

# CAIXA DE ENGRENAGENS HELICOIDAIS CM-80

## MODELO GEARBOX CM80



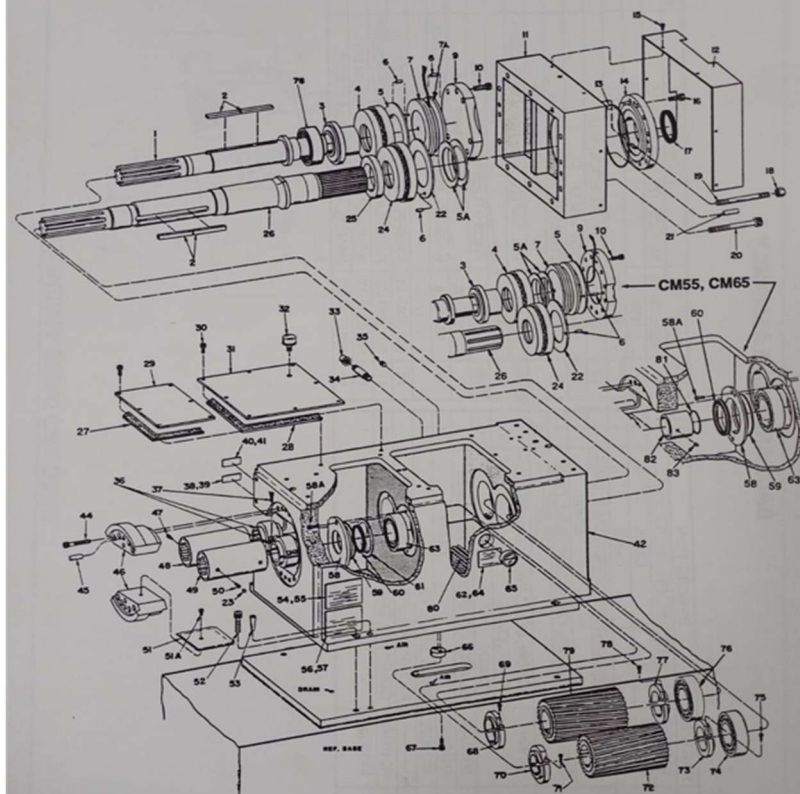
### Características Técnicas

|                          |               |    |
|--------------------------|---------------|----|
| Material Carcaça         | Ferro Fundido | -  |
| Potência Admissível      | 80            | hp |
| Material das Engrenagens | Aço Temperado | -  |

### Características Dimensionais

|           |                   |    |
|-----------|-------------------|----|
| DIMENSÕES | 1.626 X 940 X 806 | mm |
| PESO      | 985               | KG |
| NCM       | 8483.40.10        | -  |

