

JECR BLOCK CYLINDERS



- All the seals adopt the specifications from well-known foreign brands.
- Save space,easy installation, suitable for mold and processing fixture or installation space is limited.
- Similar in size to VCR.

Tie-rod Hydraulic Cylinder

Mold Hydraulic Cylinders

Swivel & Clamp Hydraulic Cylinders

Booster Cylinders & Unclamping cylinders

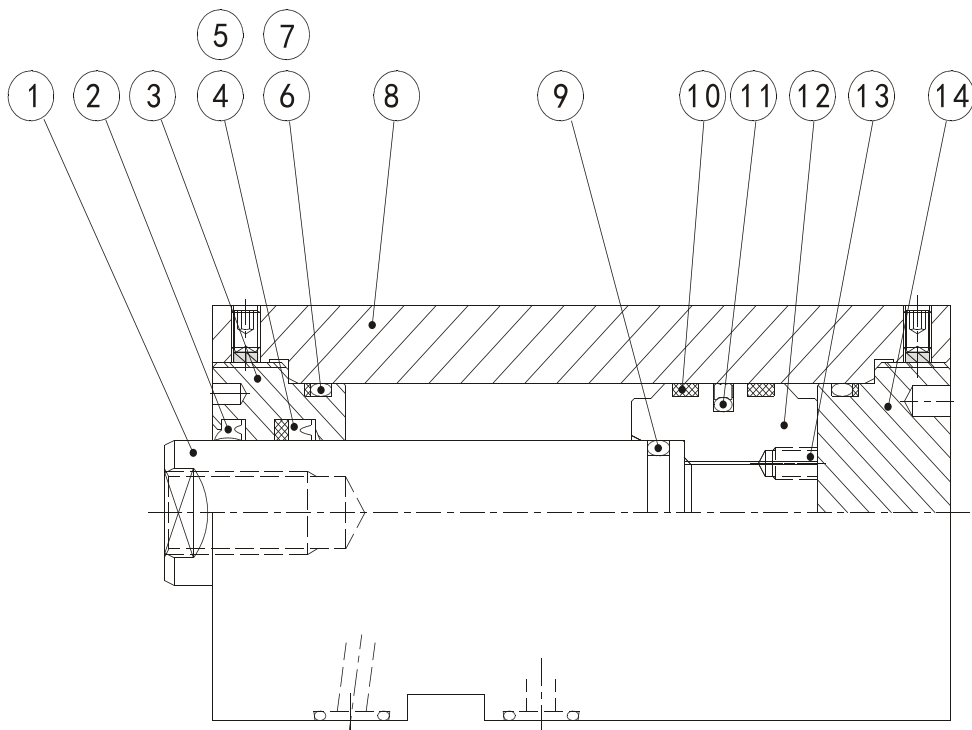
ISO Specifications Cylinders

Round Hydraulic Cylinders

Specific Hydraulic Cylinders

Systems & Fittings

INTERNAL STRUCTURE AND PART NAMES

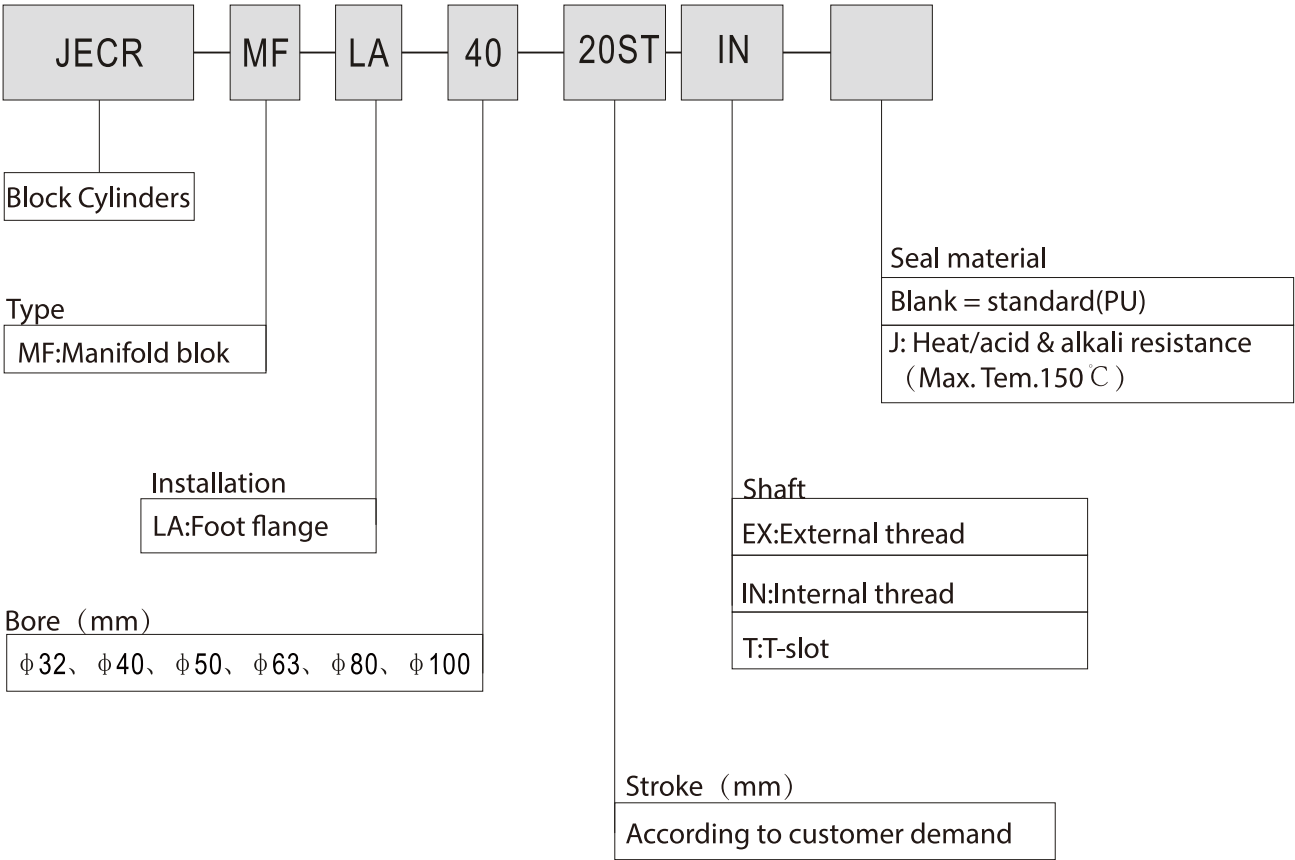


| Item | Part name             | Qty | Item | Part name         | Qty | Item | Part name   | Qty |
|------|-----------------------|-----|------|-------------------|-----|------|-------------|-----|
| ①    | Rod                   | 1   | ⑥    | Cover O ring      | 2   | ⑪    | Piston seal | 1   |
| ②    | Rod cover dust seal   | 1   | ⑦    | Cover backup ring | 2   | ⑫    | Piston      | 1   |
| ③    | Rod cover             | 1   | ⑧    | Tube              | 1   | ⑬    | Set screw   | 1   |
| ④    | Rod cover backup ring | 1   | ⑨    | Rod O ring        | 1   | ⑭    | Head cover  | 1   |
| ⑤    | Rod cover seal        | 1   | ⑩    | Wear ring         | 2   |      |             |     |

