

ENGINEERING
TOMORROW



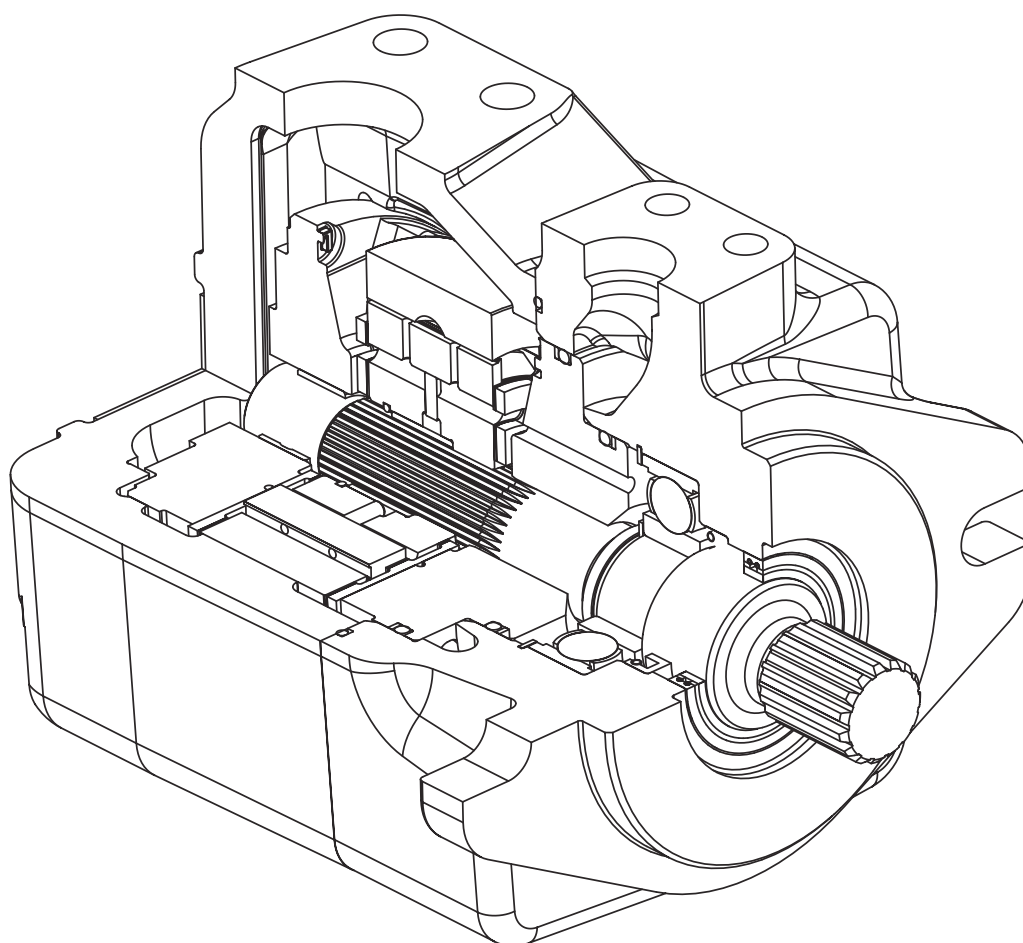
Vickers® by Danfoss

High Pressure, High Performance Vane Pumps

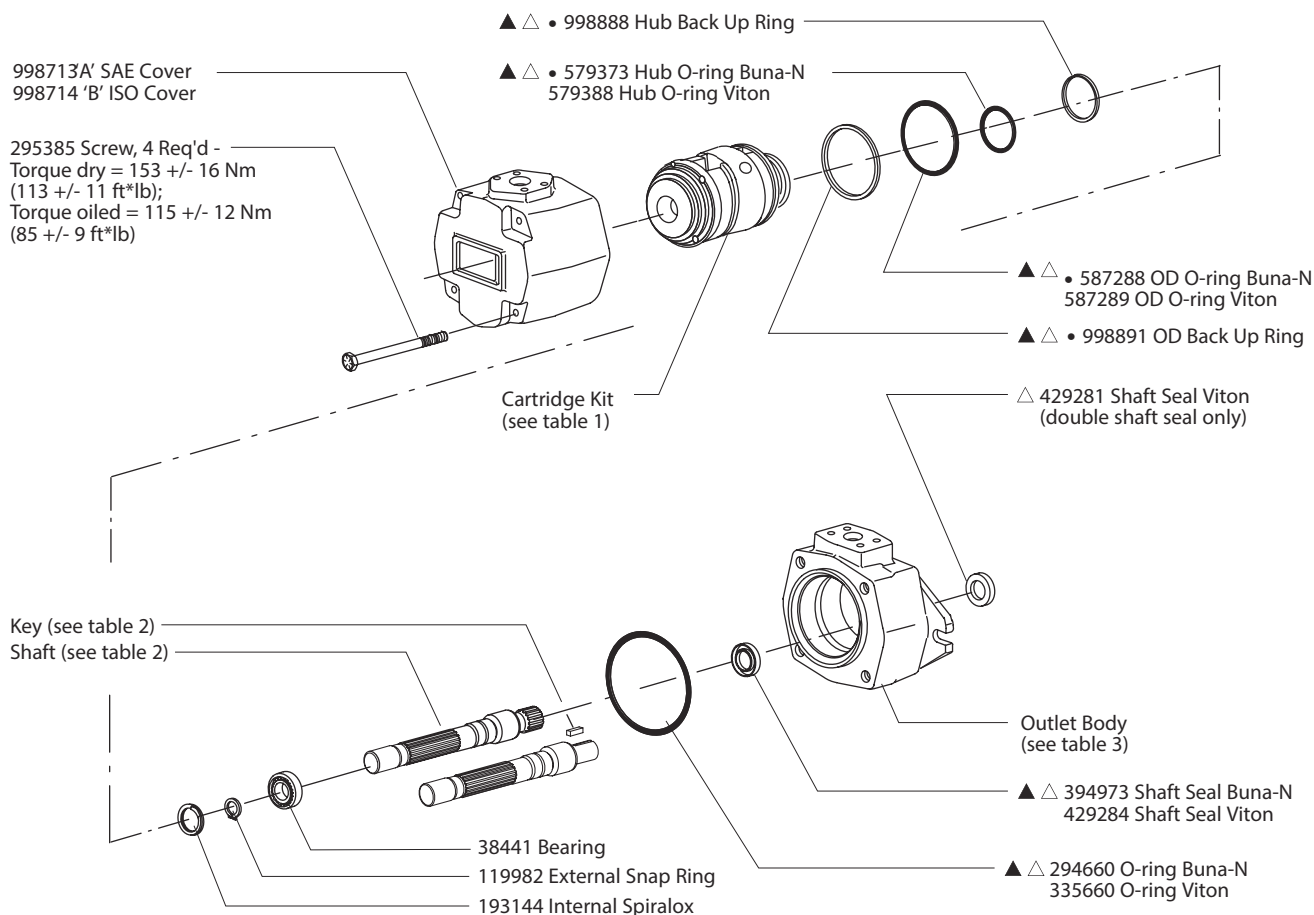
Parts and Service Manual

AX438767255855en-000101

VMQ125S Series
– 32 Design



VICKERS®



Note Lubricate all parts and seals with a thin coat of oil at assembly.

