



CONE CRUSHER DP SERIES

Proven Reliability
Progressive Performance

Salient Feature



Large feed opening



Modern, simple and effective design



Highly efficient design with maximum energy imparted for crushing



Minimum wear and operation cost



Low power consumption with high output



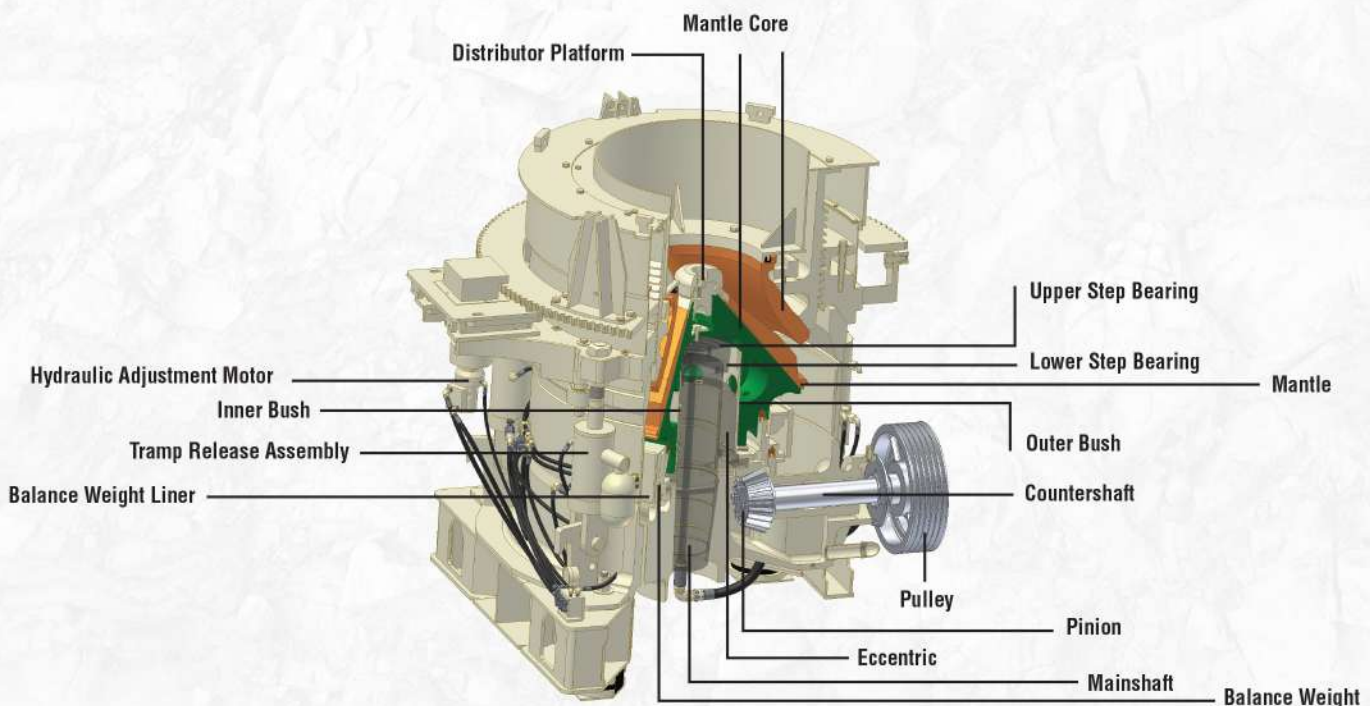
Excellent reliability due to the components produced in state of the art in house machining facility

DP1-A/ DP2-A /DP3-A, DP4-A High Speed Fully automatic cone crusher CMC-Diamond DP-A-series

Cone crusher combines speed,stroke and cavity design perfectly and can provide higher capacity and better product quality. It has wide application.

The Best Choice of Cone Crusher

- ▶ High Capacity
- ▶ Low operation and wear cost
- ▶ Less over size
- ▶ From road aggregate to crushed sand
- ▶ CMC - Diamond DPA series high speed cone crusher leads quarry and mining industry technology
- ▶ Large crushing ratio
- ▶ Long service life
- ▶ From limestone to Granite



PROTECTION DEVICE

If the oil temperature exceeds the set value or if the oil flow deceeds the set value,the crusher motor will trip to avoid any damage to the internal parts of the cone crusher.This protection device helps reduce downtime and increase life of the crusher.

Crusher Cavity Selection

CRUSHER SIZE	CAVITY	Maximum Feed Size (mm)	Minimum Setting CSS (mm)	Motor Rating Kw/HP
DP1-A	SS Sandmaster	30	8	90/120
	S(Fine)	60	9	
	F(Medium)	80	13	
	C(Coarse)	95	20	
	CC(Extra Course)	145	25	
DP2-A / DP2-S	SS Sandmaster	35	10	132/180
	S(Fine)	95	13	
	F(Medium)	125	18	
	C(Coarse)	160	21	
	CC(Extra Course)	185	30	
DP3-A/ DP3-S	SS Sandmaster	45	10	200/270
	S(Fine)	107	13	
	F(Medium)	180	20	
	C(Coarse)	220	22	
	CC(Extra Course)	250	30	
DP4-A/DP4-S	SS Sandmaster	40	10	250/340
	S(Fine)	111	18	
	F(Medium)	198	22	
	C(Coarse)	252	28	
	CC(Extra Course)	299	40	

