

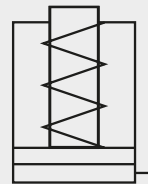
DC SERIES

Single-Acting, Collar Threads Cylinders

- Collar threads are standard features on all DC-Series models, simplifying fixtures applications.
- Hard chrome plated piston rod and inner cylinder barrel resists wear and corrosion.
- Increased durability with solid steel cylinder body.
- Maximum sized springs speed piston return and increase spring life.
- Stop ring for piston blow-out protection.
- Powder-coated nitride finishing for increased corrosion resistance and antirust features.
- 3/8" NPTF female coupler and dust cap included for all models.



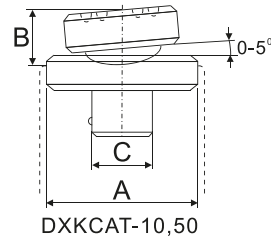
DC-256



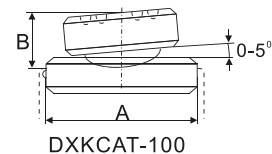
Single-Acting

Collar threads Cylinder
Spring return

Capacity	5-100 ton
Stroke	16-362 mm
Maximum Operating Pressure	700 bar



DXKCAT-10,50



DXKCAT-100

Optional Saddle Dimensions (mm)

Cylinder Model/Cap. (ton)	Model Number Type: Tilt	A	B	C
DC-10, DC-15 Except DC-101	DXKCAT-10	35	15	22
DC-25, DC-30	DXKCAT-50	50	23	35
DC-50, DC-75, DC-100	DXKCAT-100	71	24	-



Saddle

DC-Series are equipped with hardened removable grooved saddles.

For tilt saddle to fit.



Use in combination with our hydraulic pumps and accessories

Basic system set-up include cylinder, male/female coupler, hose, pressure gauge, gauge accessories and pump.

Please contact DURAJACK office nearest to you for advice and technical assistance in the layout of your ideal.

Handle Type

(S) - Standard equipped
(C) - Customer order



Weldable



Eyebolt



Removable
strap handles



Thread

Handle type		Model Number	Cylinder Capacity	Stroke	Cylinder Effective Area	Oil Capacity	Collapsed Height	Plunger internal Thread	Weight
(C)	(S)		ton (kN)	(mm)	(cm ²)	(cm ³)	A (mm)	O (in)	(kg)
		DC-50	5 (45)	16	6.5	10	41	* *	1.0
		DC-51		25	6.5	16	110	3/4"-16	1.0
		DC-53		76	6.5	50	165	3/4"-16	1.5
		DC-55		127	6.5	83	215	3/4"-16	1.9
		DC-57		177	6.5	115	273	3/4"-16	2.4
		DC-59		232	6.5	151	323	3/4"-16	2.8
		DC-101	10 (101)	26	14.5	38	89	#10-24UN	1.8
		DC-102		54	14.5	78	121	1"-8	2.3
		DC-104		105	14.5	152	171	1"-8	3.3
		DC-106		156	14.5	226	247	1"-8	4.4
		DC-108		203	14.5	294	298	1"-8	5.4
		DC-1010		257	14.5	373	349	1"-8	6.4
		DC-1012		304	14.5	441	400	1"-8	6.8
		DC-1014		356	14.5	516	450	1"-8	8.2
		DC-151	15 (142)	25	20.3	51	124	1"-8	3.3
		DC-152		51	20.3	104	149	1"-8	4.1
		DC-154		101	20.3	205	200	1"-8	5.0
		DC-156		152	20.3	308	271	1"-8	6.8
		DC-158		203	20.3	411	322	1"-8	8.2
		DC-1510		254	20.3	516	373	1"-8	9.5
		DC-1512		305	20.3	619	423	1"-8	10.9
		DC-1514		356	20.3	723	474	1"-8	11.8
		DC-251	25 (232)	26	33.2	86	139	1 1/2"-16	5.9
		DC-252		50	33.2	166	165	1 1/2"-16	6.4
		DC-254		102	33.2	339	215	1 1/2"-16	8.2
		DC-256		158	33.2	525	273	1 1/2"-16	10.0
		DC-258		210	33.2	697	323	1 1/2"-16	12.2
		DC-2510		261	33.2	867	374	1 1/2"-16	14.1
		DC-2512		311	33.2	1033	425	1 1/2"-16	16.3
		DC-2514		362	33.2	1202	476	1 1/2"-16	17.7
		DC-308	30 (295)	209	42.1	880	387	—	18.1
	T	DC-502	50 (498)	51	71.2	362	176	—	15.0
	T	DC-504		101	71.2	719	227	—	19.1
	T	DC-506		159	71.2	1131	282	—	23.1
	R	DC-5013		337	71.2	2399	460	—	37.6
	R	DC-756	75 (718)	156	102.6	1601	285	—	29.5
	R	DC-7513		333	102.6	3417	492	—	59.0
R	W	DC-1004	100 (933)	102	133.3	1355	204	—	33.1
R	E	DC-1006		168	133.3	2239	357	—	59.0
R	E	DC-1008		203	133.3	2709	357	—	59.0
R	E	DC-10010		260	133.3	3466	449	—	72.6

