

# SAD



## Applications

Inclined lifts, cable cars

## Closed system

No external tank required

## Surface Protection

Housing: zinc plated / Piston rod: chrome plated

## Security

Limit switch according DIN EN 50047

## Temperature

-30°C - +50°C (-22°F - 122°F)

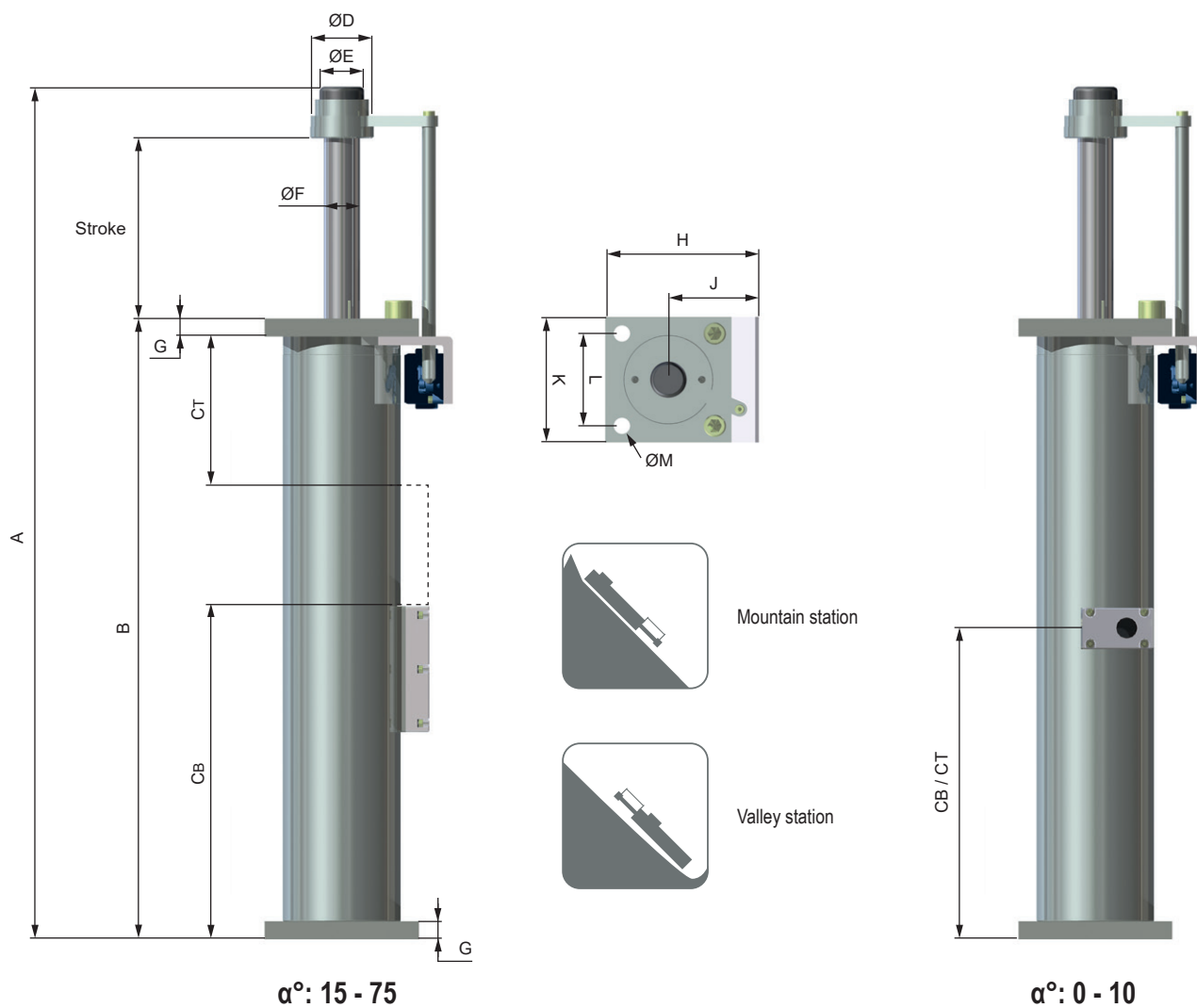
