

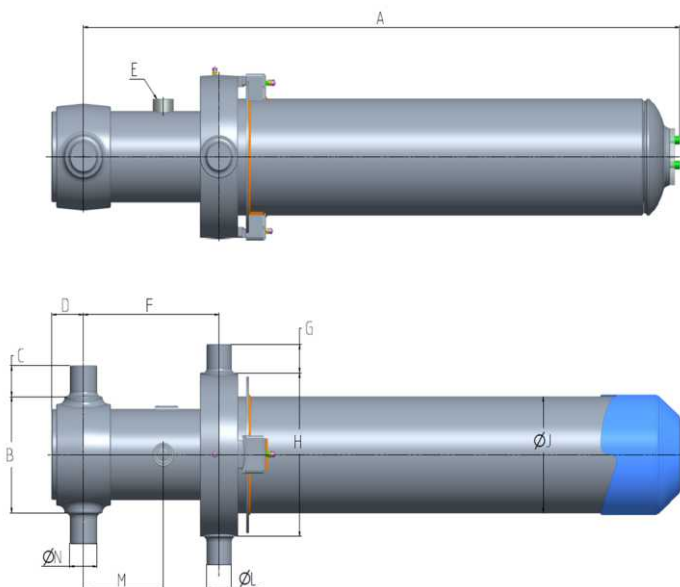
Diamond Front End Telescopic Cylinder - Cover Type

Features

- Piston bearings designed to withstand high compressive and side load
- Bigger size trunnion pins to withstand high bending and shear load
- Special wipers to prevent dust entry into the rams
- Secondary sealing systems for leak-free rams
- High-strength spring steel stoppers to withstand compressive and side load
- Wider piston bearings and rod guides to support rams under dynamic load
- External stopper rings to take relief pressure load at stroke end
- Positive locking for rod eye threads to arrest loosening
- Combination of fixed and floating trunnion for cylinders helps take side load and any misalignment between the mounting
- Double trunnion helps to increase the stability of the cylinder
- Payload of the tipper body increases as the DFC cylinders are used with straight front board design
- Shock absorbing rubber pad in the cylinder trunnion