### LISTA DE PARTES, GEARBOX CM80



## LISTA DE PARTES, GEARBOX CM80

| KEY | PART NO.   | DESCRIPTION                             | QTY. | KEY | PART NO.   | DESCRIPTION                                | QTY. | KEY | PART NO.   | DESCRIPTION                          | QTY. |  |
|-----|------------|-----------------------------------------|------|-----|------------|--------------------------------------------|------|-----|------------|--------------------------------------|------|--|
| 1   | 610328     | SHAFT, DRIVEN, CM55                     | 1    | 25  | 6010665    | SPACER, CM80                               | 1    | 56  | 6013264    | NAMEPLATE, "CAUTION, TO OPEN BARREL" | 1    |  |
|     | 6011631    | CM65                                    | 1    | 26  | 6010327    | SHAFT, DRIVE, CM55                         | 1    | 57  | 3178       | PIN, DRIVE                           | 4    |  |
|     | 6006630    | CM80                                    | 1    |     | 6011360    | CM65                                       | 1    | 58  | 6010335    | RETAINER SEAL, CM55                  | 2    |  |
| 2   | 6010329    | KEY, MACHINE, CM55                      | 4    |     | 6010954    | CM80                                       | 1    |     | 6011646    | CM65                                 | 2    |  |
|     | 6011636    | CM65                                    | 4    | 27  | 6010490    | GASKET, CM55, CM65                         | 1    |     | 6010964    | CM80                                 | 2    |  |
|     | 6015817    | CM80                                    | 8    |     | 777        | CM80                                       | 1    | 58A | 1234045    | SHCS, M8 x 20, CM55                  | 4    |  |
| 3   | 6010338    | SPACER, THRUST BEARING, CM55            | 1    | 28  | 6010315    | GASKET, CM55, CM65                         | 1    |     | 1234035    | M10 x 25, CM55, CM80                 | 4    |  |
|     | 6011637    | CM65                                    | 1    |     | 6010981    | CM80                                       | 1    | 59  | 326382-243 | O-RING, CM55                         | 1    |  |
|     | 6019958    | CM80                                    | 1    | 29  | 6010501    | COVER, DISTRIBUTOR, REAR, CM55             | 1    |     | 326382-145 | CM65                                 | 1    |  |
| 4   | 6010312    | BEARING, THRUST, ROLLER, CM55           | 1    |     | 6010528    | CM65                                       | 1    |     | 251228     | CM80                                 | 1    |  |
|     | 6012347    | CM65                                    | 1    |     | 6010915    | CM80                                       | 1    | 60  | 6010313    | SEAL, OIL, CM55, CM65                | 1    |  |
|     | 6012071    | CM80                                    | 1    | 30  | 6014451-5  | SHCS, M08 x 016, CM55                      | 16   |     | 6010660    | CM80                                 | 1    |  |
| 5   | 6019956    | SPACER, THRUST BEARING, CM55            | 1    |     | 1234036    | M08 x 016, CM65                            | 16   | 61  | 6010695    | SHIM, CM80                           | 2    |  |
|     | 6011639    | CM65                                    | 1    |     |            | M08 x 016, CM80                            | 16   | 62  | 3178       | PIN, DRIVE                           | 4    |  |
|     | 6012056    | CM80                                    | 1    | 31  | 6010317    | COVER, DISTRIBUTOR, CM55, CM65             | 1    | 63  | 6012238    | BEARING, ROLLER, CM55                | 1    |  |
| 5A  | 6015391    | SPRING, PRE-LOAD, CM55                  | 2    |     | 6010979    | CM80                                       | 1    |     | 6012345    | CM65                                 | 1    |  |
| 6   | 1410058    | PIN, ROLL, 5.0MM x 22.0, CM55           | 2    | 32  | 6016768-3  | MUFFLER, AIR, 0.38 NPTM, CM55, CM80        | 1    |     | 6012239    | CM80                                 | 1    |  |
|     | 1410138    | 5.0MM x 16.0, CM65                      | 2    |     | 6016768-4  | 0.50 NPTM, CM65                            | 1    | 64  | 267878     | NAMEPLATE, LUBRICATION P-35          | 1    |  |
|     | 266693     | 5.0MM x .188", CM80                     | 2    | 33  | 200786     | CAP, PIPE, 3/4" NPT, CM55, CM65            | 1    | 65  | 259113     | SIGHT GLASS                          | 1    |  |
| 7   | 6010360    | LOAD CELL, CM55                         | 1    |     | 13653      | 1" NPT, CM80                               | 1    | 66  | 6010742    | TRUNNION, CM80                       | 1    |  |