* DC-50 cylinder has non-removable grooved saddle and no collar thread.

Model Number	Cylinder Capacity	Stroke	Cylinder Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diam.	Cyl. Bore Diam.	Plunger Diam.	Base to Adv. Port	Saddle Diam.	Saddle Protrusion from Plngr.
	ton (kN)	(mm)	(cm²)	(cm³)	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	H (mm)	J (mm)	K (mm)
DC-50	5 (45)	16	6.5	10	41	57	58	28.7	25.4	19	*	*
DC-51		25	6.5	16	110	135	38	28.7	25.4	19	25	6
DC-53		76	6.5	50	165	241	38	28.7	25.4	19	25	6
DC-55		127	6.5	83	215	342	38	28.7	25.4	19	25	6
DC-57		177	6.5	115	273	450	38	28.7	25.4	19	25	6
DC-59		232	6.5	151	323	555	38	28.7	25.4	19	25	6
DC-101	10 (101)	26	14.5	38	89	115	57	42.9	38.1	19	—	—
DC-102		54	14.5	78	121	175	57	42.9	38.1	19	35	6
DC-104		105	14.5	152	171	276	57	42.9	38.1	19	35	6
DC-106		156	14.5	226	247	403	57	42.9	38.1	19	35	6
DC-108		203	14.5	294	298	501	57	42.9	38.1	19	35	6
DC-1010		257	14.5	373	349	606	57	42.9	38.1	19	35	6
DC-1012		304	14.5	441	400	704	57	42.9	38.1	19	35	6
DC-1014		356	14.5	516	450	806	57	42.9	38.1	19	35	6
DC-151	15 (142)	25	20.3	51	124	149	69	50.8	41.4	19	38	9
DC-152		51	20.3	104	149	200	69	50.8	41.4	19	38	9
DC-154		101	20.3	205	200	301	69	50.8	41.4	19	38	9
DC-156		152	20.3	308	271	423	69	50.8	41.4	25	38	9
DC-158		203	20.3	411	322	525	69	50.8	41.4	25	38	9
DC-1510		254	20.3	516	373	627	69	50.8	41.4	25	38	9
DC-1512		305	20.3	619	423	728	69	50.8	41.4	25	38	9
DC-1514		356	20.3	723	474	830	69	50.8	41.4	25	38	9
DC-251	25 (232)	26	33.2	86	139	165	85	65.0	57.2	25	50	10
DC-252		50	33.2	166	165	215	85	65.0	57.2	25	50	10
DC-254		102	33.2	339	215	317	85	65.0	57.2	25	50	10
DC-256		158	33.2	525	273	431	85	65.0	57.2	25	50	10
DC-258		210	33.2	697	323	533	85	65.0	57.2	25	50	10
DC-2510		261	33.2	867	374	635	85	65.0	57.2	25	50	10
DC-2512		311	33.2	1033	425	736	85	65.0	57.2	25	50	10
DC-2514		362	33.2	1202	476	838	85	65.0	57.2	25	50	10
DC-308	30 (295)	209	42.1	880	387	596	101	73.2	57.2	57	50	10
DC-502	50 (498)	51	71.2	362	176	227	127	95.2	79.5	33	71	2
DC-504		101	71.2	719	227	328	127	95.2	79.5	33	71	2
DC-506		159	71.2	1131	282	441	127	95.2	79.5	35	71	2
DC-5013		337	71.2	2399	460	797	127	95.2	79.5	35	71	2
DC-756	75 (718)	156	102.6	1601	285	441	146	114.3	95.2	30	71	5
DC-7513		333	102.6	3417	492	825	146	114.3	95.2	30	71	5
DC-1004	100 (933)	102	133.3	1355	204	306	177	130.3	104.9	41	71	2
DC-1006		168	133.3	2239	357	525	177	130.3	104.9	41	71	2
DC-1008		203	133.3	2709	357	576	177	130.3	104.9	41	71	2
DC-10010		260	133.3	3466	449	709	177	130.3	104.9	41	71	2