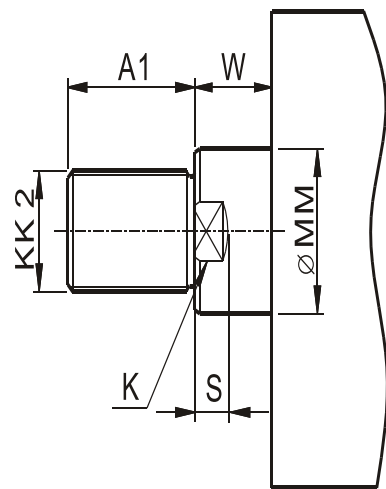
SEAL SPEC.

| Item | ②                   | ④           | ⑤              | ⑥+⑦          | ⑨             | ⑪            |
|------|---------------------|-------------|----------------|--------------|---------------|--------------|
| Name | Rod cover dust seal | Backup ring | Rod cover seal | Cover O ring | Piston O ring | Piston seal  |
| Qty  | 1                   | 1           | 1              | 1            | 1             | 1            |
| Bore | 1                   | 1           | 1              | 1            | 1             | 1            |
| 32   | 18x26x6             | 18x26x2t    | 18x26x5        | P32+BUR      | P14           | 32x21x4.2    |
| 40   | 22x30x6             | 22x30x2t    | 22x30x5        | G35+BUR      | P18           | 40x29x4.2    |
| 50   | 28x36x6             | 28x36x2t    | 28x36x5        | G45+BUR      | P22A          | 50x39x4.2    |
| 63   | 36x44x6.5           | 36x46x3t    | 36x46x6        | G58+BUR      | G30           | 63x52x4.2    |
| 80   | 45x53x6.5           | 45x55x3t    | 45x55x6        | G75+BUR      | G40           | 80x69x4.2    |
| 100  | 56x64x6.5           | 56x66x3t    | 56x66x6        | G95+BUR      | G50           | 100x84.5x6.3 |

