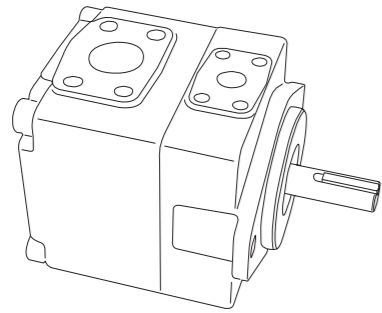


Hydraulics

Vane Pumps & Motors

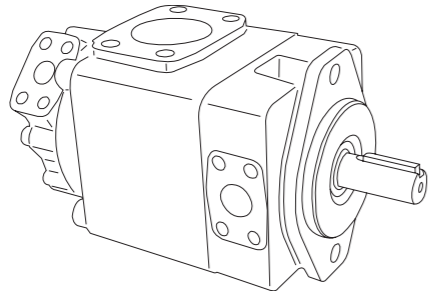
DENISON Hydraulics

The Difference is Inside



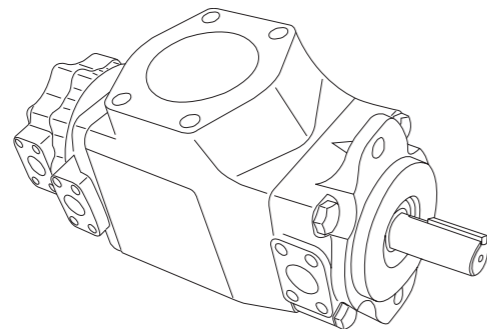
Vane Pumps : Single

- Fixed displacements from 6 to 269 cm³/rev, pressure ratings from 175 to 320 bar.
- Silent technology.
- User friendly to convert and adapt.



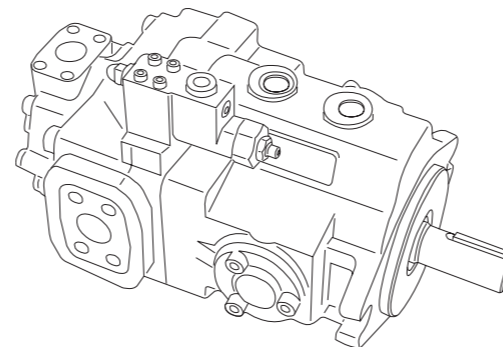
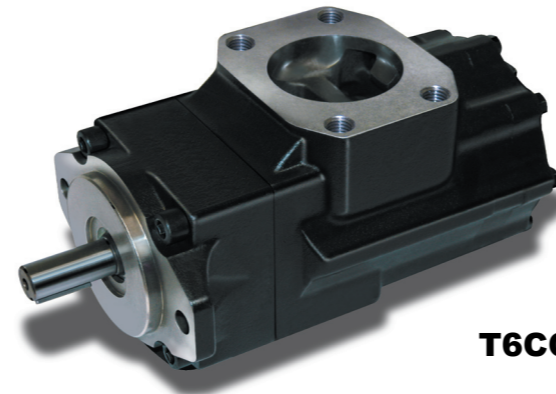
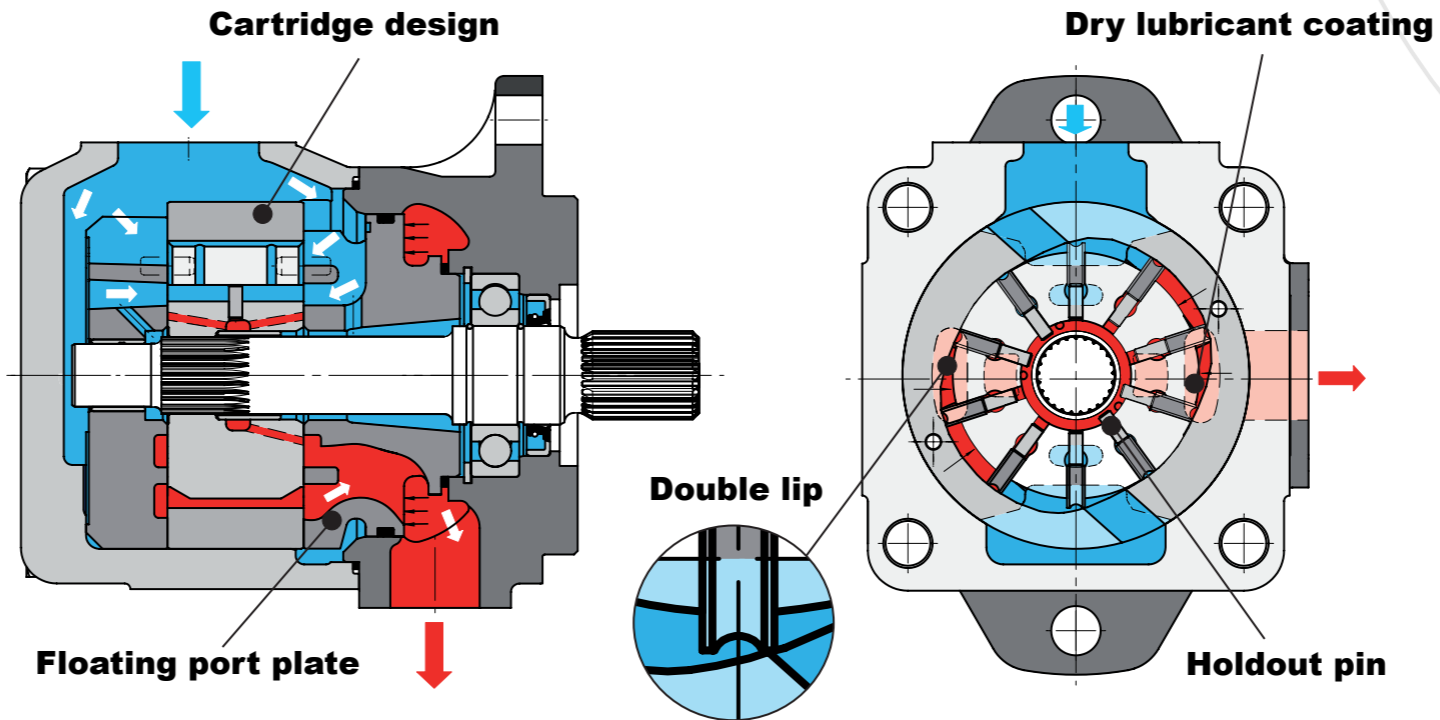
Vane Pumps : Double

