

Improvement in ahp.book 4.0

ahp.informiert

The original ahp.informiert was extended, for example we explained a little bit more how important the seal material is for special hydraulic fluids. Some texts were changed and some were added.

The cylinder finder had a large extension, now you can find all forces for every piston and rod diameter which we have in our standard program, also the new models were added.

1. Block cylinder

Large improvement:

- Integration of the fast delivery program
- Changeover of the BZN/BRBN order specification

订购名称更改

Change of the order specification

Änderung der Bestellbezeichnung

旧订购名称举例

Example old order specification

Beispiel alte Bestellbezeichnung

BZN 500 .50 / 32/ 02. 201. 030 B0. N20

新订购名称

With new specification

Mit neuer Bezeichnung

BZN 500 .50 / 32. 02. 201. 030. B0. Y2 + 2x Art. 015684

插头需要单独订购，详见1/37页。

Plugs must be ordered separately, see page 1/37

Stecker müssen separat bestellt werden, siehe Seite 1/37

- Integration of the BZP 501/321
- Changeover to the new magnetic field sensors
- Added the max. pressure table
- Added the min. stroke
- Integration of the accessories

Small improvement:

- Added the flush mount vent screw (E...NF)
- Changeover to the new keyway description
- Extended the centering collar diameters
- Extended couplings (sizes and forces)
- Added the new coupling counterpart
- Added the headless pins for BZR/BZP

2. Stamping cylinder

- Added the min. stroke
- Extended to mounting styles with style 12, 14, 21, 25
- Added the flush mount vent screw (E...NF)
- Changeover to the new keyway description
- Extended the centering collar diameters
- Integration of the accessories

3. Circular block cylinder

- Integration of the fast delivery program
- Added the flush mount vent screw (E... und E...NF)
- Integration of the accessories

4. Push unit

- Integration of the fast delivery program
- Added keyway (starting in October)
- Added style 31/32 (O-Ring oil port)
- Added the min. stroke

5. Standard cylinder

- Changeover the cylinder description (stroke after function mode)
- Modification of the description 10/11 to a10/a11
- Changeover of the UZN/HZN/HZHN order specification

订购名称更改

Change of the order specification

Änderung der Bestellbezeichnung

旧订购名称举例

Example old order specification
Beispiel alte Bestellbezeichnung

HZN 250 .50 / 32/ 120. 02. 201 B0. N20

新订购名称

With new specification
Mit neuer Bezeichnung

HZN 250 .50 / 32. 02. 201. 120. B0. Y2 + 2x Art. 015684

插头需要单独订购，详见5/12页

Plugs must be ordered separately, see page 5/12
Stecker müssen separat bestellt werden, siehe Seite 5/12

- Changeover to the new magnetic field sensors
- Optical and measurements changes
- Development and integration of the accessories for UZ(N)/HZ(N)/HZH(N)/HMZ/MH

6. DIN standard cylinder

- Integration of the ZHZ (Is a standard cylinder)
- Changeover to the new cylinder description (DHZ)

新型号不带缓冲 **New designation without cushioning** **Neue Bezeichnung ohne Dämpfung**

DHZ 250. 50 / 32 . 22 . 201 . 100 . AA 1 1 . EE 4 4

连接位置
Oil Port position
Anschlussposition
 头部连接位置1
Oil head side position 1
Anschluss kopfseitig Position 1
 头部连接位置1
Oil port rear side position 1
Anschluss bodenseitig Position 1
 排气位置
Venting position
Entlüftungsart
 排气顶部位置4
Venting head side position 4
Entlüftung kopfseitig Position 4
 底部排气位置4
Venting rear side position 4
Entlüftung bodenseitig Position 4

新型号带缓冲 **New designation with cushioning** **Neue Bezeichnung mit Dämpfung**

DHZ 250. 50 / 32 . 22 . 204 . 100 . AA 1 1 . EE 4 4 . DD 2 2 V

连接位置
Oil Port position
Anschlussposition
 头部连接位置1
Oil head side position 1
Anschluss kopfseitig Position 1
 头部连接位置1
Oil port rear side position 1
Anschluss bodenseitig Position 1
 排气位置
Venting position
Entlüftungsart
 排气顶部位置4
Venting head side position 4
Entlüftung kopfseitig Position 4
 底部排气位置4
Venting rear side position 4
Entlüftung bodenseitig Position 4
 缓冲位置
Cushioning position
Dämpfungposition
 缓冲 顶部 位置2
Cushioning head side position 2
Dämpfung kopfseitig Position 2
 缓冲 底部 位置2
Cushioning rear side position 2
Dämpfung bodenseitig Position 2
 密封件
Seal option
Dichtungsvariante

- Added accessories for ZHZ
- Integration of the accessories

7. Hydraulic cylinder with external guide

- Modification of the function mode pictures

8. Locking cylinder

- Integration of the locking cylinder
- Added max. strokes
- Added the flush mount vent screw (E...NF)
- Added the plugs
- Added spare parts

9. Short-stroke cylinder

- Integration of the fast delivery program
- Optical changes

10. Screw-in cylinder

- Extended the strokes
- Modification of the drawing
- Measurement changes

11. Core pull unit

- Integrated the new switch kit

12. Flanged cylinder

- Optical corrections

13. Double-lined cylinder

- Optical corrections

14. Clamping elements

- Removed the rotating clamp unit
- Optical corrections

15. Rotary drive unit

- Changed the max. working pressure
- Added the locking thread

16. ahp.solutions

- Renamed ahp.spezial in ahp.solutions
- Added the BMZ and water cooling (block and circular block cylinder)

17. Accessories

- Removed the DIN fittings
- Small extension of the series connection box
- Removed the production specific accessories (added into the cylinder chapters)