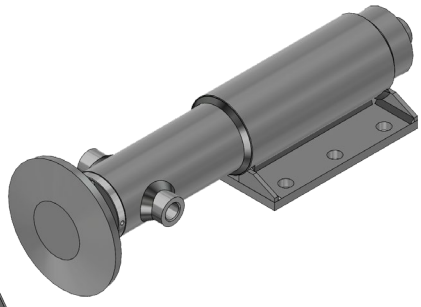
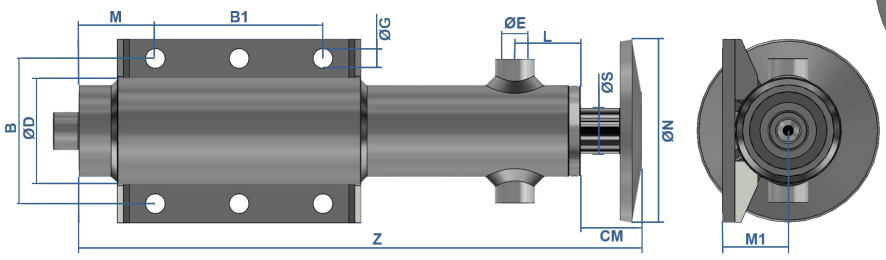
HMS HYDRAULIC CYLINDERS

DOUBLE / SINGLE* ACTING HYDRAULIC CYLINDER (*=S/A WITH USE OF A BREATHER)
MAX PRESSURE = 210 BAR (CONTINUOUS) ► 250 BAR (INTERMITTENT)
MAX SPEED = 0.5 M/S
OPERATING TEMPERATURE (°C) = +80°C TO -25°C
TUBE MATERIAL = STEEL - ST52.3 - DIN2393 - ISO H9
ROD MATERIAL = STEEL - UNI C45 (SAE 1045) - 25 MICRON (±5) - EN8 GRADE

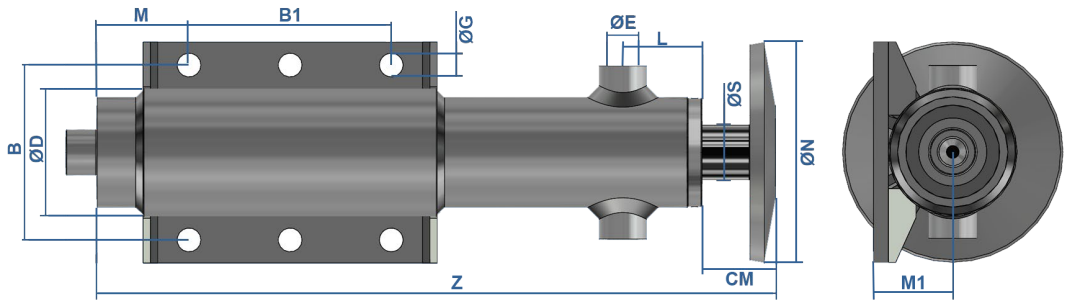




ORDER CODE	BORE Ø(mm)	D Ø(mm)	S Ø(mm)	Z (mm)	STROKE (mm)	E Ø(bsp)	L (mm)	CM (mm)	N Ø(mm)	M1 (mm)	B (mm)	M (mm)	B1 (mm)	G Ø(mm)	WEIGHT (kgs)
HMS1250200				369	200										6.36
HMS1250300				469	300										7.30
HMS1250400	40	50	25	569	400	3/8"	40	40	110	38	85	50	100	13	8.23
HMS1250500				669	500										9.17
HMS1250600				769	600										10.11
HMS2300200				369	200										8.19
HMS2300300				469	300										9.42
HMS2300400	50	60	30	569	400	3/8"	43	40	120	43	95	50	110	13	10.65
HMS2300500				669	500										11.87
HMS2300600				769	600										13.11
HMS3350200				371	200										11.10
HMS3350300				471	300										12.65
HMS3350400	60	70	35	571	400	3/8"	50	40	130	50	105	53	125	13	14.20
HMS3350500				671	500										15.75
HMS3350600				771	600										17.30
HMS3400200				371	200										11.65
HMS3400300				471	300										13.43
HMS3400400	60	70	40	571	400	3/8"	50	40	130	50	105	53	125	13	15.21
HMS3400500				671	500										16.99
HMS3400600				771	600										18.77
HMS4400200				410	200										14.16
HMS4400300				510	300										15.83
HMS4400400	70	80	40	610	400	1/2"	50	50	150	55	120	53	125	15	17.51
HMS4400500				710	500										19.18
HMS4400600				810	600										20.85
HMS4500200				410	200										14.70
HMS4500300				510	300										16.60
HMS4500400	70	80	50	610	400	1/2"	50	50	150	55	120	53	125	15	18.51
HMS4500500				710	500										19.49
HMS4500600				810	600										22.31
HMS5400200				410	200										17.69
HMS5400300				510	300										19.72
HMS5400400	80	90	40	610	400	1/2"	60	50	160	62	125	58	145	15	21.74
HMS5400500				710	500										23.77
HMS5400600				810	600										25.80
HMS5500200				410	200										19.04
HMS5500300				510	300										21.62
HMS5500400	80	90	50	610	400	1/2"	60	50	160	62	125	58	145	15	24.20
HMS5500500				710	500										26.78
HMS5500600				810	600										29.36
HMS09040200				410	200										20.30
HMS09040300				510	300										22.45
HMS09040400	90	100	40	610	400	1/2"	60	50	170	67	135	60	150	15	24.59
HMS09040500				710	500										26.74
HMS09040600				810	600										28.29

PLEASE NOTE THAT THE 'HMS' CLINDER RANGE IS NOT AVAILABLE IN RAMPARTS® KIT FORMAT.

HMS HYDRAULIC CYLINDERS



ORDER CODE	BORE Ø(mm)	D Ø(mm)	S Ø(mm)	Z (mm)	STROKE (mm)	E Ø(bsp)	L (mm)	CM (mm)	N Ø(mm)	M1 (mm)	B (mm)	M (mm)	B1 (mm)	G Ø(mm)	WEIGHT (kgs)
HMS09050200	90	100	50	410	200	1/2"	60	50	170	67	135	60	150	15	21.65
HMS09050300				510	300										24.35
HMS09050400				610	400										27.05
HMS09050500				710	500										29.76
HMS09050600				810	600										32.46
HMS6500200	100	110	50	420	200	1/2"	82	60	180	73	145	60	170	15	26.92
HMS6500300				520	300										29.74
HMS6500400				620	400										32.57
HMS6500500				720	500										35.39
HMS6500600				820	600										38.22
HMS6600200	100	110	60	420	200	1/2"	82	60	180	73	145	60	170	15	28.61
HMS6600300				520	300										32.11
HMS6600400				620	400										35.61
HMS6600500				720	500										39.11
HMS6600600				820	600										42.61

HMSA HYDRAULIC CYLINDERS

ORDER CODE	STROKE (mm)	BORE Ø(mm)	B (mm)	C (mm)	D (mm)	CAPACITY AT 100 BAR (Kgs)	CAPACITY AT 180 BAR (Kgs)	WEIGHT (Kgs)
HMSA65	250	65	80	160	8	3300	5900	17
HMSA85	250	85	100	220	10	5700	10200	23

FOLD DOWN STABILISER LEG CYLINDER
SINGLE ACTING SPRING RETURN
MAX PRESSURE = 180 BAR