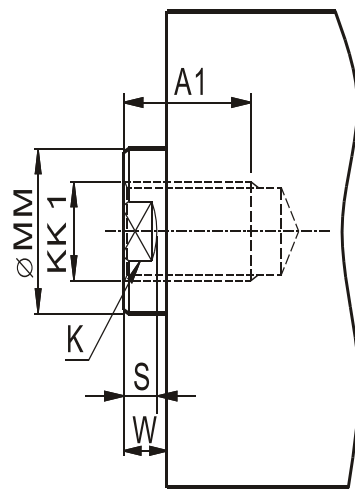
ORDER INDICATION



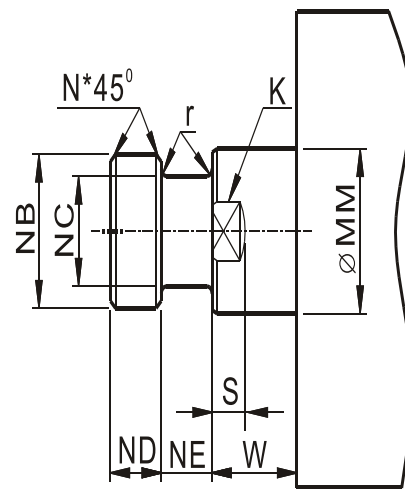
TYPE OF PISTON ROD SHAFT END



EX:External thread



IN:Internal thread



T:T-slot

| Symbol | MM | K  | KK 1      | KK 2       | NB | A1 | NC | ND | NE | n | r | S | W  |
|--------|----|----|-----------|------------|----|----|----|----|----|---|---|---|----|
| Bore   |    |    |           |            |    |    |    |    |    |   |   |   |    |
| 32     | 18 | 14 | M8 × 1.25 | M12 × 1.25 | 16 | 20 | 10 | 8  | 8  | 1 | 1 | 9 | 10 |
| 40     | 22 | 17 | M10 × 1.5 | M16 × 1.5  | 20 | 25 | 13 | 10 | 10 | 1 | 1 | 9 | 10 |
| 50     | 28 | 22 | M16 × 1.5 | M20 × 1.5  | 25 | 30 | 16 | 13 | 13 | 1 | 1 | 9 | 10 |
| 63     | 36 | 30 | M20 × 1.5 | M27 × 2.0  | 33 | 40 | 22 | 16 | 16 | 2 | 2 | 9 | 10 |
| 80     | 45 | 36 | M27 × 2.0 | M33 × 2.0  | 42 | 50 | 30 | 20 | 20 | 2 | 2 | 9 | 10 |
| 100    | 56 | 46 | M33 × 2.0 | M42 × 2.0  | 53 | 60 | 36 | 30 | 30 | 2 | 2 | 9 | 10 |

