

RECIPROCATING PUMP

16SCY14-1B Axial Piston Variable displacement pump

ISO9001 Supplier

Class Certificate

Export Supply

Product overview: CY14-1B series pump is an axial piston pump with cylinder rotation and variable head (swashplate). As the oil film thickness design of hydrostatic balance is adopted between the sliding shoe and t...



Key Highlights

|               |                                                                             |
|---------------|-----------------------------------------------------------------------------|
| Category      | Reciprocating Pump                                                          |
| Standard      | DIN                                                                         |
| Weight / Size | Therefore, compared with other types of pumps, the pump has the advantag... |
| Certificate   | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS                                  |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

| Technical Specifications |                                                                                                                                                                                                                                                                                                          |               |                                                                                                                                                                                                               |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category                 | Reciprocating Pump                                                                                                                                                                                                                                                                                       | Model / SKU   | 16SCY14-1B-Axial-Piston-Variable-displacement-pump                                                                                                                                                            |
| Standard                 | DIN                                                                                                                                                                                                                                                                                                      | Weight / Size | Therefore, compared with other types of pumps, the pump has the advantages of simple structure, small volume, high efficiency, light weight, low noise, long service life, strong self-priming capacity, etc. |
| Surface                  | As the oil film thickness design of hydrostatic balance is adopted between the sliding shoe and the variable head, and between the oil distribution plate and the cylinder block, the above two pairs of moving surfaces are operated under pure liquid friction, and heavy thrust bearings are omitted. | Certificate   | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS                                                                                                                                                                    |
| Warranty                 | 12 Months unless specified otherwise                                                                                                                                                                                                                                                                     | Origin        | China                                                                                                                                                                                                         |

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## Product overview:

CY14-1B series pump is an axial piston pump with cylinder rotation and variable head (swashplate). As the oil film thickness design of hydrostatic balance is adopted between the sliding shoe and the variable head, and between the oil distribution plate and the cylinder block, the above two pairs of moving surfaces are operated under pure liquid friction, and heavy thrust bearings are omitted. Therefore, compared with other types of pumps, the pump has the advantages of simple structure, small volume, high efficiency, light weight, low noise, long service life, strong self-priming capacity, etc. It is suitable for forging and pressing machinery, machine tools, ships, aviation Hydraulic equipment such as metallurgical machinery, plastic machinery, engineering machinery and mining machinery.

## Techniucal data:

|       |                                   |                               |                     |                  |                      |
|-------|-----------------------------------|-------------------------------|---------------------|------------------|----------------------|
| Model | (MPa) Continuous working pressure | (ml/rev) Nominal displacement | (r/min) Rated power | (KW) Rated power | (kg) SCY14-1B Weight |
|       |                                   |                               |                     |                  |                      |

