

FIBER OPTIC SHEAVES & QUADRANTS

For pulling Fiber Optic cable, DCD has a special series of sheaves and quadrants that will allow the maximum possible bend radius for the application. All the sheaves are aluminum while the quadrant side plates are 3/16" steel, giving the best combination of light weight and strength.

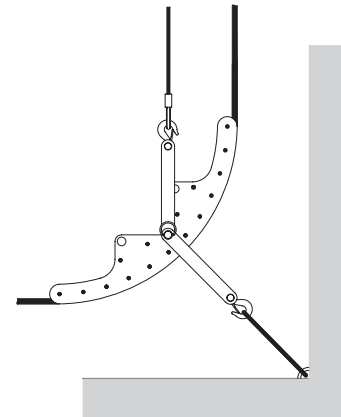
The F/O Quadrant has 12 rollers set on a 26" radius giving the cable a minimum 26-3/4" inside bend radius.

The one piece F/O Sheave is sized to fit through a 24" manhole and both the sheave and the quadrant can be used in the DCD Manhole Brace.

The hanger arms also separate easily to allow insertion of the sheave or quadrant in the middle of the pull.

F/O Quadrant c/w Single Hanger	Single Hanger only	F/O Quadrant c/w Double Hanger	Double Hanger only	Quadrant only	Sheave only	Sheave Size W x Dia.
32200-312	32830-301	32220-312	32810-301	32210-312	32900-303	3" x 3"

F/O Sheave c/w Single Hanger	Single Hanger only	F/O Sheave c/w Double Hanger	Double Hanger only	F/O Sheave only	Sheave Size W x Dia.
32000-324	32800-300	32100-324	32810-300	32900-324	3" x 24"



HANGER SHEAVES

DCD offers Single or Double Hangers to go with their series of cast aluminum sheaves. The Single Hangers are provided with a safety hook and the double hangers have one hook and one pin through which a rope may be fed or other items attached.

The sheaves are all cast aluminum with machined faces and bores. They are then fitted with high load iron-bronze flanged bushings.

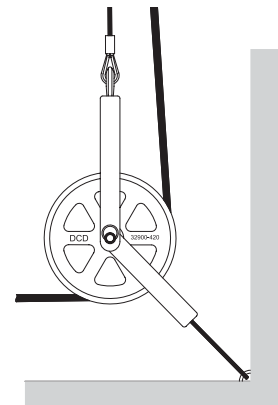
All parts are designed to take 10,000 lbs. line load allowing for a 3:1 safety factor.

One feature of the hangers is the ease with which they are assembled to either a sheave or a quadrant. A simple pin with a handle at one end and a locking pin at the other does the job. It should be noted that the handle at one end of the pin may be used to support the hanger in a horizontal position should that be necessary.

The sheaves and hangers may be purchased as assemblies or individually as shown in the table below.

Sheave c/w Single Hanger	Single Hanger	Sheave c/w Double Hanger	Double Hanger	Sheave only	Sheave Size W x Dia.
32000-420	32800-400	32100-420	32810-400	32900-420	4" x 20"
32000-526	32800-500	32100-526	32810-500	32900-526	5" x 26"
32000-611	32800-600	32100-611	32810-600	32900-611	6" x 11"
32000-620F	32800-600	32100-620F	32810-600	32900-620F	6" x 20"
32000-626	32800-601	32100-626	32810-601	32900-626	6" x 26"
32000-811	32800-800	32100-811	32810-800	32900-811	8" x 11"
32000-811F	32800-800	32100-811F	32810-800	32900-811F	8" x 11"

F designates Flat Bottom Sheave.



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