Tie-rod Hydraulic Cylinder

Mold Hydraulic Cylinders

Swivel & Clamp Hydraulic Cylinders

Booster Cylinders & Unclamping cylinders

ISO Specifications Cylinders

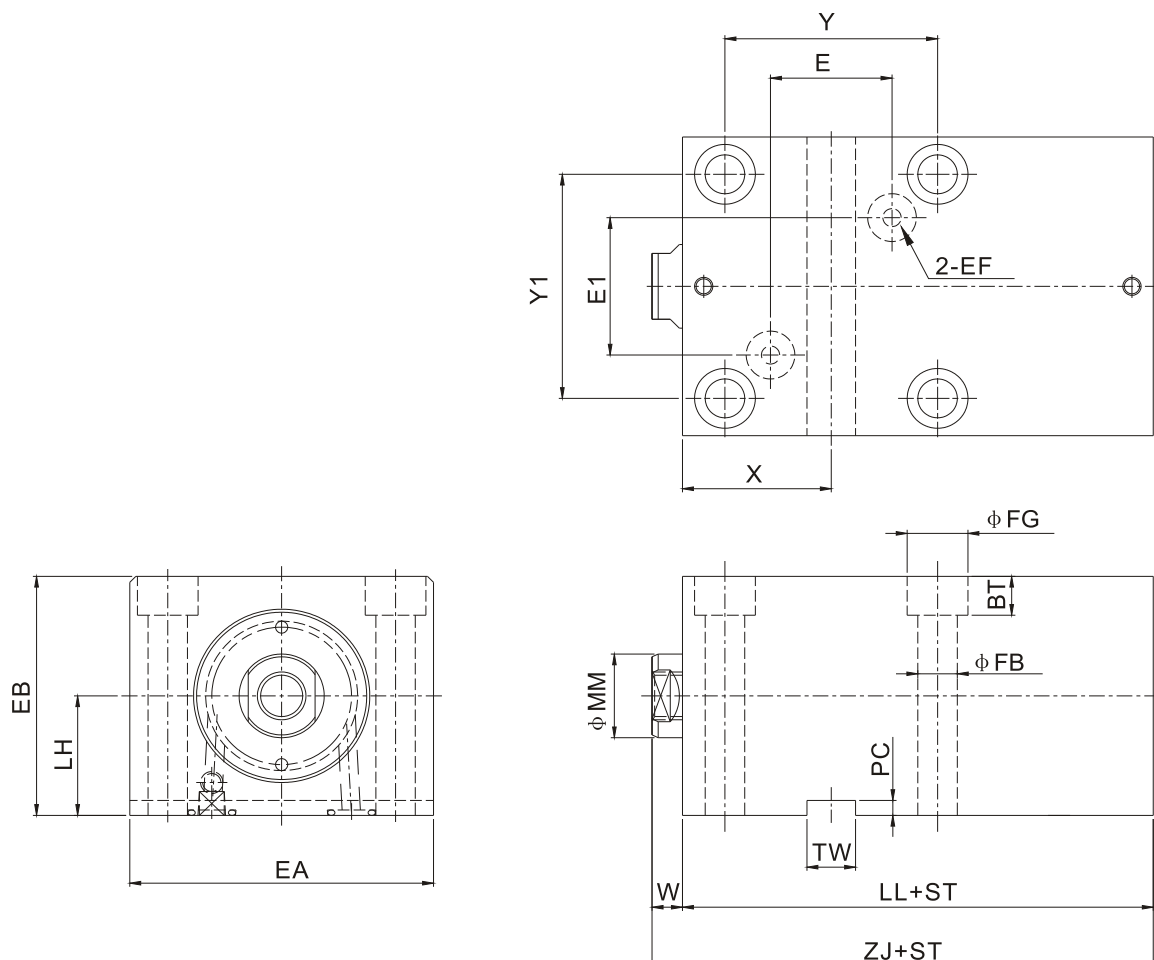
Round Hydraulic Cylinders

Specific Hydraulic Cylinders

Systems & Fittings

## EXTERNAL DIMENSIONS

- JECR-MF-LA-IN Internal thread, manifold block, foot flange



| Symbol | MM | W  | TW | PC | LL  | ZJ  | X  | EA  | LH | EF                       | EB  | E  | Y  | E1 | Y1  | FG | FB | BT |
|--------|----|----|----|----|-----|-----|----|-----|----|--------------------------|-----|----|----|----|-----|----|----|----|
| Bore   |    |    |    |    |     |     |    |     |    |                          |     |    |    |    |     |    |    |    |
| 32     | 18 | 10 | 10 | 5  | 76  | 86  | 37 | 80  | 30 | φ15.5x1.8bottom holeφ5.2 | 60  | 30 | 50 | 36 | 58  | 14 | 9  | 9  |
| 40     | 22 | 10 | 12 | 5  | 85  | 95  | 42 | 90  | 35 | φ15.5x1.8bottom holeφ6   | 70  | 35 | 60 | 40 | 65  | 14 | 9  | 9  |
| 50     | 28 | 10 | 16 | 5  | 95  | 105 | 49 | 100 | 40 | φ15.5x1.8bottom holeφ6   | 80  | 40 | 70 | 46 | 75  | 20 | 13 | 13 |
| 63     | 36 | 10 | 16 | 5  | 108 | 118 | 50 | 120 | 50 | φ19.5x1.8bottom holeφ8   | 100 | 40 | 70 | 50 | 90  | 20 | 13 | 13 |
| 80     | 45 | 10 | 20 | 5  | 126 | 136 | 55 | 140 | 55 | φ19.5x1.8bottom holeφ8   | 110 | 45 | 80 | 70 | 110 | 20 | 13 | 13 |
| 100    | 56 | 10 | 20 | 5  | 140 | 150 | 61 | 160 | 65 | φ19.5x1.8bottom holeφ8   | 130 | 45 | 80 | 80 | 130 | 23 | 15 | 15 |

Note:IN/EX/T-slot size refer to P146 type of piston rod shaft end.

