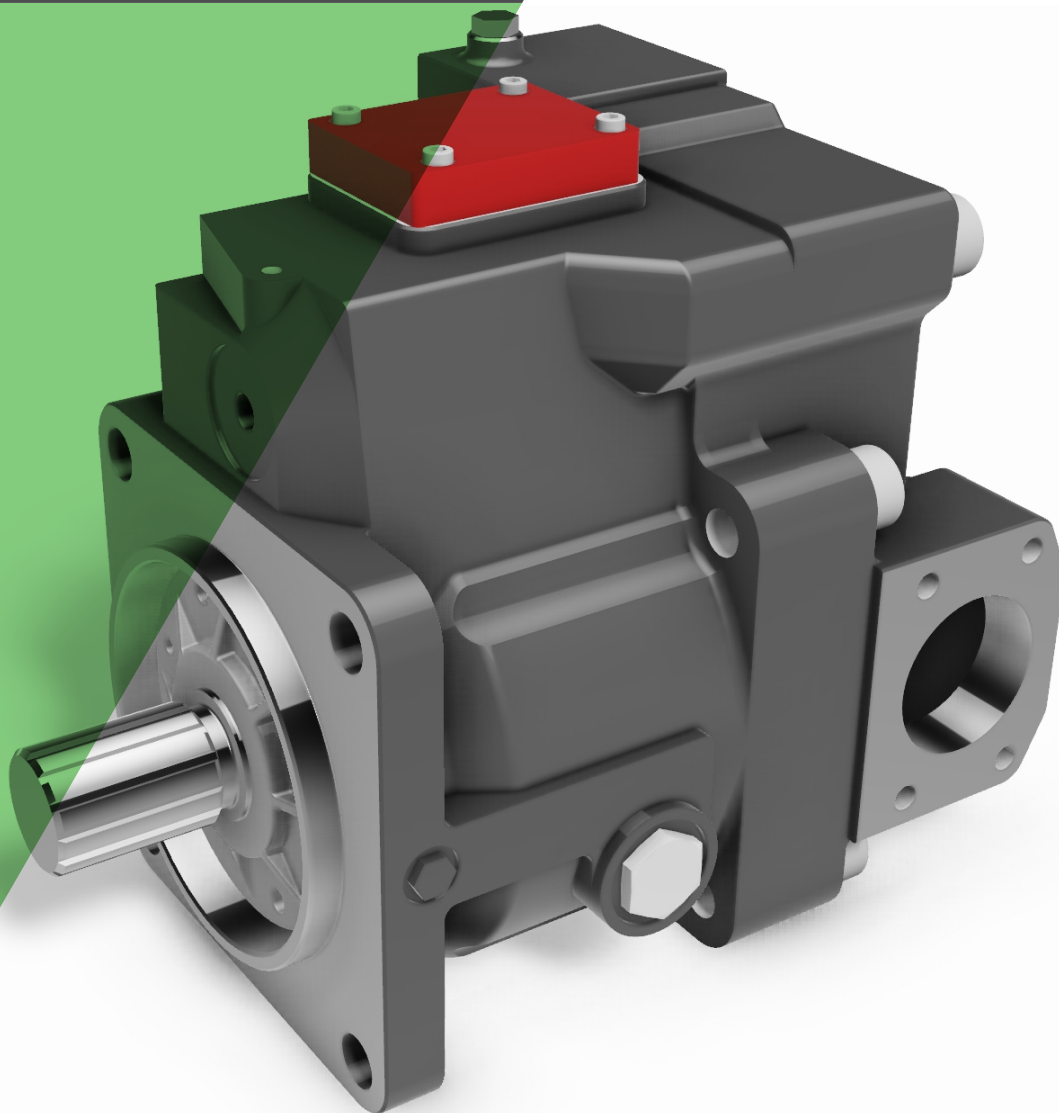


K3VL Express

Kawasaki's rapid delivery
program for axial piston pumps

Kawasaki Precision Machinery



K3VL Express

Introduction

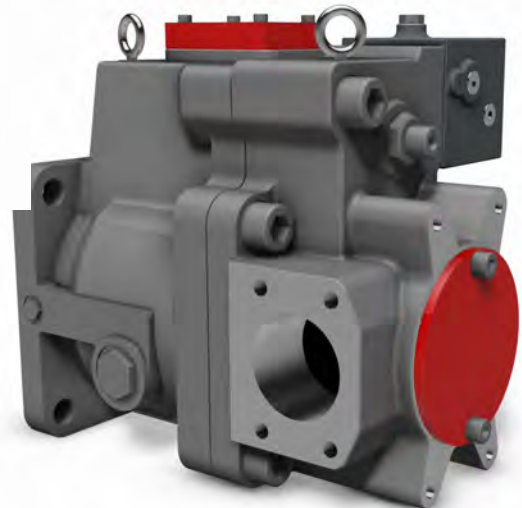
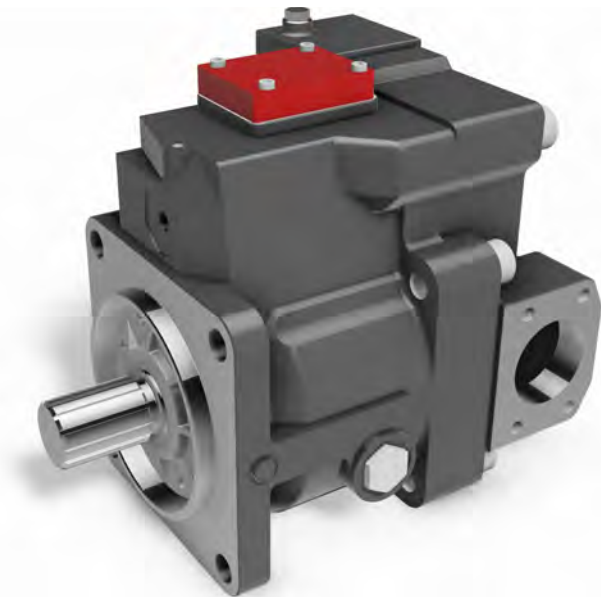
Markets today are becoming ever more demanding, and it's not enough to have products with excellent performance and reliability, it is also important to be able to deliver quickly.

In response to the requirements of our customers, Kawasaki has introduced the K3VL Express program, which makes the most popular models of the class-leading K3VL series pumps available with a lead time of less than a week.

Focusing on the 80, 112, 140 and 200cc frame sizes, we can now offer K3VL pumps with splined or keyed shafts and load sensing or pressure compensating regulators in just 5 days.

To provide additional flexibility these standard units are able to be modified to accept torque limiting regulators and various through drive options.

With a dedicated order process and logistics operation, the K3VL Express program makes it possible to give the rapid response that markets demand.



The '00' and 'N' versions of the K3VL allow for easy conversion

K3VL Express

Available Options

The K3VL units and conversion parts shown below are all part of the K3VL Express program