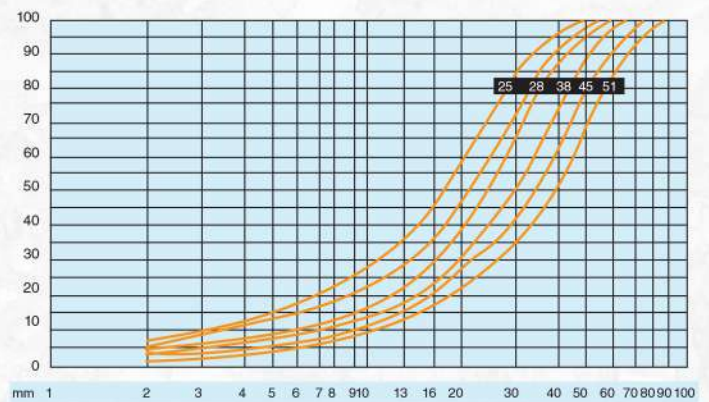
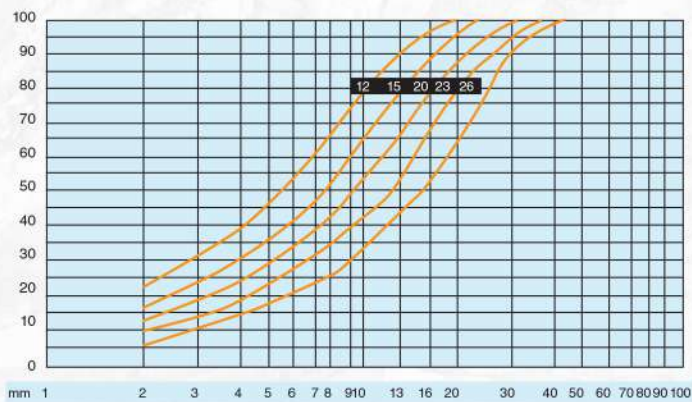
*DP2-A is automatic & DP2-S is semi automatic

Crushing Capacity at Various CSS

Size	Tone/Hour	6mm	8mm	10mm	13mm	16mm	19mm	22mm	25mm	32mm	38mm	45mm	51mm
DP1-A	T/H	45-52	47-57	52-66	57-76	66-85	71-90	76-95	80-104	95-133	206-245	246-436	460-626
DP2-A	T/H			86-116	116-146	136-176	146-186	156-196	166-216	186-231	296-376	406-556	
DP3-A	T/H			110-136	146-180	176-216	196-236	216-256	226-276	246-316	356-486		
DP4-A	T/H			136-171	180-226	221-276	250-316	270-340	290-366	320-426			

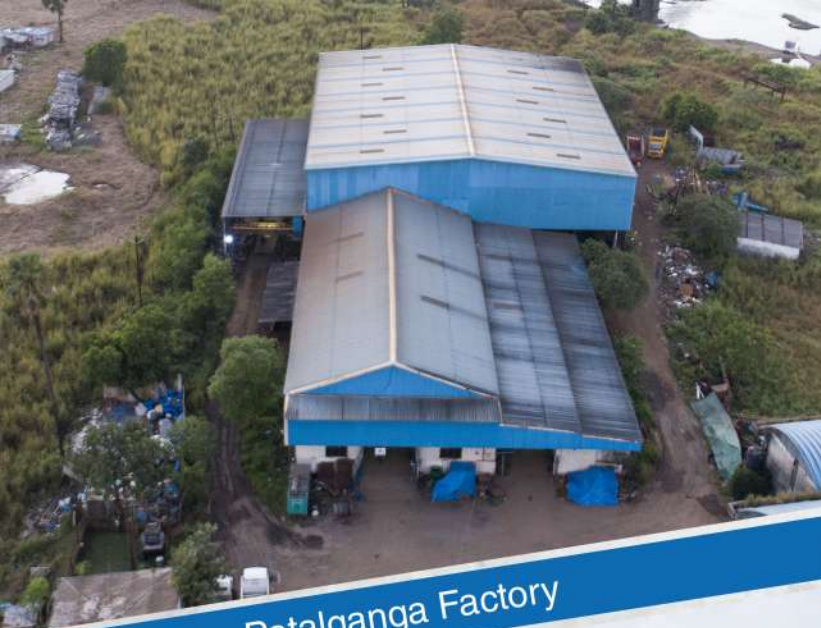
Note: Depending on rock properties capacity may vary by $\pm 8\%$

Cone crusher capacity charts are developed for use as an application tool to properly utilize the DPA series capabilities. The capacity figures shown apply to material weighing 100 pounds. Per cubic foot or 1600kg per cubic meter. The crusher is one component of the circuit. As such, its performance is in part dependent on the proper selection and operation of feeders, conveyors, screen, supporting structure electric motors, drive components and surge bins. For specific conditions and further information please contact



GRADATION CURVES

The gradation and capacities shown are dependent on the feed gradation, the crushing chamber, the material density, the material cleanliness, its moisture and its crush ability.



Patalganga Factory



Foundry



Hyderabad Factory



3

Factories

40+

Engineers

200+

Employees

Manufacturing
Capacity

700+

Machines Per Year

1,25,000

Sq.ft.

Factory Area

Single Piece
Casting

5,500 kgs

*The manufacturer is authorized to change the design and specifications to improve the quality of the product, or enhance ease of use as per his discretion.



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Manufacturing Units: Mumbai | Hyderabad | Bangalore

Spares Depot: Mumbai | Bangalore | Hyderabad | Nagpur | Haryana | Chennai

www.diamondcrusher.in

JV Partners



Group of Companies

