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TOMORROW



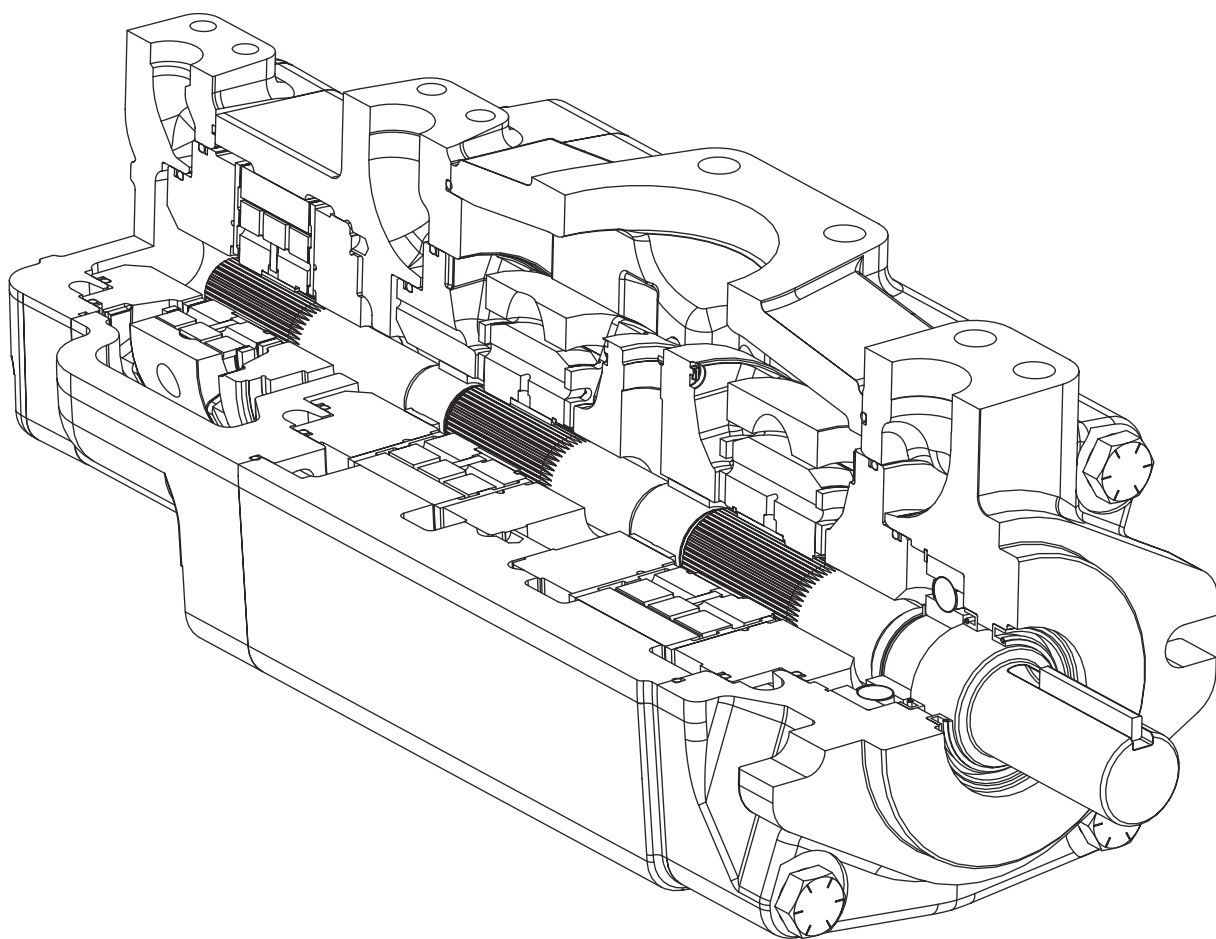
Vickers[®] by Danfoss

High Pressure, High Performance Triple Vane Pumps

Parts and Service Manual

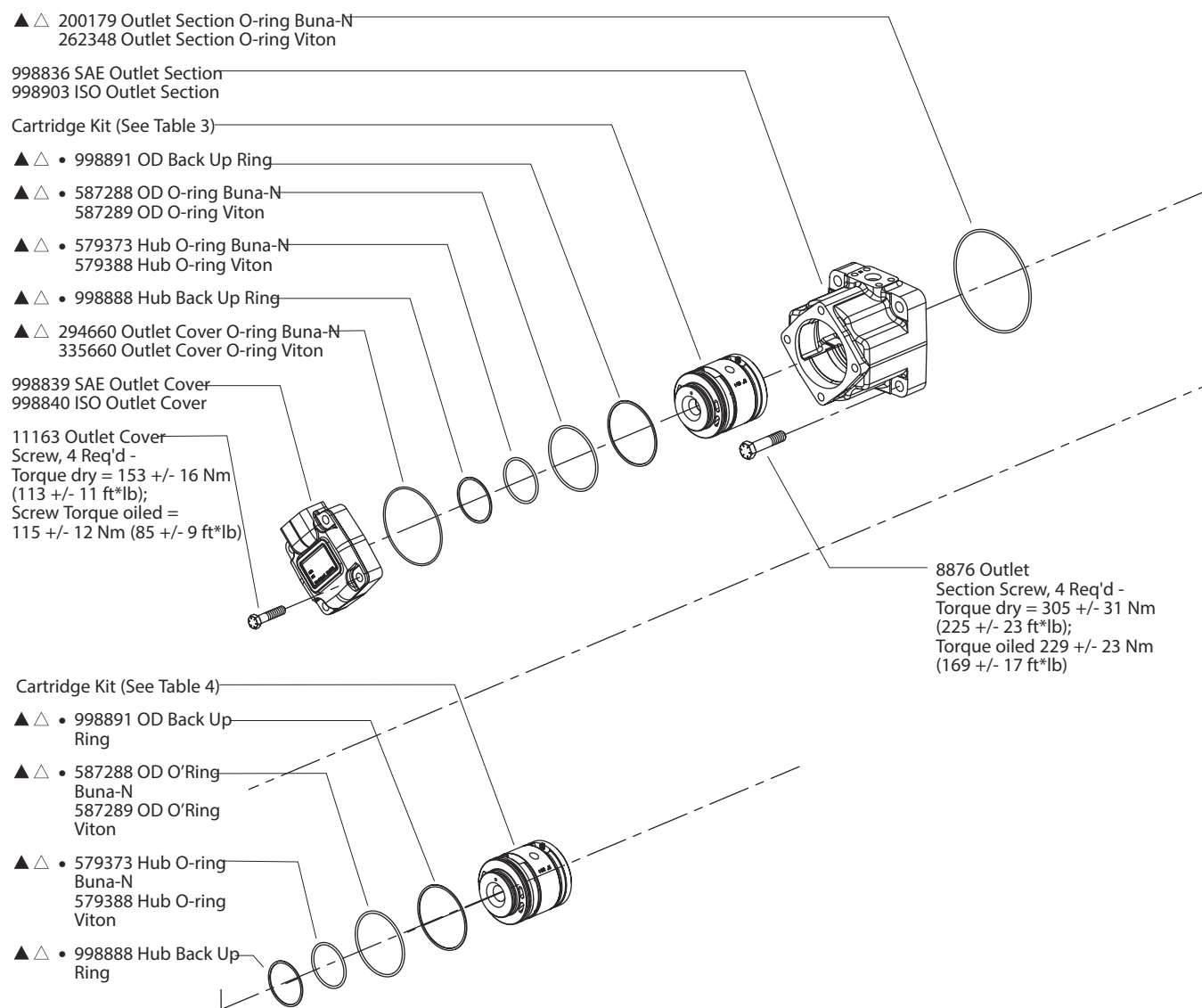