Oil port O-ring size

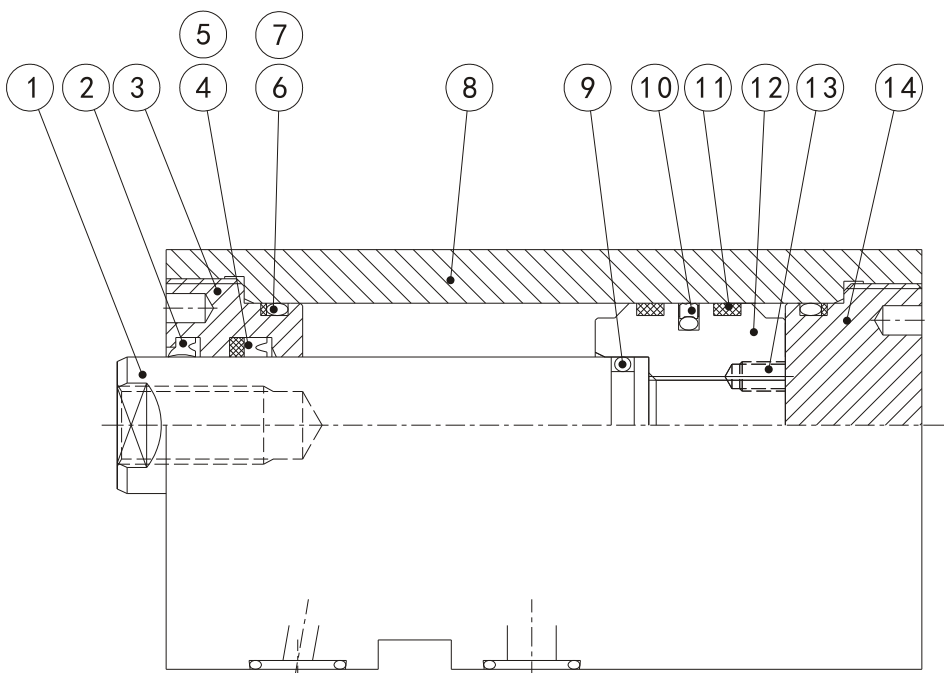
|      |     |
|------|-----|
| Ø32  | P12 |
| Ø40  | P12 |
| Ø50  | P12 |
| Ø63  | P16 |
| Ø80  | P16 |
| Ø100 | P16 |

JEBC BLOCK CYLINDERS



- All the seals adopt the specifications from well-known foreign brands.
- Save space,easy installation, suitable for mold and processing fixture or installation space is limited.
- Similar to the installation size of CBC.

INTERNAL STRUCTURE AND PART NAMES



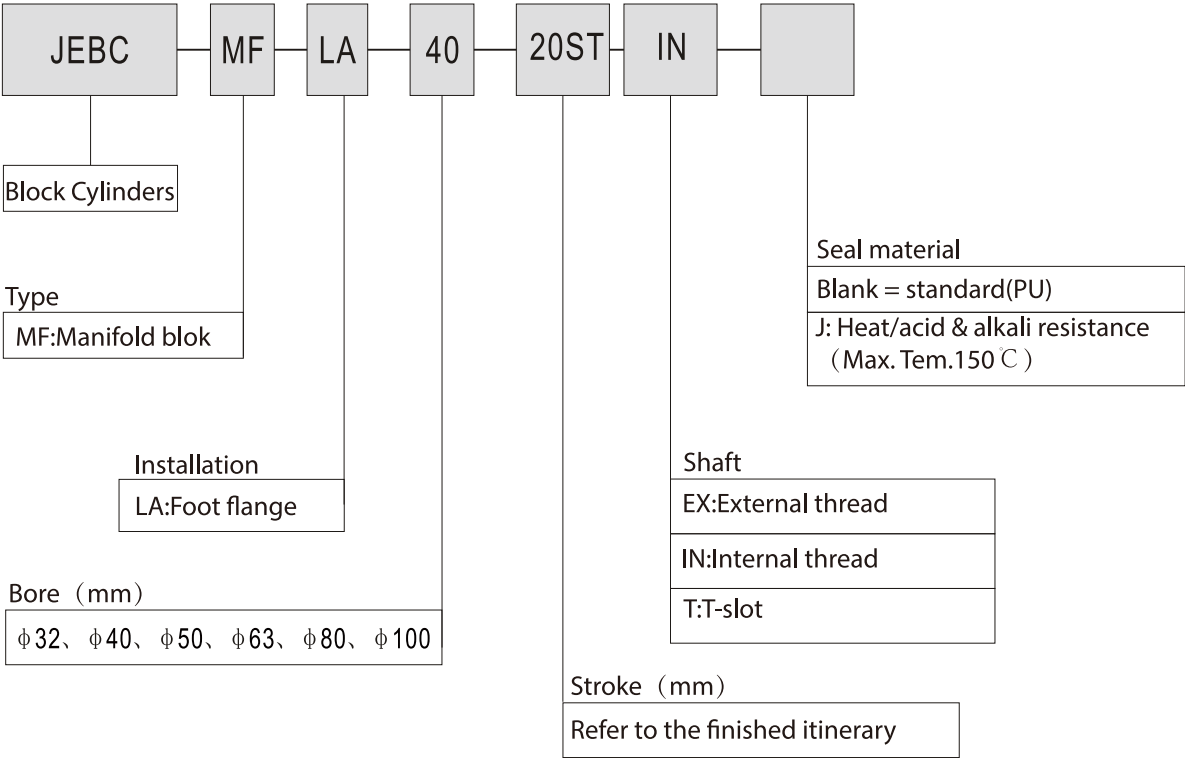
| Item | Part name             | Qty | Item | Part name         | Qty | Item | Part name  | Qty |
|------|-----------------------|-----|------|-------------------|-----|------|------------|-----|
| ①    | Rod                   | 1   | ⑥    | Cover O ring      | 2   | ⑪    | Wear ring  | 2   |
| ②    | Rod cover dust seal   | 1   | ⑦    | Cover backup ring | 2   | ⑫    | Piston     | 1   |
| ③    | Rod cover             | 1   | ⑧    | Tube              | 1   | ⑬    | Set screw  | 1   |
| ④    | Rod cover backup ring | 1   | ⑨    | Rod O ring        | 1   | ⑭    | Head cover | 1   |
| ⑤    | Rod cover seal        | 1   | ⑩    | Piston seal       | 1   |      |            |     |