## TÜV EC type-examination

DIN EN 81-22

## RoHS - conform

Directive 2002/95/EC





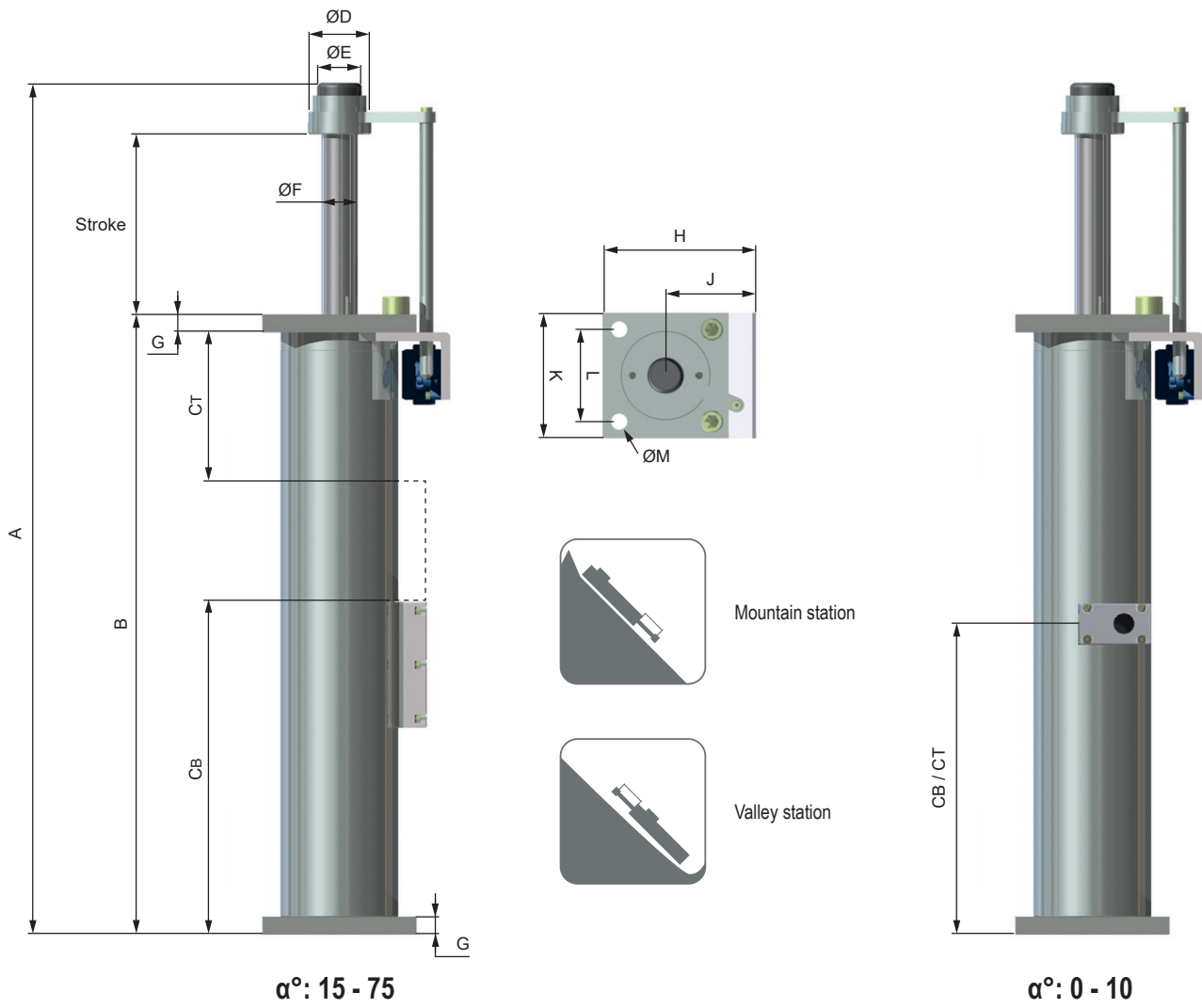
**DIMENSIONS**

A	B	D	E	F	G	H	J	K	L	M
mm (inch)										
1187 (46.73)	930 (36.61)	70 (2.76)	49 (1.93)	40 (1.57)	20 (0.79)	207 (8.15)	122 (4.8)	170 (6.69)	125 (4.92)	22 (0.87)

