

Part number:

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA  
SISTEMS**

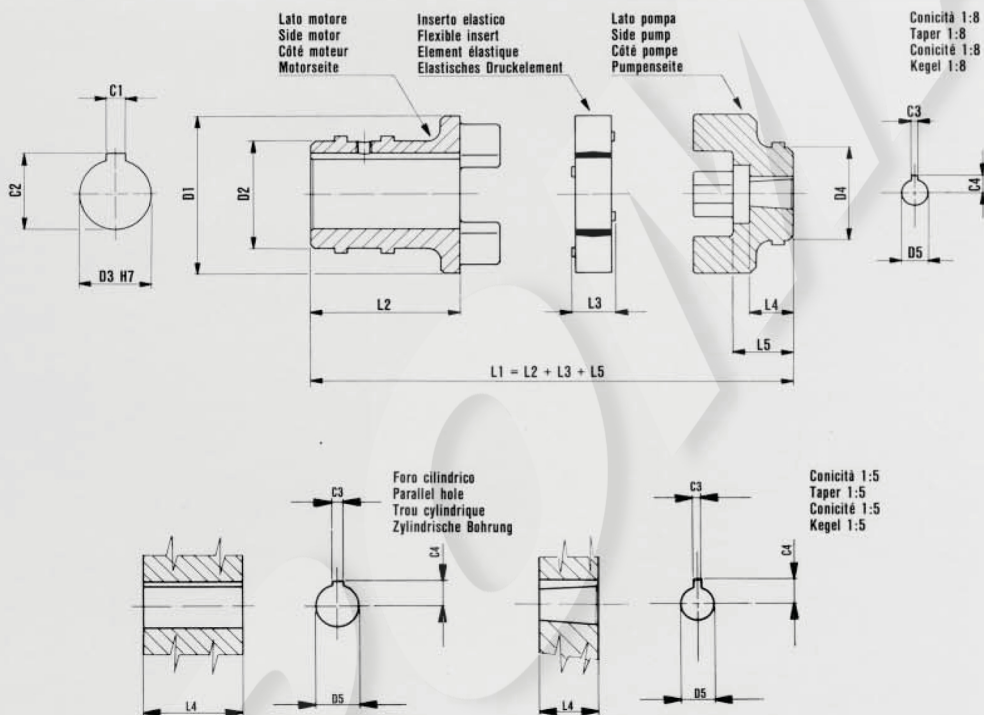
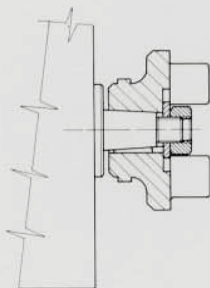
UKŁADY HYDRAULICZNE

**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

|         |               |
|---------|---------------|
| Gr. 1   | 0,5 – 1 Kgm   |
| Gr. 2   | 0,5 – 1 Kgm   |
| Gr. 3   | 0,5 – 1,5 Kgm |
| Gr. 3,5 | 0,5 – 1,5 Kgm |
| Gr. 4   | 1 – 2 Kgm     |

Copie di serraggio per semigiunti elastici  
Tightening torque  
Couple de serrage  
Verschraubungsmoment



