

BD, BMD, BMS, BS-series, block cylinders



Versatile, all purpose cylinder

Six clamping capabilities, enables you to choose the right size for your application

Variety of strokes, to meet design needs

Double acting and single-acting (spring return), allows selection of cylinder that best conforms to your hydraulic system

Oil connection alternatives: cylinders incorporate both manifold mount and plumbed options to meet your fixturing needs

Compact cylinder design does not require large amounts of space on your fixture

Integral wiper ring, keeps contaminants out of cylinder to extend life

Piston Dia- meter	Rod Dia- meter	Clamping Force at 350 Bar		Stroke	Model Number	Model Number		Effective Area		Oil Capacity		Wt.	
		kN				Manifold O-ring oil port	BSPP threaded oil port	cm ²		cm ³			
mm	mm	push	pull	mm				S/A	D/A	push	pull	push	pull
20,0	12,0	10,9	-	8,0	BMS-1082	BS-1082	•	-	3,1	-	2,5	-	0,9
20,0	12,0	10,9	-	18,0	BMS-10182	BS-10182	•	-	3,1	-	5,7	-	1,2
25,0	16,0	17,0	-	10,0	BMS-18102	BS-18102	•	-	4,9	-	4,9	-	1,3
25,0	16,0	17,0	-	25,0	BMS-18252	BS-18252	•	-	4,9	-	12,3	-	1,8
40,0	25,0	43,6	-	12,0	BMS-40122	BS-40122	•	-	12,6	-	15,1	-	2,0
40,0	25,0	43,6	-	25,0	BMS-40252	BS-40252	•	-	12,6	-	31,4	-	2,7
50,0	32,0	68,2	-	12,0	BMS-70122	BS-70122	•	-	19,6	-	23,6	-	3,3
50,0	32,0	68,2	-	25,0	BMS-70252	BS-70252	•	-	19,6	-	49,1	-	4,4
80,0	50,0	174,9	-	20,0	BMS-180202	BS-180202	•	-	50,2	-	100,5	-	12,0
100,0	63,0	273,4	-	25,0	BMS-280252	BS-280252	•	-	78,5	-	196,3	-	19,0
20,0	12,0	11,0	7,0	16,0	BMD-10162	BD-10162	-	•	3,1	2,0	5,0	3,2	0,9
20,0	12,0	11,0	7,0	36,0	BMD-10362	BD-10362	-	•	3,1	2,0	11,3	7,2	1,2
25,0	16,0	17,2	10,1	20,0	BMD-18202	BD-18202	-	•	4,9	2,9	9,8	5,8	1,3
25,0	16,0	17,2	10,1	50,0	BMD-18502	BD-18502	-	•	4,9	2,9	24,5	14,8	1,8
40,0	25,0	44,0	26,8	25,0	BMD-40252	BD-40252	-	•	12,6	6,3	31,4	15,8	1,9
40,0	25,0	44,0	26,8	50,0	BMD-40502	BD-40502	-	•	12,6	6,3	62,8	31,6	2,6
50,0	32,0	68,7	40,6	25,0	BMD-70252	BD-70252	-	•	19,6	11,6	49,1	29,0	3,2
50,0	32,0	68,7	40,6	50,0	BMD-70502	BD-70502	-	•	19,6	11,6	98,2	58,0	4,3
80,0	50,0	175,8	107,2	25,0	BMD-180252	BD-180252	-	•	50,2	30,6	125,6	76,6	9,3
80,0	50,0	175,8	107,2	50,0	BMD-180502	BD-180502	-	•	50,2	30,6	251,2	153,1	11,5
100,0	63,0	274,8	165,7	28,0	BMD-280282	BD-280282	-	•	78,5	47,3	219,8	132,6	14,7
100,0	63,0	274,8	165,7	56,0	BMD-280562	BD-280562	-	•	78,5	47,3	439,6	265,16	18,2