|     | 6011627    | CM65                                    | 1    | 34  | 6015761-17 | NIPPLE, PIPE, 3/4" NPT x 4" LG, CM55, CM65 | 1    | 67  | 1234027    | SHCS, M10 x 20, CM80                 | 2    |  |
|     | 6015875    | CM80                                    | 1    |     | 6012427    | 1" NPT x 3.5" LG, CM80                     | 1    | 68  | 6010493    | SPACER, FRONT, CM55                  | 1    |  |
| 8   | 6019953    | SHIM, LAMINATED, (NOT SHOWN) CM55, CM65 | A/R  | 35  | 216507     | PLUG, PIPE, 3/8" NPT, CM80                 | 1    |     | 6011635    | CM65                                 | 1    |  |
| 9   | 6014638    | RETAINER, BEARING, CM55                 | 1    | 36  | 6010646    | COLLAR, SPLIT, CM55                        | 2    |     | 6010950    | CM80                                 | 1    |  |
|     | 6011647    | CM65                                    | 1    |     | 6011642    | CM65                                       | 2    | 69  | 1234037    | SHCS, M8 x 25, CM55, CM65            | 2    |  |
|     | 6010673    | CM80                                    | 1    |     | 6010916    | CM80                                       | 2    |     | 1234026    | M10 x 30, CM80                       | 2    |  |
| 10  | 1234076    | SHCS, M12 x 35                          | 15   | 37  | 1234055    | SHCS, M8 x 30                              | 8    | 70  | 6010493    | SPACER, FRONT, CM55                  | 1    |  |
|     | 1234130    | M16 x 40                                | 12   |     | 1234025    | M10 x 35                                   | 8    |     | 6011635    | CM65                                 | 1    |  |
|     | 1400276    | M20 x 50                                | 8    | 38  | 6013827-9  | NAMEPLATE, "SCREW CORE RETURN"             | 1    |     | 6010950    | CM80                                 | 1    |  |
| 11  | 6010323    | HOUSING, REAR BEARING, CM55             | 1    | 39  | 3178       | SCREW, DRIVE                               | 2    | 71  | 1234037    | SHCS, M8 x 25, CM55, CM65            | 2    |  |
|     | 6011525    | CM65                                    | 1    | 40  | 6013827-8  | NAMEPLATE, "SCREW CORE SUPPLY"             | 1    |     | 1234026    | M10 x 30, CM80                       | 2    |  |
|     | 6003703    | CM80                                    | 1    | 41  | 3178       | SCREW, DRIVE                               | 2    | 72  | 6010311    | GEAR, DRIVER, L. H., CM55            | 1    |  |
| 12  | 6010559    | GUARD, DISTRIBUTOR GEARBOX, CM55        | 1    | 42  | 6010316    | HOUSING, GEAR, CM55                        | 1    |     | 6011641    | CM65                                 | 1    |  |
|     | 6011529    | CM65                                    | 1    |     | 6011526    | CM65                                       | 1    |     | 6003700    | CM80                                 | 1    |  |
|     | 6010671    | CM80                                    | 1    |     | 6010667    | CM80                                       | 1    | 73  | 6010494    | SPACER, BEARING, CM55                | 1    |  |
| 13  | 326382-229 | O-RING, CM55                            | 1    | 43  | 194594-1   | CONDUIT OUTLET ASSEMBLY, (NOT SHOWN)       | 1    |     | 6011634    | CM65                                 | 1    |  |
|     | 326382-157 | CM65                                    | 1    | 44  | 1400354    | SHCS, M16 x 090, CM55                      | 8    |     | 6010673    | CM80                                 | 1    |  |
|     | 251228     | CM80                                    | 1    |     | 1234078    | M16 x 080, CM65                            | 8    | 74  | 6012345    | BEARING, ROLLER, CM55                | 2    |  |
| 14  | 6010324    | RETAINER, BEARING, CM55                 | 1    |     | 6014450-21 | M20 x 180, CM80                            | 8    |     | 6012068    | CM65                                 | 2    |  |
|     | 6011648    | CM65                                    | 1    | 45  | 1234851    | PIN, DOWEL, M16 x 50                       | 2    |     | 6012240    | CM80                                 | 2    |  |
|     | 6010663    | CM80                                    | 1    | 46  | 6010322    | SEGMENT, FLANGED, CM55                     | 2    | 75  | 1234037    | SHCS, M8 x 25                        | 2    |  |
| 15  | 1234022    | SHCS, M6 x 10, CM55, CM65               | 5    |     | 6011527    | CM65                                       | 2    | 76  | 6012238    | BEARING, ROLLER, CM55                | 1    |  |