- Tie-rod Hydraulic Cylinder
- Mold Hydraulic Cylinders
- Swivel & Clamp Hydraulic Cylinders
- Booster Cylinders & Unclamping cylinders
- ISO Specifications Cylinders
- Round Hydraulic Cylinders
- Specific Hydraulic Cylinders
- Systems & Fittings

SEAL SPEC.

| Item | ②                   | ④           | ⑤              | ⑥+⑦          | ⑨             | ⑩            |
|------|---------------------|-------------|----------------|--------------|---------------|--------------|
| Name | Rod cover dust seal | Backup ring | Rod cover seal | Cover O ring | Piston O ring | Piston seal  |
| Qty  | 1                   | 1           | 1              | 1            | 1             | 1            |
| Bore | 1                   | 1           | 1              | 1            | 1             | 1            |
| 32   | 18x26x6             | 18x26x2t    | 18x26x5        | P32+BUR      | P14           | 32x21x4.2    |
| 40   | 22x30x6             | 22x30x2t    | 22x30x5        | G35+BUR      | P18           | 40x29x4.2    |
| 50   | 28x36x6             | 28x36x2t    | 28x36x5        | G45+BUR      | P22A          | 50x39x4.2    |
| 63   | 36x44x6.5           | 36x46x3t    | 36x46x6        | G58+BUR      | G30           | 63x52x4.2    |
| 80   | 45x53x6.5           | 45x55x3t    | 45x55x6        | G75+BUR      | G40           | 80x69x4.2    |
| 100  | 56x64x6.5           | 56x66x3t    | 56x66x6        | G95+BUR      | G50           | 100x84.5x6.3 |

ORDER INDICATION

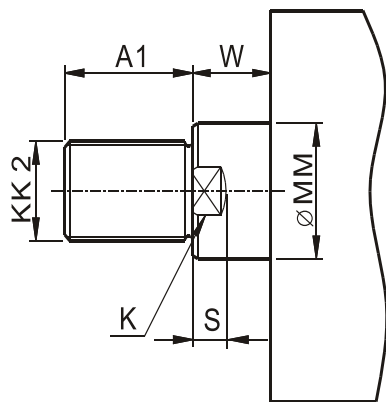


FINISHED STANDARD STROKE

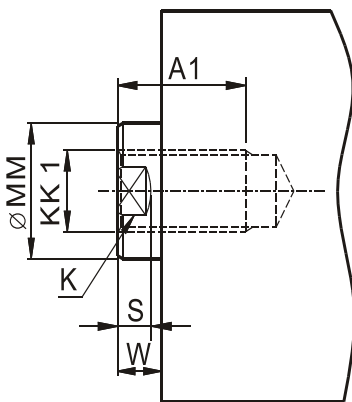
| 行程<br>内徑 | 30 | 60 | 70 | 80 | 100 | 110 | 125 | 130 | 150 | 160 | 180 | 200 | 220 | 230 | 240 | 250 | 275 |
|----------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 32       |    | ◎  |    | ◎  | ◎   |     | ◎   |     |     |     |     |     |     |     |     |     |     |
| 40       | ◎  | ◎  |    | ◎  |     | ◎   |     |     | ◎   |     |     |     |     |     |     |     |     |
| 50       |    | ◎  |    | ◎  | ◎   |     | ◎   |     | ◎   |     | ◎   |     |     |     |     |     |     |
| 63       |    |    | ◎  |    | ◎   |     |     | ◎   |     | ◎   | ◎   | ◎   | ◎   |     | ◎   |     | ◎   |
| 80       |    |    |    | ◎  | ◎   |     |     | ◎   |     | ◎   | ◎   | ◎   |     | ◎   |     | ◎   | ◎   |