| Hydr-App<br>Riferimenti<br>References<br>Beziehungen |          | Giunto<br>Coupling<br>Accouplement<br>Kupplung |                                                        |      |          | Semigiunto lato motore<br>Side motor coupling<br>Demi-accouplement côté moteur<br>Motorseite Kupplung |       |    |      |     |      | Inserto elastico<br>Flexible insert<br>Elément élastique<br>Elastisches drucklement |     | Semigiunto lato pompa<br>Side pump half coupling<br>Demi-accouplement côté pompe<br>Pumpenseite Kupplung |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|------------------------------------------------------|----------|------------------------------------------------|--------------------------------------------------------|------|----------|-------------------------------------------------------------------------------------------------------|-------|----|------|-----|------|-------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------|-----|-------|-----|------|-----|-----|------|------|------|-----|-----|--|--|--|--|--|--|
|                                                      |          | Sigla<br>Model code<br>Sigle<br>Bestellzeichen | Matricola<br>Part number<br>Matricule<br>Bestellnummer | D1   | L1       | Matricola<br>Part number<br>Matricule<br>Bestellnummer                                                | D2    | D3 | L2   | C1  | C2   | Matricola<br>Part number<br>Matricule<br>Bestellnummer                              | L3  | Matricola<br>Part number<br>Matricule<br>Bestellnummer                                                   | D4  | D5    | L4  | L5   | C3  | C4  |      |      |      |     |     |  |  |  |  |  |  |
| Pump                                                 | E. Motor |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| 05                                                   | 71       | HE1                                            | 10200001                                               | 43   | 65       | 31303200                                                                                              | 29    | 14 | 29,5 | 5   | 16,1 | 39200300                                                                            | 16  | 31305300                                                                                                 | 20  | 6     | 10  | 19,5 | 2   | 4   |      |      |      |     |     |  |  |  |  |  |  |
| T05                                                  |          | HE21                                           | 10200019                                               |      | 7        |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31305400                                                                                                 |     | 4,6   |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| I                                                    |          | HE2                                            | 10200002                                               |      | 62       |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31303100                                                                                                 |     | 7,50  |     |      |     | 1:8 | 16,5 | 16,5 | 2,4  | 5,7 |     |  |  |  |  |  |  |
| IC                                                   |          | HE3                                            | 10200003                                               |      | 61,5     |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31305200                                                                                                 |     | 12    |     |      |     | 28  | 16   | 16   | 3    | 7,6 |     |  |  |  |  |  |  |
| IM                                                   |          | HE4                                            | 10200004                                               | 62   | 31305100 |                                                                                                       |       |    |      |     |      |                                                                                     |     | 11,87                                                                                                    |     | 1:8   |     |      |     |     | 12   | 16,5 | 2    | 5,7 |     |  |  |  |  |  |  |
| ZBI                                                  |          | HE101                                          | 10200044                                               |      | 31305000 |                                                                                                       |       |    |      |     |      |                                                                                     |     | 7,60                                                                                                     |     | 1:5   |     |      |     |     |      | 12   | 16,5 | 2   | 5,7 |  |  |  |  |  |  |
| 2                                                    |          | HE55                                           | 10200091                                               | 63   | 74,5     | 31323400                                                                                              | 44    | 14 | 33,5 | 5   | 16,1 | 39200400                                                                            | 19  | 31301800                                                                                                 | 36  | 14,30 | 1:8 | 22   | 22  | 3,2 | 9,7  |      |      |     |     |  |  |  |  |  |  |
| 2T                                                   | HE56     | 10200092                                       | 81                                                     |      | 31302200 |                                                                                                       |       |    |      |     |      |                                                                                     |     | 4                                                                                                        |     | 4,6   |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| 05                                                   | 80       | HE5                                            | 10200005                                               | 43   | 78       | 31303300                                                                                              | 36    | 19 | 45,5 | 6   | 21,6 | 39200300                                                                            | 16  | 31305300                                                                                                 | 20  | 6     | 10  | 19,5 | 2   | 4   |      |      |      |     |     |  |  |  |  |  |  |
| T05                                                  |          | HE22                                           | 10200020                                               |      | 7        |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31305400                                                                                                 |     | 4,6   |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| I                                                    |          | HE6                                            | 10200006                                               |      | 78       |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31303100                                                                                                 |     | 7,50  |     |      |     | 1:8 | 16,5 | 16,5 | 2,4  | 5,7 |     |  |  |  |  |  |  |
| IC                                                   |          | HE7                                            | 10200007                                               |      | 77,5     |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31305200                                                                                                 |     | 12    |     |      |     | 28  | 16   | 3    | 7,6  |     |     |  |  |  |  |  |  |
| IM                                                   |          | HE8                                            | 10200008                                               | 78   | 31305100 |                                                                                                       |       |    |      |     |      |                                                                                     |     | 11,87                                                                                                    |     | 1:8   |     |      |     |     | 16   |      | 8,4  |     |     |  |  |  |  |  |  |
| ZBI                                                  |          | HE103                                          | 10200045                                               |      | 31305000 |                                                                                                       |       |    |      |     |      |                                                                                     |     | 7,60                                                                                                     |     | 1:5   |     |      |     |     | 12   |      | 16,5 | 2   | 5,7 |  |  |  |  |  |  |
| I                                                    |          | HE45                                           | 10200041                                               | 63   | 86,5     | 31302600                                                                                              | 37    | 19 | 44,5 | 6   | 21,7 | 39200400                                                                            | 19  | 31301700                                                                                                 | 30  | 7,59  | 1:8 | 16   | 23  | 2,4 | 5,7  |      |      |     |     |  |  |  |  |  |  |