- Fixed displacements from 12 to 454 cm³/rev, pressure up to 320 bar.
- High power to weight ratio.
- One inlet, one piece shaft (no internal torque limitation), wide range of options.



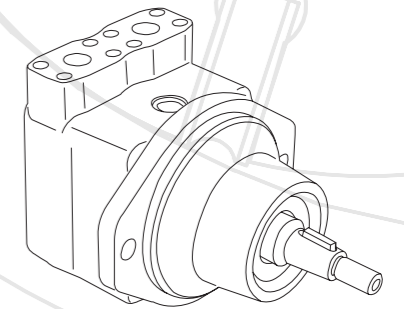
Vane Pumps : Triple

- Large displacement combinations from 18 to 552 cm³/rev.
- High power to weight ratio.
- One inlet, one piece shaft (no internal torque limitation), 128 porting orientation possible.



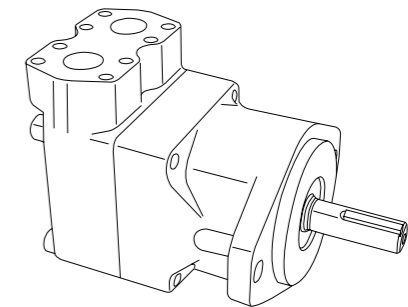
Hybrid Pumps

- Piston and vane pump combination.
- Piston unit of 43 cm³/rev (SAE B) or 62 cm³/rev (SAE C).
- Vane unit with wide range of displacements from 6 to 320 cm³/rev.
- Double and triple pumps available.



