

SINGLE REDUCTION

DOUBLE REDUCTION

NOMENCLATURE

| CYCLO® | DARALI® | CYCLO® | DARALI® | CYCLO® | DARALI® |
|--------|---------|--------|---------|--------|---------------------|
| 4075 | ⇐ B07 | 4075DA | ⇐ B0707 | CHH | ⇐ XHH |
| 4085 | ⇐ B08 | 4085DA | ⇐ B0807 | CNH | ⇐ XH |
| 4090 | ⇐ B09 | 4097DA | ⇐ B0908 | CVV | ⇐ XVD |
| 4095 | ⇐ B09 | 4105DA | ⇐ B1008 | CNV | ⇐ XV |
| 4097 | ⇐ B09 | 4115DB | ⇐ B1109 | CHHM | ⇐ MHH |
| 4100 | ⇐ B10 | 4135DC | ⇐ B1310 | CNHM | ⇐ MH |
| 4105 | ⇐ B10 | 4145DB | ⇐ B1409 | CVVM | ⇐ MVD |
| 410H | ⇐ ***** | 4165DC | ⇐ B1611 | CNVM | ⇐ MV |
| 4110 | ⇐ B11 | 4175DC | ⇐ B1711 | CHHJ | ⇐ AHH |
| 4115 | ⇐ B11 | 4185DB | ⇐ B1813 | CNHJ | ⇐ AH |
| 4125 | ⇐ B12 | 4190DA | ⇐ B1911 | CNVJ | ⇐ AV |
| 4130 | ⇐ B13 | 4195DA | ⇐ B1911 | CVVJ | ⇐ AVD |
| 4135 | ⇐ B13 | 4195DB | ⇐ B1913 | CHF | ⇐ XFH |
| 4145 | ⇐ B14 | 4205DA | ⇐ B2011 | CHFJ | ⇐ AFH |
| 4155 | ⇐ B15 | 4205DB | ⇐ B2013 | CVF | ⇐ XFD |
| 4160 | ⇐ B16 | 4215DA | ⇐ B2113 | CVFJ | ⇐ AFD |
| 4165 | ⇐ B16 | 4215DB | ⇐ B2116 | CHHP | ⇐ THH |
| 416H | ⇐ ***** | 4225DA | ⇐ B2213 | CVVP | ⇐ TVD |
| 4170 | ⇐ B17 | 4225DB | ⇐ B2217 | H-BP | ◆ <i>Base Mount</i> |
| 4175 | ⇐ B17 | 4235DA | ⇐ B2316 | H-SB | ⇐ SHH |
| 4180 | ⇐ B18 | 4235DB | ⇐ B2318 | V-SB | ⇐ SVD |
| 4185 | ⇐ B18 | 4245DA | ⇐ B2416 | CHHX | ⇐ QHH |
| 4190 | ⇐ B19 | 4245DB | ⇐ B2418 | CNHX | ⇐ QH |
| 4195 | ⇐ B19 | 4255DA | ⇐ B2517 | CVVX | ⇐ QVD |
| 4205 | ⇐ B20 | 4255DB | ⇐ B2519 | CNVX | ⇐ QV |
| 4215 | ⇐ B21 | 4265DA | ⇐ B2619 | | |
| 4225 | ⇐ B22 | 4275DA | ⇐ B2719 | | |
| 4235 | ⇐ B23 | | | | |
| 4245 | ⇐ B24 | | | | |
| 4255 | ⇐ B25 | | | | |
| 4265 | ⇐ B26 | | | | |
| 4275 | ⇐ B27 | | | | |

◆ = Available in the future

***** CYCLO®410H and 416H frames have higher shaft center height and higher overall height than their sibling frames. Please consult PTC Endeavor, Inc.

⇐ means "DIRECT DROP-IN REPLACEMENT".

(i.e.: Foot Print, Shaft Center Height, Shaft Diameter, and Shaft Length Being Identical).

- DARALI® is a trademark of DARALI GROUP

- CYCLO® is a trademark of Sumitomo Machinery Corporation of America

DARALI®/ CYCLO® 4000 SERIES PART NUMBER CROSSOVER

👉 STEP 1: Find out the reducer FRAME SIZE.

