8 THD		7-125	0.28 - 4.92	5-90	11-202	✓	✓	✓	-	-
CSR 25	.3	25	0.98	7-125	0.28 - 4.92	17-200	38-450	✓	✓	✓	-	✓
CSR 32	.3	32	1.26	7-125	0.28 - 4.92	280-320	180-719	✓	✓	✓	-	✓

✓ Built-in as standard

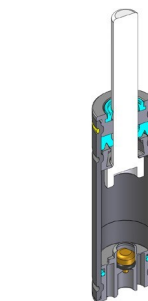
✓ Optional upon request

Model	*Force color code	P		F0	
		bar	psi	daN	lb
CSR 12	13 (Green)	45	653	13	29
CSR 12 TBI	25 (Blue)	90	1305	25	56
CSR 12 TBM1	38 (Red)	135	1958	38	85
CSR 12 TBM2	50 (Yellow)	180	2610	50	112
CSR 12 TEM	0 (Black)	20-180	290-2610	6-50	13-112
CSR 15	18 (Green)	45	653	18	40
	35 (Blue)	90	1305	35	79
	50 (Red)	135	1958	50	112
	70 (Yellow)	180	2610	70	157
	0 (Black)	20-180	290-2610	8-70	18-157
CSR 19	5 (Orange)	10	145	5	11
	10 (Purple)	20	290	10	22
	30 (Green)	60	870	30	67
	50 (Blue)	100	1450	50	112
	70 (Red)	140	2030	70	157
	90 (Yellow)	180	2610	90	202
CSR 19 TBI	0 (Black)	10-180	145-2610	5-90	11-202
	17 (Orange)	15	218	17	38
CSR 25	28 (Purple)	25	363	28	63
	50 (Green)	45	653	50	112
	100 (Blue)	90	1305	100	225
	150 (Red)	135	1958	150	337
	200 (Yellow)	180	2610	200	450
	0 (Black)	10-180	145-2610	11-200	25-450
CSR 32	80 (Green)	45	653	80	180
	160 (Blue)	90	1305	160	360
	240 (Red)	135	1958	240	540
	320 (Yellow)	180	2610	320	719
0 (Black)	10-180	145-2610	18-320	40-719	

HOW TO ORDER



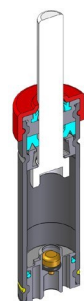
Available versions



CSR 25-25.3-180
Standard code



Self contained



CSR 25-25.3-180-W
Add "-W" to standard code



Self contained



+
Secondary wiper