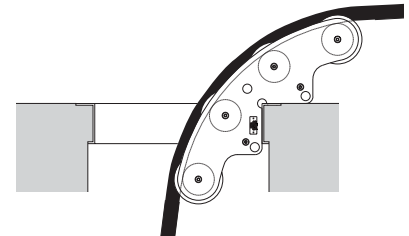


QUADRANTS & HANGERS

DCD quadrants are designed to withstand up to 10,000 lbs. working line load with a 3:1 safety factor. This means they can be used safely at either the entry end of the installation OR the exit end. The steel side plates along with the high strength bushings on each roller are all designed with strength, safety and weight in mind.

All quadrants have countersunk screws holding the rollers so there are no protrusions from the side plates and the hangers can travel the full arc of the quadrant.



Quadrant c/w Hanger	Quadrant only	Hanger only	Sheave only	Sheave Size W x Dia.	No. of Sheaves	Min. Cable Radius
32200-304	32210-304	32830-300	32900-307	3" x 7"	4	27-7/8"
32200-404	32210-404	32800-400	32900-407	4" x 7"	4	27-7/8"
32200-504	32210-504	32800-500	32900-507	5" x 7"	4	27-7/8"
32200-603	32210-603	32830-600	32900-611	6" x 11"	3	28-3/4"
32200-803	32210-803	32830-800	32900-811	8" x 11"	3	28-3/8"

SHEAVE DATA

All DCD sheaves are cast from 356-T6 aluminum. This is a heat treated material giving over 33,000 lbs of tensile strength making it one of the strongest types of aluminum castings available.

Each sheave is fitted with an Iron Bronze bushing that take either 1-1/4" or 3/4" diameter shafts. All DCD Sheave axles are made from hi-strength Chrome plated shafting. With almost twice the load bearing capability of regular bronze bushings, the DCD sheaves are designed to take the full load at either entry or exit points of the pull.

DCD also offers Flat Bottom Sheaves. The purpose of these sheaves is to allow parallel seating of 3 cables on the sheave – this prevents 'bunching' of the cables which in turn often causes one or more of them to ride up the side of a standard radiused sheave, possibly causing damage to the cable jackets. See table for sizes.



Part No.	Sheave OD	Sheave Width	Max. Cable Diameter	Root Diameter	Shaft Diameter
32900-202P	2-3/8"	2-1/4"	1-3/16"	1-1/8"	5/8"
32900-303	3"	3"	2-1/2"	1-1/2"	3/4"
32900-307	7"	3-3/8"	3"	4-1/2"	1-1/4"
32900-324	23-3/4"	3"	1-3/8"	21-1/4"	1-1/4"
32900-407	7"	4"	3-3/4"	3-3/4"	1-1/4"
32900-411	11"	4-3/8"	4"	7-1/2"	1-1/4"
32900-420	20"	4-3/4"	4"	17"	1-1/4"
32900-507	7"	4-3/4"	4-5/8"	3-3/4"	1-1/4"
32900-511	11"	5-3/8"	5"	6-1/2"	1-1/4"
32900-526	26-5/8"	5-3/8"	4-7/8"	22-1/2"	1-1/4"
32900-526F	26-5/8"	5-3/8"	3 x 1-1/2"	23-1/2"	1-1/4"
32900-611	11"	6-3/8"	5-7/8"	5-1/2"	1-1/4"
32900-620F	20-7/8"	6-3/8"	3 X 1-3/4"	17"	1-1/4"
32900-626	26-5/8"	6-3/8"	5-7/8"	21"	1-1/4"
32900-702	3"	7"	3/4"	1-1/2"	-
32900-811	11"	8-3/8"	8"	4-3/4"	1-1/4"
32900-811F	11"	8-3/8"	3 x 2-3/8"	6"	1-1/4"



Flat Bottom Sheave section shown with 3 cables side by side.

F designates Flat Bottom Sheave.
P designates Polyurethane Sheave.

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MANHOLE TOOLS

DCD