Dual Support Cradle

Creating a model number

DSC - __ __ - __ - __ __ - __ __ __ - __ - __ __ __ - __ __ __

Size | Finishes | Lubricants | Cradle Length | Payload Interface | Cradle Bolt Position | Proof Load Test

Size
P1 – Capacity: 1,000 lbs @ 24” – Manual rotation, pinned.[1]
P2 – Capacity: 2,500 lbs @ 30” – Manual rotation, pinned.[2]
G2 – Capacity: 2,300 lbs @ 30” – Gearbox driven rotation.[3]

Finishes
(blank) - Standard finishes.[4]
C - - - - Clean room finishes – Same as standard with gloss white powder coated frame. Slewing ring raceway and gears lubricated with Krytox GPL 217.

Lubricants
(blank) – Standard lubricants.[5]
L1 - - - - Krytox GPL 207 on fasteners. Krytox GPL 217 on bearing raceway, and gear teeth (if applicable).
L2 - - - - Braycote 631RP on fasteners, bearing raceway, and gear teeth (if applicable).

Cradle Lengths
B050 - B140 - - - Available for P1 size in 10” increments.
B080 – B220 - - - Available for P2 & G2 size in 20” increments.

Proof Load Test
(blank) - No proof load test.
PLT - - - Standard proof load test. Static 2X vertical load, 100% torque. (includes deliverable report)

Cradle Bolt Position
SA1 - - - Bolt Position 1
SA2 - - - Bolt Position 2
SA3 - - - Bolt Position 3
SA4 - - - Bolt Position 4
SA5 - - - Bolt Position 5
SA6 - - - Bolt Position 6
SA7 - - - Bolt Position 7
SA8 - - - Bolt Position 8
See proposal drawing load curves to determine correct bolt position. Bolt positions can be changed in the field, but the bolt position selected will be the bolt position fixture is shipped with.

Payload Interface
(blank) – ESPA Grande/MLB interface. 36X ¼-28 UNF threaded holes on a Ø24” bolt circle.
R24 - - - ESPA Grande/MLB Adapter ring included for 36X Ø.281 through holes on a Ø24” bolt circle.
RUN - - -Universal ESPA Grande/MLB Adapter ring that includes R24 interface adapter bolt pattern as well as Ø.281 through holes for Ø15” & Ø18.25” bolt circle MLB interfaces. See proposal drawing for details.

Example:

DSC	-	P1	-	C	-	B060	-	SA8	-	PLT
DSC Model Type		1,000lb capacity Pinned Interface		Clean Room Finishes		60” OAL		Bolt Position 8		Proof Load Test

[1] P1 Size designed to be used with Flotron models XD739, XD747, and SFP-645. Cradle load capacity will be reduced depending on base fixture capacity and cradle length.
[2] P2 Size designed to be used with Flotron models SFP-759, SFP-853, and SFP-862. When used with SFP-759, load rating is reduced to 1,800 lbs cantilevered 33” max. (Cradle capacity limited by base fixture load rating. Subtract weight of cradle from base fixture max load rating to get capacity of cradle.)
[3] G2 Size designed to be used with Flotron models SFP-759, SFP-853, and SFP-862. When used with SFP-759, load rating is reduced to 1,800 lbs cantilevered 33” max. (Cradle capacity limited by base fixture load rating. Subtract weight of cradle from base fixture max load rating to get capacity of cradle.)
[4] Cradle powder coated textured Flotron blue color; Stainless steel hardware; Aluminum parts chem film or hard anodize.
[5] Mobiltac 375NC (or equivalent) applied to all gear teeth; slewing ring inner raceway lubricated with Mobilux EP2. Fasteners lubricated with Loctite 242 or Krytox GPL 207.