|     |            | CM80                                    | 6    |     | 6010662    | CM80                                       | 2    |     | 6012345    | CM65                                 | 1    |  |
| 16  | 1234064    | SHCS, M12 x 40, CM55                    | 12   | 47  | 1234131    | SHCS, M8 x 12                              | 4    |     | 6012239    | CM80                                 | 1    |  |
|     | 1234130    | M16 x 40, CM65                          | 15   | 48  | 6010331    | COUPLING, DRIVEN, CM55                     | 1    | 77  | 6010494    | SPACER, BEARING, CM55                | 1    |  |
|     |            | M16 x 40, CM80                          | 12   |     | 6011643    | CM65                                       | 1    |     | 6011634    | CM65                                 | 1    |  |
| 17  | 6010313    | SEAL, OIL, CM55, CM65                   | 1    |     | 6010666    | CM80                                       | 1    |     | 6010679    | CM80                                 | 1    |  |
|     | 6010660    | CM80                                    | 1    | 49  | 6010330    | COUPLING, DRIVE, CM55                      | 1    | 78  | 1234037    | SHCS, M8 x 25                        | 2    |  |
| 18  | 1234394    | NUT, PLAIN, HEX, M20 x 16               | 2    |     | 6010644    | CM65                                       | 1    | 79  | 6010310    | GEAR, DRIVEN, CM55                   | 1    |  |
| 19  | 6014454-7  | STUD, PLAIN, M20 x 165                  | 2    |     | 6010694    | CM80                                       | 1    |     | 6011640    | CM65                                 | 1    |  |
| 20  | 6010087-18 | SHCS, M16 x 150, CM55                   | 10   | 50  | 1234131    | SHCS, M8 x 010                             | 2    |     | 6003701    | CM80                                 | 1    |  |
|     | 1400095    | M20 x 80, CM65                          | 10   | 51  | 6010565    | PLATE, DEFLECTOR, CM55, CM65               | 1    | 80  | 6018723    | COIL, COOLING, CM55                  | 1    |  |
|     | 6014450-21 | M20 x 180, CM80                         | 8    |     | 6010741    | CM80                                       | 1    |     | 6011649    | CM65                                 | 1    |  |
| 21  | 1243851    | PIN, DOWEL, M16 x 50                    | 2    | 51A | 6014861-3  | SHCS, M5 x 010, CM55                       | 1    |     | 6010837    | CM80                                 | 1    |  |
| 22  | 6011956    | SPACER, THRUST BEARING, CM55            | 2    |     | 1234055    | M8 x 030, CM65                             | 1    | 81  | 326382-229 | O-RING, CM55                         | 2    |  |
|     | 6011639    | CM65                                    | 2    |     | 1234022    | M6 x 010, CM80                             | 1    |     | 326382-157 | CM65                                 | 2    |  |
|     | 6012056    | CM80                                    | 2    | 52  | 1234059    | SHCS, M16 x 045, CM55                      | 4    | 82  | 6010334    | DOLLAR SHAFT SEAL, CM55              | 2    |  |
| 23  | 1844       | PLUG, BRASS, 0.25 DIA x 0.25            | 4    |     | 1400276    | M20 x 050, CM65, CM80                      | 4    |     | 6011637    | CM65                                 | 2    |  |
| 24  | 6010312    | BEARING, THRUST, CM55                   | 1    | 53  | 1234920    | PIN, TAPER, M16 x 50                       | 2    | 83  | 1234559    | SETSCREW, M8 x 10, CM55              | 2    |  |
|     | 6012347    | CM65                                    | 1    | 54  | 6013265    | NAMEPLATE, "IMPORTANT, BEFORE STARTING"    | 1    |     | 1400015    | M8 x 08, CM55                        | 2    |  |
|     | 6012071    | CM80                                    | 1    | 55  | 3178       | PIN, DRIVE                                 | 4    |     |            |                                      |      |  |

## CARACTERÍSTICAS GERAIS:

### ✓ CAIXA DE ENGRENAGENS CM-80:

Projetada conforme capacidade e características para utilização unicamente em máquinas extrusoras da marca Cincinnati Milacron modelo CM-80, com fabricação da data de 1997, Cincinnati, Ohio 45209, USA.

Possui em seu interior um conjunto de rolamentos e gaxetas com engrenagens helicoidais fabricadas em aço temperado e desenvolvidas para trabalhar banhadas a óleo lubrificante. Tem o trabalho de transmitir a força em forma

de rotação controlada do motor para o conjunto tambor com par de fusos para a extrusão de PVC Rígido granulado.