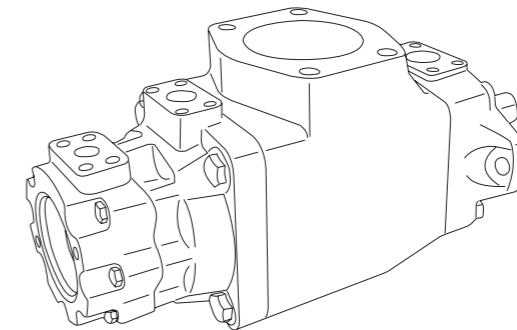
Vane Fan Motors

- Low noise, high efficiency, valve options available.
- High pressure up to 320 bar, speed up to 6000 rpm.
- Heavy duty bearings.



Vane Motors : Single & Double

- Wide range of displacements 9 to 222 cm³/rev.
- High starting torque, low ripple torque, low noise.
- A lot of options : ext. / int. drain, connectors, threads UNC or metric, ...



Drive Train

- Single, double and triple pumps.
- SAE A, SAE B or SAE C availability of the rear drive.
- From 10 to 485 cm³/rev drive train pumps.

Hydraulics Group Sales Offices

Europe

Austria

Wiener Neustadt

Tel: +43 (0)2622 23501

Fax: +43 (0)2622 66212

Austria

Wiener Neustadt

(Resp for East Europe)

Tel: +43 (0)2622 23501-970

Fax: +43 (0)2622 23501-977

Belgium

Nivelles

Tel: +32 (0)67 280 900

Fax: +32 (0)67 280 999

Czech Republic

Klecany

Tel: +420 284 083 111

Fax: +420 284 083 112

Denmark

Ballerup

Tel: +45 4356 0400

Fax: +45 4373 3107

Finland

Vantaa

Tel: +358 20 753 2500

Fax: +358 20 753 2200

France

Contamine-sur-Arve

Tel: +33 (0)450 25 80 25

Fax: +33 (0)450 25 24 25

Germany

Kaarst

Tel: +49 (0)2131 4016 0

Fax: +49 (0)2131 4016 9199

Ireland

Dublin

Tel: +353 (0)1 293 9999

Fax: +353 (0)1 293 9900

Italy

Corsico (MI)

Tel: +39 02 45 19 21

Fax: +39 02 4 47 93 40

The Netherlands

Oldenzaal

Tel: +31 (0)541 585000

Fax: +31 (0)541 585459

Norway

Ski

Tel: +47 64 91 10 00

Fax: +47 64 91 10 90

Poland

Warsaw

Tel: +48 (0)22 573 24 00

Fax: +48 (0)22 573 24 03

Portugal

Leca da Palmeira

Tel: +351 22 9997 360

Fax: +351 22 9961 527

Slovakia

Ref. Czech Republic

Spain

Madrid

Tel: +34 91 675 73 00

Fax: +34 91 675 77 11

Sweden

Spånga

Tel: +46 (0)8 597 950 00

Fax: +46 (0)8 597 951 10

United Kingdom

Warwick

Tel: +44 (0)1926 317 878

Fax: +44 (0)1926 317 855

International

Australia

Castle Hill

Tel: +61 (0)2-9634 7777

Fax: +61 (0)2-9842 5111

Canada

Milton, Ontario

Tel: +1 905-693-3000

Fax: +1 905-876-0788

China

Shanghai

Tel: +86 21 5031 2525

Fax: +86 21 5834 3714

Asia Pacific Group

Hong Kong

Tel: +852 2428 8008

Fax: +852 2425 6896

India

Mumbai

Tel: +91 22 5613 7081/82-85

Fax: +91 22 2768 6841/6618

Japan

Tokyo

Tel: +(81) 3 6408 3900

Fax: +(81) 3 5449 7201

Latin America Group

Brazil

Tel: +55 51 3470 9144

Fax: +55 51 3470 9281

South Africa

Kempton Park

Tel: +27 (0)11-961 0700

Fax: +27 (0)11-392 7213

USA

Cleveland (industrial)

Tel: +1 216-896-3000

Fax: +1 216-896-4031

Lincolnshire (mobile)

Tel: +1 847-821-1500

Fax: +1 847-821-7600

Parker Hannifin is the world's premier supplier of motion and control systems and solutions, with sales and manufacturing facilities throughout the world. For product information and details of your nearest Parker sales office, visit us at www.parker.com or call free on 00800 2727 5374.



Catalogue HY29-0005/UK
XM 05/06 PC

© Copyright 2006
Parker Hannifin Corporation
All rights reserved