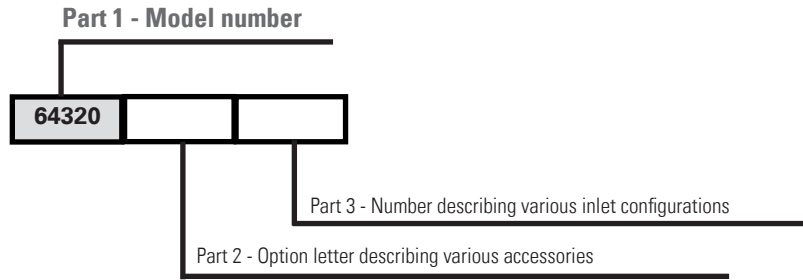


Design Concepts

Eaton's Carter product line includes unisex couplings designed in accordance with A-A-59377 (supersedes MIL-C-53071) and completely interchangeable with similar 2-inch couplings made by Eaton's Aeroquip® product line. Unisex couplings, as the name implies, are designed to mate with each other allowing for the connection of hose assemblies, regardless of the end fitting. The basic Model 64320 Valved Unisex Coupling has various accessories and inlet options, as described under "Ordering Data".

Ordering Data



Features

- Unisex connection allows indiscriminate mating
- Manual ball valve included
- Interlock feature prevents disconnection of unit with ball valve open
- Pressure tight dust cap included on all units
- Dust seal incorporated between connected units — protects mating surfaces
- Units are easily repairable
- Variety of inlet fittings options to suit system needs
- Tan color standard, green optional

Technical Information

- Qualified in accordance with A-A-59377
- Pressure drop — 3 psi (.206 bar) max for 2 inch units at 200 gpm (757 l/min)
- Operating pressure — 100 psi (6.895 bar)
- Burst pressure — 300 psi (20.684 bar)
- Hose swivel torque — 240 in-lb max at 100 psi (6.894 bar)
- Operating temperatures — -25°F to +155°F (-31.66°C to +65.55°C)
- Inlets to mate male or female NPT or BSPP camlocks, D-1/D-2/D-3 nozzle, hose barbs available. Special inlets available on request.
- Hose swivel integral to part

Part 2

The basic model may be ordered with various accessories by adding one, or more of the letters listed in the table, right.