Diamond Front End Telescopic Cylinder - Cover Type

MODEL	DIMENSIONS												SPECIFICATIONS					
	A	B	C	D	E	F	G	H	J	K	L	M	Stroke (mm)	Working Stages	Volume(Lts)	Pressure (Bar)	Weight (kgs)	Tipping Weight(ton)
DFC 110-3-2425	1050	163	65	60	1" BSP/SAE 323	323	65	201	177	65	60	190	2425	3	13.0	190	116	22-30
DFC 110-3-2500	1079	163	65	60	1" BSP/SAE 343	343	65	201	177	65	60	190	2500	3	13.5	190	117.2	22-30
DFC 110-3-3300	1347	163	65	60	1" BSP/SAE 343	343	65	201	177	65	60	190	3300	3	22.2	190	139.9	22-30
DFC 110-3-3380	1372	163	65	60	1" BSP/SAE 343	343	65	201	177	65	60	190	3380	3	22.6	190	142.4	22-30
DFC 110-3-2635 \$	1120	163	65	60	1" BSP/SAE 823	823	65	201	177	65	60	190	2635	3	14.1	190	112	22-30
DFC 110-3-2915	1217	163	65	60	1" BSP/SAE 343	343	65	201	177	65	60	190	2915	3	19.5	190	129	22-30
DFC 129-3-3571	1470	201	67	51	1" BSP/SAE 323	323	65	245	219	65	60	190	3571	3	34.6	190	183.7	35-45
DFC 129-4-4801	1470	201	67	60	1" BSP/SAE 323	323	65	335	219	60	60	170	4801	4	40.0	190	222.5	35-45
DFC 129-4-4801 \$	1468	201	67	60	1" BSP/SAE 1030	1030	65	335	219	60	60	190	4801	4	40.0	190	208	35-45
DFC 149-3-3501	1446	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	190	3501	3	46.7	190	241.9	40-50
DFC 149-3-3792	1543	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	190	3792	3	50.5	190	253.3	40-50
DFC 149-3-4270	1705	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	190	4270	3	56.9	190	269.4	40-50
DFC 149-4-4250	1349	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	190	4250	4	49.5	190	243.6	40-50
DFC 149-4-4500 \$	1404	201	67	51	1" BSP/SAE 1030	1030	65	335	219	60	60	190	4500	4	52.3	190	226	40-50
DFC 149-4-4525	1413	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	165	4525	4	52.7	190	252	40-50
DFC 149-4-4525	1413	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	215	4525	4	52.7	190	252	40-50
DFC 149-4-5110	1552	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	190	5110	4	60.0	190	272.5	40-50
DFC 149-4-5180	1578	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	190	5180	4	60.2	190	274.7	40-50
DFC 149-4-4630	1442	201	67	51	1" BSP/SAE 323	323	60	345	245	65	60	190	4630	4	53.7	190	256.7	40-50
DFC 169-3-3900	1646	245	65	75	1" BSP/SAE 373	373	60	345	245	65	60	190	4065	3	77.6	190	298	45-55
DFC 169-4-4505	1393	245	65	75	1" BSP/SAE 373	373	60	345	245	65	60	190	4505	4	70.2	190	285	45-55
DFC 169-4-4620	1417	245	65	75	1" BSP/SAE 323	323	60	345	245	65	60	215	4620	4	71.9	190	291.4	45-55
DFC 169-4-4620 \$	1417	245	65	75	1" BSP/SAE 679	679	60	345	245	65	60	215	4620	4	71.9	190	282.7	45-55
DFC 169-4-4630	1422	245	65	75	1" BSP/SAE 323	323	60	345	245	65	60	190	4630	4	72.3	190	294.4	45-55
DFC 169-4-4825	1471	245	65	75	1" BSP/SAE 323	323	60	345	245	65	60	240	4825	4	76.0	190	303	45-55
DFC 169-4-4825 \$	1471	245	65	75	1" BSP/SAE 650	650	60	345	245	65	60	190	4825	4	76.0	190	292.8	45-55
DFC 169-4-5180	1557	245	65	75	1" BSP/SAE 323	323	60	345	273	65	60	190	5180	4	82.1	190	332	45-55
DFC 169-4-5800	1716	245	65	75	1" BSP/SAE 323	323	60	345	245	65	60	190	5800	4	98.1	190	340.5	45-55
DFC 169-5-6135	1493	245	65	75	1" BSP/SAE 323	323	60	345	245	65	60	175	6135	5	85.0	190	329.7	45-55
DFC 169-5-6144 \$	1526	245	65	75	1" BSP/SAE 1050	1050	60	345	245	60	60	290	6144	5	84.8	190	305	45-55
DFC 169-4-4505	1411	245	65	75	1" BSP/SAE 323	323	60	345	245	65	60	190	4505	4	72.0	190	292	45-55
DFC 169-4-4825	1471	245	65	75	1" BSP/SAE 323	323	60	345	245	65	60	190	4825	4	76.0	190	301	45-55
DFC 169-4-5034	1523	245	65	75	1" BSP/SAE 323	323	60	345	245	65	60	190	5034	4	78.6	190	316.6	45-55
DFC 169-5-5800	1425	245	65	75	1" BSP/SAE 1030	1030	60	345	245	60	60	190	5800	5	80.0	190	291	45-55
DFC 169-5-7151	1694	245	65	78	1" BSP/SAE 323	323	60	345	245	60	60	170	7151	5	98.5	190	363.8	45-55
DFC 191-4-5355	1603	245	65	75	1" BSP/SAE 323	323	60	345	275	65	60	190	5365	4	109.4	190	367.5	50-60
DFC 191-5-6025	1471	245	65	75	1" BSP/SAE 323	323	60	345	275	65	60	240	6025	5	112.6	190	367.2	50-60
DFC 191-5-6180	1498	245	65	75	1" BSP/SAE 323	323	60	345	275	65	60	240	6180	5	112.6	190	380	50-60
DFC 191-4-4805	1498	245	65	75	1" BSP/SAE 323	323	60	345	275	65	60	190	4805	4	99.0	190	349	50-60
DFC 214-5-7130	1713	270	65	85	1" BSP/SAE 323	323	65	420	320	65	70	190	7130	5	177.5	190	551.5	60-70
DFC 238-5-7120	1722	320	70	85	1" BSP/SAE 323	323	65	420	320	70	70	180	7120	5	212.5	190	618.1	70-80



Notes:

Minimum cylinder mounting dimension, $K = F + 20\text{mm}$

\$ - These indicate Cylinder's with shorter cover tube.

- SAE Port Optional
- All dimensions are in mm
- Subject to change without notice

● Wipro Infrastructure Engineering

(T) +91 (80) 3929 2111

(F) +91 (80) 3929 4080

(E) winsales.india@wipro.com

(W) wiproinfra.com