Note : 1. ◎ : Indicates that all parts are in stock.  
2.JEBC only orders the itineraries listed in the above table, other itineraries can be ordered through JECX products.

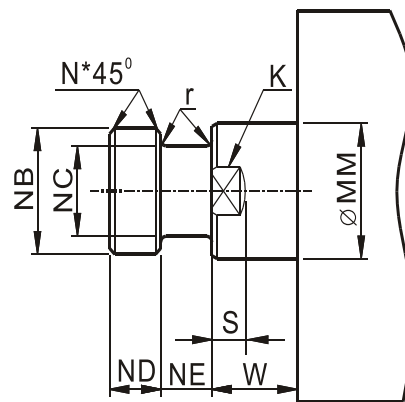
TYPE OF PISTON ROD SHAFT END



EX: External thread



IN: Internal thread



T: T-slot

| Symbol<br>Bore | MM | K  | KK 1       | KK 2       | NB | A1 | NC | ND | NE | n | r | S  | W  |
|----------------|----|----|------------|------------|----|----|----|----|----|---|---|----|----|
| 32             | 18 | 16 | M12 × 1.75 | M12 × 1.75 | 16 | 20 | 10 | 8  | 8  | 1 | 1 | 7  | 8  |
| 40             | 22 | 17 | M12 × 1.75 | M12 × 1.75 | 20 | 25 | 13 | 10 | 10 | 1 | 1 | 9  | 10 |
| 50             | 28 | 22 | M16 × 2.0  | M16 × 2.0  | 25 | 30 | 16 | 13 | 13 | 1 | 1 | 9  | 10 |
| 63             | 36 | 30 | M20 × 2.5  | M20 × 2.5  | 33 | 40 | 22 | 16 | 16 | 2 | 2 | 11 | 12 |
| 80             | 45 | 36 | M27 × 3.0  | M27 × 3.0  | 42 | 50 | 30 | 20 | 20 | 2 | 2 | 13 | 14 |
| 100            | 56 | 46 | M36 × 4.0  | M36 × 4.0  | 53 | 60 | 36 | 30 | 30 | 2 | 2 | 13 | 14 |