SINGLE STAGE REDUCTION (6:1 ~ 87:1)

| Sumitomo | DARALI | Sumitomo | DARALI | Sumitomo | DARALI | Sumitomo | DARALI | Sumitomo | DARALI |
|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
| 4075 | B07 | 410H | | 4155 | B15 | 4185 | B18 | 4245 | B24 |
| 4085 | B08 | 4110 | B11 | 4160 | B16 | 4190 | B19 | 4255 | B25 |
| 4090 | B09 | 4115 | B11 | 4165 | B16 | 4195 | B19 | 4265 | B26 |
| 4095 | B09 | 4125 | B12 | 416H | | 4205 | B20 | 4275 | B27 |
| 4097 | B09 | 4130 | B13 | 4170 | B17 | 4215 | B21 | | |
| 4100 | B10 | 4135 | B13 | 4175 | B17 | 4225 | B22 | | |
| 4105 | B10 | 4145 | B14 | 4180 | B18 | 4235 | B23 | | |

DOUBLE STAGE REDUCTION (102:1 ~ 7569:1)

| Sumitomo | DARALI | Sumitomo | DARALI | Sumitomo | DARALI | Sumitomo | DARALI | Sumitomo | DARALI |
|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
| 4075DA | B0707 | 4145DB | B1409 | 4195DB | B1913 | 4225DB | B2217 | 4255DB | B2519 |
| 4085DA | B0807 | 4165DC | B1611 | 4205DA | B2011 | 4235DA | B2316 | 4265DA | B2619 |
| 4097DA | B0908 | 4175DC | B1711 | 4205DB | B2013 | 4235DB | B2318 | 4275DA | B2719 |
| 4105DA | B1008 | 4185DB | B1813 | 4215DA | B2113 | 4245DA | B2416 | | |
| 4115DA | B1109 | 4190DA | B1911 | 4215DB | B2116 | 4245DB | B2418 | | |
| 4135DC | B1310 | 4195DA | B1911 | 4225DA | B2213 | 4255DA | B2517 | | |

👉 STEP 2: Find out the REDUCTION RATIO.

◆ SINGLE STAGE REDUCTION RATIO

6:1, 8:1, 11:1, 13:1, 15:1, 17:1, 21:1, 25:1, 29:1, 35:1, 43:1, 51:1, 59:1, 71:1, 87:1

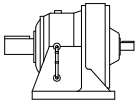
◆ DOUBLE STAGE REDUCTION RATIO

102:1, 104:1, 121:1, 165:1, ...*(combination of any two single reduction ratios)*..., 4437:1, 5133:1, 6177:1, 7569:1.

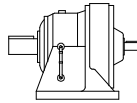
👉 STEP 3: Find out the CONFIGURATION.

- Listed below are the most popular configurations. Whenever you see "N" in the SM-Cyclo® configuration, it means grease packed, and is for universal mounting directions. For other configurations, please consult DARALI® DRIVES.

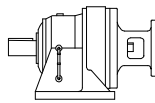
CNH = XHH



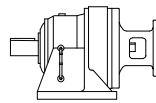
CHH = XHH



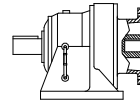
CNHJ = AHH



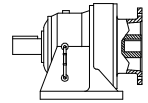
CHHJ = AHH



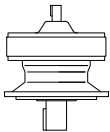
CNHX = QHH



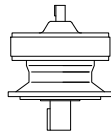
CHHX = QHH



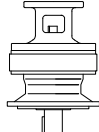
CVV = XVD



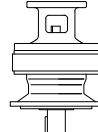
CNV = XVD



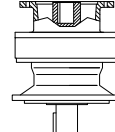
CNVJ = AVD



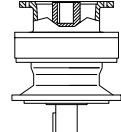
CVVJ = AVD



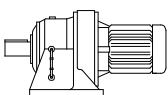
CNVX = QVD



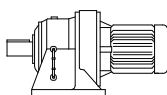
CVVX = QVD



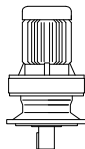
CNHM = MHH



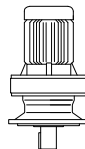
CHHM = MHH



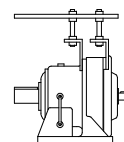
CNVM = MVD



CVVM = MVD



CHHP = THH



CHH-SB = SHH