| IC                                                   |          | HE44                                           | 10200040                                               |      | 12       |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31302300                                                                                                 |     | 7,6   |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| IM                                                   |          | HE40                                           | 10200036                                               |      | 11,80    |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31301900                                                                                                 |     | 3     | 8,5 |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| 2                                                    |          | HE46                                           | 10200042                                               |      | 14,30    |                                                                                                       |       |    |      |     |      |                                                                                     |     | 1:8                                                                                                      |     |       | 3,2 |      |     | 9,7 |      |      |      |     |     |  |  |  |  |  |  |
| 2T                                                   |          | HE47                                           | 10200043                                               | 85,5 | 31302200 |                                                                                                       |       |    |      |     |      |                                                                                     |     | 36                                                                                                       |     | 12,50 | 1:5 |      |     | 22  | 22   | 4    | 9,6  |     |     |  |  |  |  |  |  |
| ZF2                                                  |          | HE120                                          | 10200056                                               | 86,5 | 31302000 |                                                                                                       |       |    |      |     |      |                                                                                     |     | 30                                                                                                       |     | 10    | 16  |      |     | 23  | 3    | 6,6  |      |     |     |  |  |  |  |  |  |
| ICB                                                  |          | HE49                                           | 10200085                                               | 85,5 | 31305800 | 30                                                                                                    | 16    | 22 | 22   | 4   | 9,6  |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| 2CB                                                  |          | HE50                                           | 10200086                                               | 63   | 78       | 31302500                                                                                              | 44    | 24 | 36   | 8   | 27,2 | 39200400                                                                            | 19  | 31305900                                                                                                 | 36  | 16    | 16  | 23   | 2,4 | 5,7 |      |      |      |     |     |  |  |  |  |  |  |
| I                                                    | HE41     | 10200037                                       | 7,59                                                   |      | 1:8      |                                                                                                       |       |    |      |     |      |                                                                                     |     | 7,6                                                                                                      |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| IC                                                   | HE42     | 10200038                                       | 11,80                                                  |      | 1:8      |                                                                                                       |       |    |      |     |      |                                                                                     |     | 8,5                                                                                                      |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| IM                                                   | HE43     | 10200039                                       | 7,60                                                   |      | 1:5      |                                                                                                       |       |    |      |     |      |                                                                                     |     | 12                                                                                                       | 23  | 2     |     |      | 5,6 |     |      |      |      |     |     |  |  |  |  |  |  |
| ZBI                                                  | HE122    | 10200057                                       | 7,59                                                   |      | 1:8      |                                                                                                       |       |    |      |     |      |                                                                                     |     | 2,4                                                                                                      | 5,7 |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| I                                                    | HE11     | 10200009                                       | 12                                                     |      | 30       |                                                                                                       |       |    |      |     |      |                                                                                     |     | 7,6                                                                                                      |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| IC                                                   | HE12     | 10200010                                       | 86,5                                                   |      |          | 31302300                                                                                              | 11,80 | 16 | 3    | 8,5 |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| IM                                                   | HE13     | 10200011                                       | 31301900                                               |      |          | 7,60                                                                                                  | 1:5   |    | 12   | 22  | 22   | 3,2                                                                                 | 9,7 |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
| 2                                                    | HE14     | 10200012                                       | 63                                                     |      | 85,5     | 31301500                                                                                              | 44    | 24 | 44,5 | 8   | 27,2 | 39200400                                                                            | 19  | 31301800                                                                                                 | 36  | 14,30 | 1:8 | 22   | 22  | 4   | 9,7  |      |      |     |     |  |  |  |  |  |  |
| 2T                                                   | HE15     | 10200013                                       |                                                        |      | 86,5     |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31302200                                                                                                 |     | 12,50 | 1:5 |      |     | 3   | 6,6  |      |      |     |     |  |  |  |  |  |  |
| ZF2                                                  | HE108    | 10200046                                       |                                                        |      | 86,5     |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31302000                                                                                                 |     | 30    | 10  |      |     | 16  | 23   | 4    | 9,6  |     |     |  |  |  |  |  |  |
| ICB                                                  | HE57     | 10200093                                       |                                                        |      | 85,5     |                                                                                                       |       |    |      |     |      |                                                                                     |     | 31305800                                                                                                 |     | 30    | 16  |      |     | 22  | 22   | 4    | 9,6  |     |     |  |  |  |  |  |  |
| 2CB                                                  | HE58     | 10200094                                       |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          |                                                                                                       |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |
|                                                      |          |                                                |                                                        |      |          | </                                                                                                    |       |    |      |     |      |                                                                                     |     |                                                                                                          |     |       |     |      |     |     |      |      |      |     |     |  |  |  |  |  |  |