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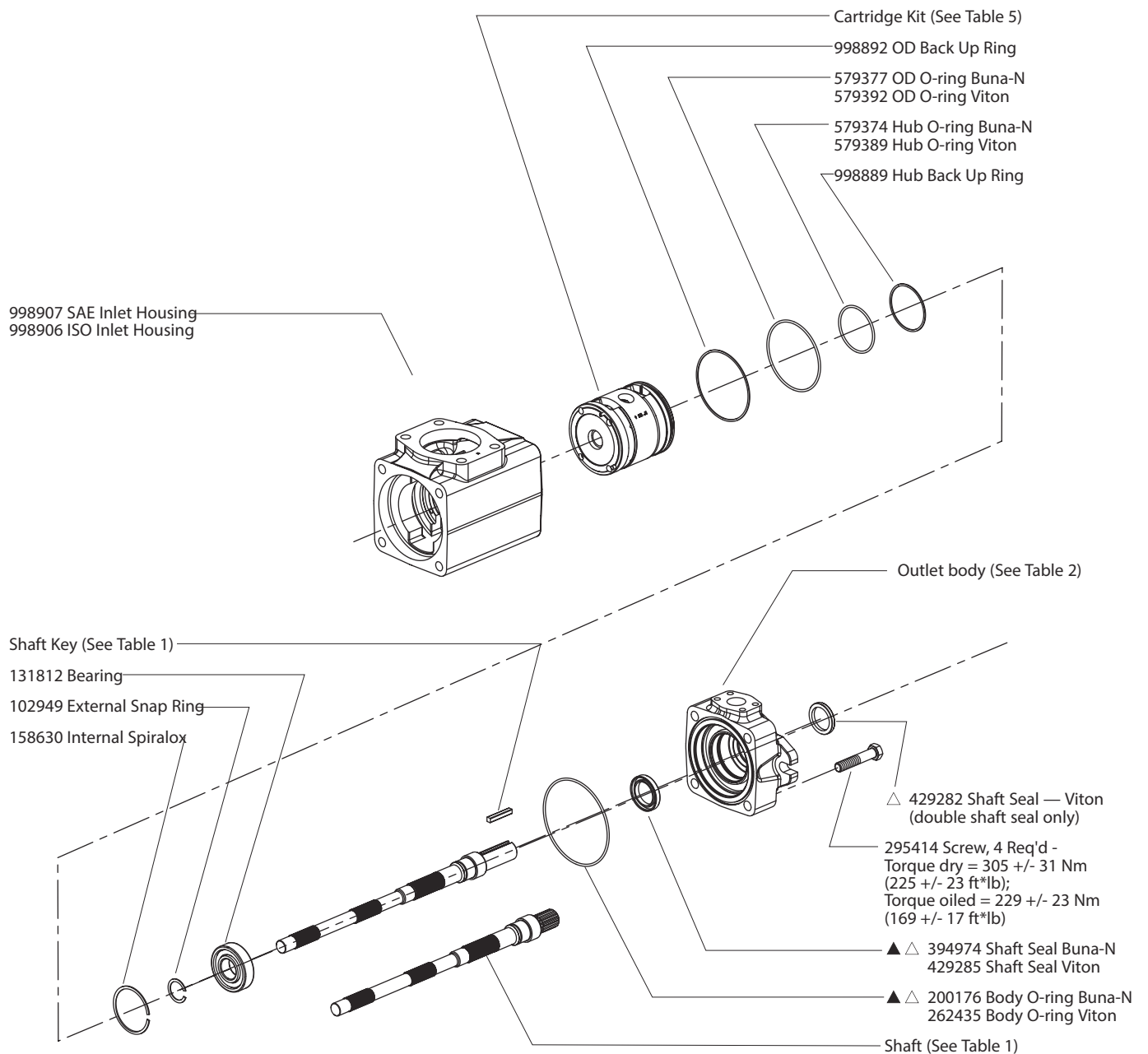
VMQ3352525S Series
– 32 Design



VICKERS[®]

High Pressure, High Performance Triple Vane Pump VMQ3352525S Series — 32 Design





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

- Included in Cartridge Kit (see table 3-5)
- ▲ Included in 02-346534 Buna-N Single Seal Kit or 02-346536 Vitron Single Seal Kit.
- △ Included in 02-346535 Buna-N Double Seal Kit or 02-346537 Vitron Double Seal Kit.