**PERFORMANCE**

Stroke mm (inch)	Mountain station CB		Valley station CT		max. Impact speed m/s (ft/s)	Mass (kg) at inclination angle (°)		
	mm (inch)	α°	mm (inch)	α°		α°	min. kg (min. lbs)	max. kg (max. lbs)
200 (7.87)	465 (18.31)	0	465 (18.31)	0	1,3 (4.27)	0	1574 (3471)	15740 (34707)
	465 (18.31)	5	465 (18.31)	5		5	1309 (2886)	13091 (28866)
	465 (18.31)	10	465 (18.31)	10		10	1122 (2474)	11217 (24733)
	525 (20.67)	15	385 (15.16)	15		15	983 (2168)	9831 (21677)
	525 (20.67)	20	385 (15.16)	20		20	877 (1934)	8773 (19344)
	325 (12.8)	25	185 (7.28)	25		25	794 (1751)	7944 (17517)
	325 (12.8)	30	185 (7.28)	30		30	728 (1605)	7284 (16061)
	325 (12.8)	35	185 (7.28)	35		35	675 (1488)	6750 (14884)
	325 (12.8)	40	185 (7.28)	40		40	631 (1391)	6315 (13925)
	325 (12.8)	45	185 (7.28)	45		45	596 (1314)	5958 (13137)
	325 (12.8)	50	185 (7.28)	50		50	566 (1248)	5664 (12489)
	325 (12.8)	55	185 (7.28)	55		55	542 (1195)	5424 (11960)
	325 (12.8)	60	185 (7.28)	60		60	523 (1153)	5228 (11528)
	325 (12.8)	65	185 (7.28)	65		65	507 (1118)	5070 (11179)
	325 (12.8)	70	185 (7.28)	70		70	495 (1091)	4947 (10908)
325 (12.8)	75	185 (7.28)	75	75	485 (1069)	4854 (10703)		

# SAS-50-550

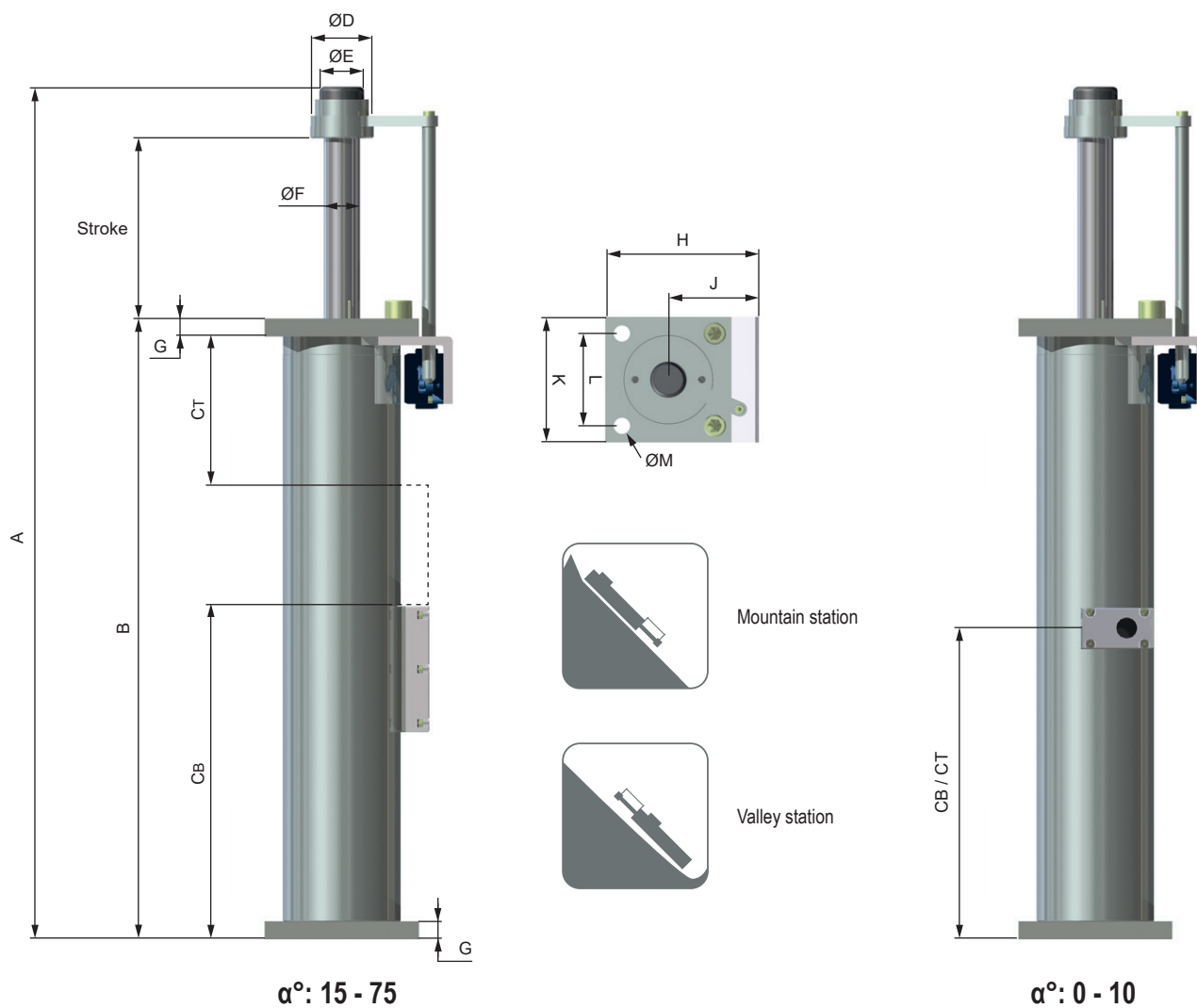


## DIMENSIONS

A	B	D	E	F	G	H	J	K	L	M
mm (inch)										
1867 (73.5)	1260 (49.61)	70 (2.76)	49 (1.93)	40 (1.57)	20 (0.79)	207 (8.15)	122 (4.8)	170 (6.69)	125 (4.92)	22 (0.87)