Tie-rod  
Hydraulic  
Cylinder

Mold  
Hydraulic  
Cylinders

Swivel &  
Clamp  
Hydraulic  
Cylinders

Booster  
Cylinders  
&  
Unclamping  
cylinders

ISO  
Specifications  
Cylinders

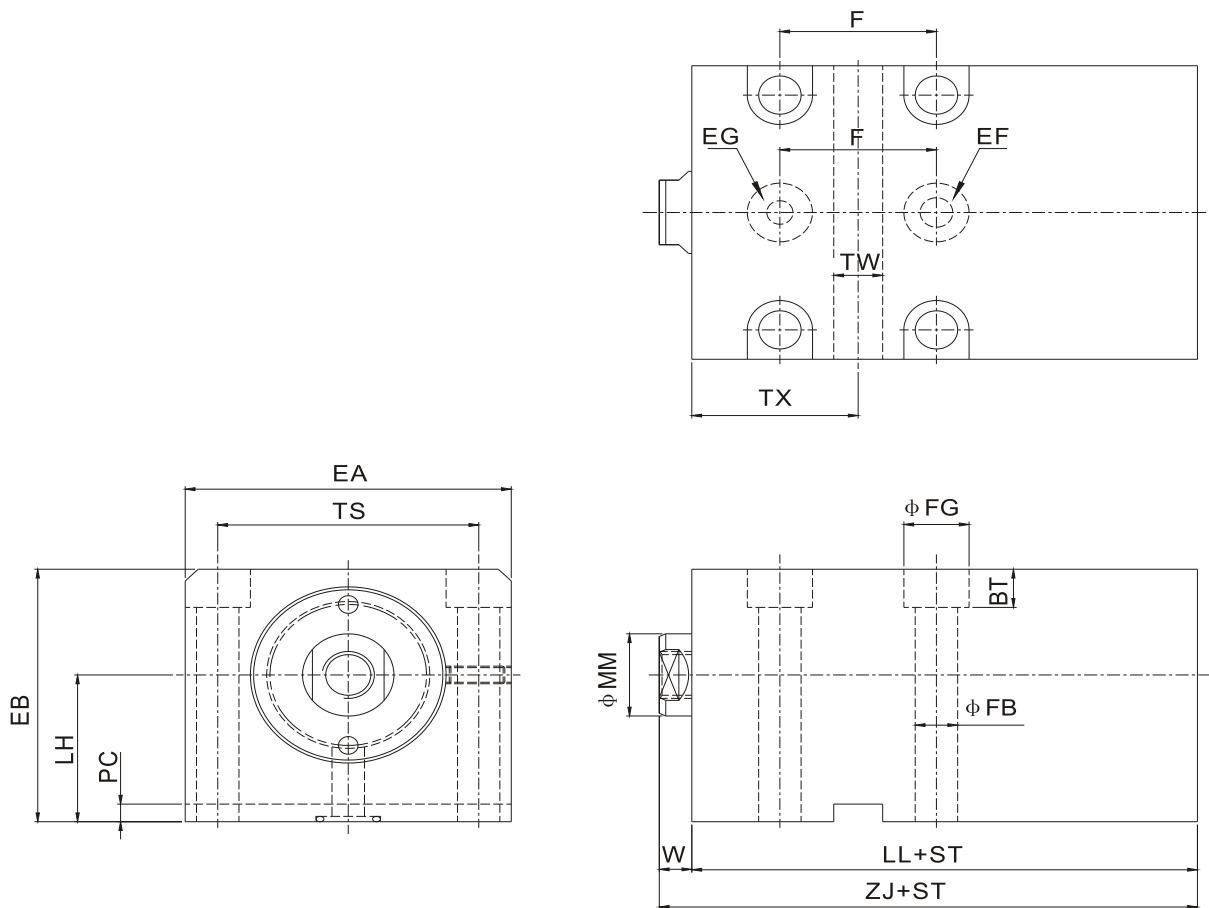
Round  
Hydraulic  
Cylinders

Specific  
Hydraulic  
Cylinders

Systems  
&  
Fittings

## EXTERNAL DIMENSIONS

- JEBC-MF-LA-IN Internal tooth, manifold block, foot flange



| Symbol<br>Bore | MM | W  | LL  | ZJ  | FB | FG | BT   | TX | TW | F  | PC | EG                      | EF                      |
|----------------|----|----|-----|-----|----|----|------|----|----|----|----|-------------------------|-------------------------|
| 32             | 18 | 8  | 76  | 84  | 11 | 18 | 10.8 | 42 | 12 | 36 | 5  | φ15.5x1.8bottom holeφ5  | φ15.5x1.8bottom holeφ8  |
| 40             | 22 | 10 | 85  | 95  | 11 | 18 | 10.8 | 44 | 12 | 42 | 5  | φ19.5x1.8bottom holeφ6  | φ19.5x1.8bottom holeφ10 |
| 50             | 28 | 10 | 95  | 105 | 13 | 20 | 13   | 51 | 15 | 48 | 6  | φ19.5x1.8bottom holeφ6  | φ19.5x1.8bottom holeφ10 |
| 63             | 36 | 12 | 108 | 120 | 17 | 26 | 17.5 | 54 | 20 | 52 | 6  | φ21.5x1.8bottom holeφ8  | φ21.5x1.8bottom holeφ12 |
| 80             | 45 | 14 | 126 | 140 | 21 | 32 | 21.5 | 63 | 20 | 56 | 8  | φ21.5x1.8bottom holeφ10 | φ21.5x1.8bottom holeφ14 |
| 100            | 56 | 14 | 140 | 154 | 21 | 32 | 21.5 | 73 | 20 | 56 | 8  | φ23.5x1.8bottom holeφ10 | φ23.5x1.8bottom holeφ14 |

| Symbol<br>Bore | LH | EB  | TS  | EA  |
|----------------|----|-----|-----|-----|
| 32             | 38 | 66  | 57  | 75  |
| 40             | 45 | 76  | 72  | 90  |
| 50             | 50 | 86  | 80  | 100 |
| 63             | 60 | 106 | 94  | 120 |
| 80             | 70 | 130 | 118 | 150 |
| 100            | 85 | 155 | 132 | 170 |

### Oil port O-ring size

|      |     |
|------|-----|
| Ø32  | P12 |
| Ø40  | P16 |
| Ø50  | P16 |
| Ø63  | P18 |
| Ø80  | P18 |
| Ø100 | P20 |

Note:IN/EX/T-slot size refer to P146 type of piston rod shaft end.