* With double and triple pumps, the orientation of the kits is such that the kit rotation is a reverse of the pump rotation. See tables X1 and X2 for the correct kit rotation relative to the pump rotation.

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
Triple (R)	(R)	(L)	(L)

*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
Triple (L)	(L)	(R)	(R)

*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	SHAFT	KEY
VMQ3352525S-***-***-***-*.01	998914	928541
VMQ3352525S-***-***-***-*.02	998915	—
VMQ3352525S-***-***-***-*.03	998916	928546
VMQ3352525S-***-***-***-*.05	998917	928542
VMQ3352525S-***-***-***-*.06	998918	—
VMQ3352525S-***-***-***-*.07	998919	928547

TABLE 2

OUTLET BODY				
Flange Mounting Style	Single Shaft Seal		Double Shaft Seal	
	Inch Port Threads	Metric Port Threads	Inch Port Threads	Metric Port Threads
SAE B	998929	998931	998930	998932
ISO 100	—	998933	—	998934

TABLE 3

MODEL CODE COVER END	* • CARTRIDGE KIT (BUNA-N)	* • CARTRIDGE KIT (VITON [®])
VMQ3352525S***-***-010	02-465564	02-465563
VMQ3352525S***-***-016	02-465565	02-465562
VMQ3352525S***-***-020	02-465566	02-465561
VMQ3352525S***-***-025	02-465567	02-465560
VMQ3352525S***-***-032	02-465568	02-465559
VMQ3352525S***-***-040	02-465551	02-465558
VMQ3352525S***-***-045	02-465550	02-465557
VMQ3352525S***-***-050	02-465549	02-465555
VMQ3352525S***-***-063	02-465548	02-465556
VMQ3352525S***-***-071	02-465547	02-465553
VMQ3352525S***-***-080	02-465546	02-465554
VMQ3352525S***-***-090	02-465545	02-465552

TABLE 4

MODEL CODE CENTER SECTION	* • CARTRIDGE KIT (BUNA-N)	* • CARTRIDGE KIT (VITON [®])
VMQ3352525S***-010-***	02-465574	02-465589
VMQ3352525S***-016-***	02-465575	02-465570
VMQ3352525S***-020-***	02-465576	02-465571
VMQ3352525S***-025-***	02-465578	02-465572
VMQ3352525S***-032-***	02-465577	02-465573
VMQ3352525S***-040-***	02-348974	02-348981
VMQ3352525S***-045-***	02-348975	02-348982
VMQ3352525S***-050-***	02-348976	02-348983
VMQ3352525S***-063-***	02-348977	02-348984
VMQ3352525S***-071-***	02-348978	02-348985
VMQ3352525S***-080-***	02-348979	02-348986
VMQ3352525S***-090-***	02-348980	02-348987

TABLE 5

MODEL CODE SHAFT END	* • CARTRIDGE KIT (BUNA-N)	* • CARTRIDGE KIT (VITON [®])
VMQ3352525S-90-***-***	02-346986	02-346987
VMQ3352525S-100-***-***	02-346984	02-346985
VMQ3352525S-112-***-***	02-346982	02-346983
VMQ3352525S-125-***-***	02-346980	02-346981
VMQ3352525S-135-***-***	02-346978	02-346979
VMQ3352525S-140-***-***	02-348374	02-348376
VMQ3352525S-158-***-***	02-348181	02-348180

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