- Included in Cartridge Kit (see table 1)
- ▲ Included in STD Single Seal Kit 02-334550 or Viton® Seal Kit 02-334551.
- △ Included in STD Double Seal Kit 02-334633 or Viton® Seal Kit 02-334634..
- * See Table X1 and X2 for Kit Rotation Information

TABLE X1

Cartridge Kit Rotation for Right Hand Rotation Pump

R= Right Hand Rotation		L=Left Hand Rotation	
PUMP ROTATION	SHAFT END KIT ROTATION	CENTER KIT ROTATION	COVER END KIT ROTATION
Single & Thru (R)	(R)	-	-

- *Notes:
- A right hand rotation pump has the shaft turning clockwise when viewed from the input shaft end
 - When ordering a right hand rotation kit, the part number will not have a suffix

TABLE X2

Cartridge Kit Rotation for Left Hand Rotation Pump

R= Right Hand Rotation		L=Left Hand Rotation	
PUMP ROTATION	SHAFT END KIT ROTATION	CENTER KIT ROTATION	COVER END KIT ROTATION
Single & Thru (L)	(L)	-	-

- *Notes:
- A left hand rotation pump has the shaft turning counterclockwise when viewed from the input shaft end
 - When ordering a left hand rotation kit, the part number will have a suffix of '-L'

TABLE 1

MODEL CODE	* • CARTRIDGE KIT (BUNA-N)*	* • CARTRIDGE KIT (VITON ')*
VMQ125*010	02-347013	02-347014
VMQ125*016	02-347011	02-347012
VMQ125*020	02-347009	02-347010
VMQ125*025	02-347007	02-347008
VMQ125*032	02-347005	02-347006
VMQ125*040	02-347003	02-347004
VMQ125*045	02-347001	02-347002
VMQ125*050	02-346999	02-347000
VMQ125*063	02-346997	02-346998
VMQ125*071	02-346995	02-346996
VMQ125*080	02-346993	02-346994
VMQ125*090	02-347102	02-347103

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TABLE 2

MODEL CODE	SHAFT	KEY
VMQ125S-*.***.*-01	932890	928540
VMQ125S-*.***.*-02	932852	—
VMQ125S-*.***.*-03	932891	928545
VMQ125S-*.***.*-04	932892	928563
VMQ125S-*.***.*-05	932893	928541
VMQ125S-*.***.*-06	932894	—
VMQ125S-*.***.*-07	932895	928546
VMQ125S-*.***.*-08	932896	928564
VMQ125S-*.***.*-09	932897	—

TABLE 3

OUTLET BODY				
Flange Mounting Style	Single Shaft Seal Inch Port Threads	Metric Port Threads	Double Shaft Seal Inch Port Threads	Metric Port Threads
SAE B	998600	998602	998601	998603
ISO 100	—	998604	—	998605

```
VMQ1  ** * *** * * ** ** * * * * * 00 * 0 32
```

27 28 **Design code**

32 – 32 design

Installation dimensions remain unchanged for design numbers 30 to 39 inclusive.

* Verify shaft torque ratings meet or exceed input torque requirements

Products we offer:

- Cartridge valves
- DCV directional control valves
- Electric converters
- Electric machines
- Electric motors
- Gear motors
- Gear pumps
- Hydraulic integrated circuits (HICs)
- Hydrostatic motors
- Hydrostatic pumps
- Orbital motors
- PLUS+1® controllers
- PLUS+1® displays
- PLUS+1® joysticks and pedals
- PLUS+1® operator interfaces
- PLUS+1® sensors
- PLUS+1® software
- PLUS+1® software services, support and training
- Position controls and sensors
- PVG proportional valves
- Steering components and systems
- Telematics

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**Danfoss
Power Solutions (US) Company**
2800 East 13th Street
Ames, IA 50010, USA
Phone: +1 515 239 6000

**Danfoss
Power Solutions GmbH & Co. OHG**
Krokamp 35
D-24539 Neumünster, Germany
Phone: +49 4321 871 0

**Danfoss
Power Solutions ApS**
Nordborgvej 81
DK-6430 Nordborg, Denmark
Phone: +45 7488 2222

**Danfoss
Power Solutions Trading
(Shanghai) Co., Ltd.**
Building #22, No. 1000 Jin Hai Rd
Jin Qiao, Pudong New District
Shanghai, China 201206
Phone: +86 21 2080 6201