* DC-50 cylinder has non-removable grooved saddle and no collar thread.
** D1=41mm ; L=20mm ; M=25mm

Plunger Internal Thread	Plunger Thread Length	Base Mounting Holes			Collar Thread	Collar Thread Length	Wt. (kg)	Model Number
		Bolt Circle	Thread	Thread Depth				
O (in)	P (mm)	U (mm)	V (in)	Z (mm)	W (in)	X (mm)	(kg)	
**	*	28	5.6mm	—	—	—	1.0	DC-50
3/4"-16	14	25	1/4"-20UN	14	1 1/2"-16	28	1.0	DC-51
3/4"-16	14	25	1/4"-20UN	14	1 1/2"-16	28	1.5	DC-53
3/4"-16	14	25	1/4"-20UN	14	1 1/2"-16	28	1.9	DC-55
3/4"-16	16	25	1/4"-20UN	14	1 1/2"-16	28	2.4	DC-57
3/4"-16	16	25	1/4"-20UN	14	1 1/2"-16	28	2.8	DC-59
#10-24UN	6	39	5/16"-18UN	12	2 1/4"-14	26	1.8	DC-101
1"-8	19	39	5/16"-18UN	12	2 1/4"-14	26	2.3	DC-102
1"-8	19	39	5/16"-18UN	12	2 1/4"-14	26	3.3	DC-104
1"-8	19	39	5/16"-18UN	12	2 1/4"-14	26	4.4	DC-106
1"-8	19	39	5/16"-18UN	12	2 1/4"-14	26	5.4	DC-108
1"-8	19	39	5/16"-18UN	12	2 1/4"-14	26	6.4	DC-1010
1"-8	19	39	5/16"-18UN	12	2 1/4"-14	26	6.8	DC-1012
1"-8	19	39	5/16"-18UN	12	2 1/4"-14	26	8.2	DC-1014
1"-8	25	47	3/8"-16UN	12	2 3/4"-16	30	3.3	DC-151
1"-8	25	47	3/8"-16UN	12	2 3/4"-16	30	4.1	DC-152
1"-8	25	47	3/8"-16UN	12	2 3/4"-16	30	5.0	DC-154
1"-8	25	47	3/8"-16UN	12	2 3/4"-16	30	6.8	DC-156
1"-8	25	47	3/8"-16UN	12	2 3/4"-16	30	8.2	DC-158
1"-8	25	47	3/8"-16UN	12	2 3/4"-16	30	9.5	DC-1510
1"-8	25	47	3/8"-16UN	12	2 3/4"-16	30	10.9	DC-1512
1"-8	25	47	3/8"-16UN	12	2 3/4"-16	30	11.8	DC-1514
1 1/2"-16	25	58	1/2"-13UN	19	3 5/16"-12	49	5.9	DC-251
1 1/2"-16	25	58	1/2"-13UN	19	3 5/16"-12	49	6.4	DC-252
1 1/2"-16	25	58	1/2"-13UN	19	3 5/16"-12	49	8.2	DC-254
1 1/2"-16	25	58	1/2"-13UN	19	3 5/16"-12	49	10.0	DC-256
1 1/2"-16	25	58	1/2"-13UN	19	3 5/16"-12	49	12.2	DC-258
1 1/2"-16	25	58	1/2"-13UN	19	3 5/16"-12	49	14.1	DC-2510
1 1/2"-16	25	58	1/2"-13UN	19	3 5/16"-12	49	16.3	DC-2512
1 1/2"-16	25	58	1/2"-13UN	19	3 5/16"-12	49	17.7	DC-2514
1 1/2"-16	25	—	—	—	3 5/16"-12	49	18.1	DC-308
—	—	95	1/2"-13UN	19	5"-12	55	15.0	DC-502
—	—	95	1/2"-13UN	19	5"-12	55	19.1	DC-504
—	—	95	1/2"-13UN	19	5"-12	55	23.1	DC-506
—	—	95	1/2"-13UN	19	5"-12	55	37.6	DC-5013
—	—	—	—	—	5 3/4"-12	44	29.5	DC-756
—	—	—	—	—	5 3/4"-12	44	59.0	DC-7513
—	—	—	—	—	6 7/8"-12	44	33.1	DC-1004
—	—	139	3/4"-10UN	25	6 7/8"-12	44	59.0	DC-1006
—	—	139	3/4"-10UN	25	6 7/8"-12	44	59.0	DC-1008
—	—	139	3/4"-10UN	25	6 7/8"-12	44	72.6	DC-10010