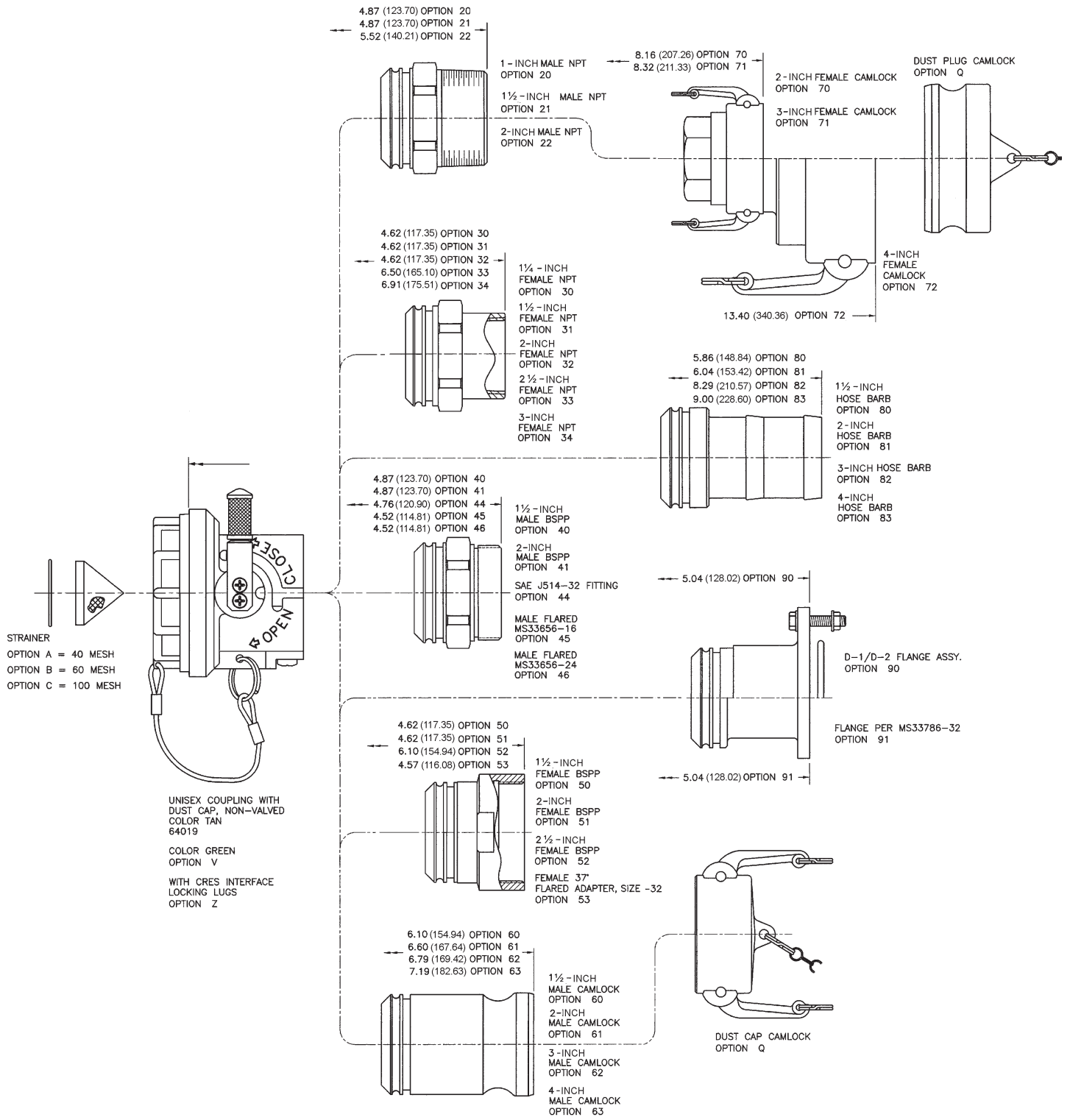
| Option Letter | Description | Option Letter | Description |
|---------------|------------------------|---------------|----------------------------------|
| A | Adds 40-mesh strainer | Q | Adds dust cap/plug, camlock type |
| B | Adds 60-mesh strainer | V | Changes exterior color to green |
| C | Adds 100-mesh strainer | Z | CRES interface locking lugs |

Part 3

The basic model may be ordered with various options by adding one or more of the numbers listed in the table, right. The basic unit has no inlet fitting and meets the tan color requirement, hence an option letter and/or number must be specified to achieve a complete unit.

| Option Number | Description | Option Number | Description |
|---------------|-------------------------------------|---------------|--|
| 20 | Adds 1-inch NPT male adapter | 52 | Adds 2½-inch BSPP female adapter |
| 21 | Adds 1½-inch NPT male adapter | 53 | Adds female 37° flared adapter, size -32 |
| 22 | Adds 2-inch NPT male adapter | 60 | Adds 1½-inch camlock, male |
| 30 | Adds ¼-inch NPT female adapter | 61 | Adds 2-inch camlock, male |
| 31 | Adds ½-inch NPT female adapter | 62 | Adds 3-inch camlock, male |
| 32 | Adds 2-inch NPT female adapter | 63 | Adds 4-inch camlock, male |
| 33 | Adds 2½-inch NPT female adapter | 70 | Adds 2-inch camlock, female |
| 34 | Adds 3-inch NPT female adapter | 71 | Adds 3-inch camlock, female |
| 40 | Adds 1½-inch BSPP male adapter | 72 | Adds 4-inch camlock, female |
| 41 | Adds 2-inch BSPP male adapter | 80 | Adds 1½-inch hose barb |
| 44 | Adds SAE J514-32 fitting | 81 | Adds 2-inch hose barb |
| 45 | Adds male flared MS33656-16 Adapter | 82 | Adds 3-inch hose barb |
| 46 | Adds male flared MS33656-24 adapter | 83 | Adds 4-inch hose barb |
| 50 | Adds 1½-inch BSPP female adapter | 90 | Adds D-1/D-2/D-3 flange inlet |
| 51 | Adds 2-inch BSPP female adapter | 91 | Adds flange adapter per MS33786-32 |

Illustrated Options and Envelope Dimensions



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