## PERFORMANCE

Stroke mm (inch)	Mountain station CB		Valley station CT		max. Impact speed m/s (ft/s)	Mass (kg) at inclination angle (°)		
	mm (inch)	α°	mm (inch)	α°		α°	min. kg (min. lbs)	max. kg (max. lbs)
550 (21.65)	630 (24.8)	0	630 (24.8)	0	2,3 (7.55)	0	1376 (3034)	13762 (30345)
	630 (24.8)	5	630 (24.8)	5		5	1168 (2576)	11684 (25763)
	630 (24.8)	10	630 (24.8)	10		10	1016 (2240)	10162 (22407)
	525 (20.67)	15	385 (15.16)	15		15	901 (1987)	9007 (19860)
	525 (20.67)	20	385 (15.16)	20		20	811 (1788)	8106 (17874)
	349 (13.74)	25	209 (8.23)	25		25	739 (1629)	7391 (16297)
	349 (13.74)	30	209 (8.23)	30		30	681 (1502)	6813 (15023)
	349 (13.74)	35	209 (8.23)	35		35	634 (1398)	6342 (13984)
	349 (13.74)	40	209 (8.23)	40		40	595 (1312)	5954 (13129)
	349 (13.74)	45	209 (8.23)	45		45	563 (1241)	5635 (12425)
	349 (13.74)	50	209 (8.23)	50		50	537 (1184)	5370 (11841)
	349 (13.74)	55	209 (8.23)	55		55	515 (1136)	5152 (11360)
	349 (13.74)	60	209 (8.23)	60		60	497 (1096)	4974 (10968)
	349 (13.74)	65	209 (8.23)	65		65	483 (1065)	4831 (10652)
	349 (13.74)	70	209 (8.23)	70		70	472 (1041)	4718 (10403)
	349 (13.74)	75	209 (8.23)	75		75	463 (1021)	4633 (10216)



### DIMENSIONS

A	B	D	E	F	G	H	J	K	L	M
mm (inch)										
2867 (112.87)	1860 (73.23)	70 (2.76)	49 (1.93)	40 (1.57)	20 (0.79)	207 (8.15)	122 (4.8)	170 (6.69)	125 (4.92)	22 (0.87)

### PERFORMANCE

Stroke mm (inch)	Mountain station CB		Valley station CT		max. Impact speed m/s (ft/s)	Mass (kg) at inclination angle (°)		
	mm (inch)	α°	mm (inch)	α°		α°	min. kg (min. lbs)	max. kg (max. lbs)
950 (37.40)	930 (36.61)	0	930 (36.61)	0	3.0 (9.84)	0	1120 (2470)	11200 (24696)
	930 (36.61)	5	930 (36.61)	5		5	949 (2093)	9488 (20921)
	930 (36.61)	10	930 (36.61)	10		10	824 (1817)	8238 (18165)
	635 (25)	15	495 (19.49)	15		15	729 (1607)	7292 (16079)
	635 (25)	20	495 (19.49)	20		20	656 (1446)	6556 (14456)
	459 (18.07)	25	319 (12.56)	25		25	597 (1316)	5973 (13170)
	459 (18.07)	30	319 (12.56)	30		30	550 (1213)	5502 (12132)
	459 (18.07)	35	319 (12.56)	35		35	512 (1129)	5119 (11287)
	459 (18.07)	40	319 (12.56)	40		40	480 (1058)	4804 (10593)
	459 (18.07)	45	319 (12.56)	45		45	454 (1001)	4545 (10022)
	459 (18.07)	50	319 (12.56)	50		50	433 (955)	4330 (9548)
	459 (18.07)	55	319 (12.56)	55		55	415 (915)	4154 (9160)
	459 (18.07)	60	319 (12.56)	60		60	401 (884)	4009 (8840)
	459 (18.07)	65	319 (12.56)	65		65	389 (858)	3893 (8584)
	459 (18.07)	70	319 (12.56)	70		70	380 (838)	3802 (8383)
459 (18.07)	75	319 (12.56)	75	75	373 (822)	3733 (8231)		