K3VL80	
Standard Units	Part Number
K3VL80/B-1NRSM-LO/1-00	29L83N0BL100
K3VL80/B-1NRKM-PO/1-00	29L83N0SP100
Standard Regulators	
L0	293L-L0A-1
L1	293L-L1A-1
P0	293L-P0A-1
Torque Limiter Regulators	
Low	2938-L
Medium	2938-M
High	2938-H
Through Drive Kits	
SAE A	29L8TA
SAE B	29L8TB
SAE BB	29L8T2
SAE C	29L8TC
Bolt Kit	29L8BW

K3VL112	
Standard Units	Part Number
K3VL112/B-1NRSM-LO/1-00	29LG3N0BL100
K3VL112/B-1NRKM-PO/1-00	29LG3N0SP100
Standard Regulators	
L0	293B-L0A-1
L1	293B-L1A-1
P0	293B-P0A-1
Torque Limiter Regulators	
Low	293H-L
Medium	293H-M
High	293H-H
Through Drive Kits	
SAE A	29LHTA
SAE B	29LHTB
SAE BB	29LHT2
SAE C	29LHTC
Bolt Kit	29LHBW

K3VL140	
Standard Units	Part Number
K3VL140/B-1NRSM-LO/1-00	29LH3N0BL100
K3VL140/B-1NRKM-PO/1-00	29LH3N0SP100
Standard Regulators	
L0	293B-L0A-1
L1	293B-L1A-1
P0	293B-P0A-1
Torque Limiter Regulators	
Low	293H-L
Medium	293H-M
High	293H-H
Through Drive Kits	
SAE A	29LHTA
SAE B	29LHTB
SAE BB	29LHT2
SAE C	29LHTC
Bolt Kit	29LHBW

K3VL200	
Standard Units	Part Number
K3VL112/B-1NRSM-LO/1-00	29LK3N0BL100
K3VL112/B-1NRKM-PO/1-00	29LK3N0SP100
Standard Regulators	
L0	293B-L0A-1
L1	293B-L1A-1
P0	293B-P0A-1
Torque Limiter Regulators	
Low	293K-L
Medium	293K-M
High	293K-H
Through Drive Kits	
SAE A	29LKTA
SAE B	29LKTB
SAE BB	29LKT2
SAE C	29LKTC
Bolt Kit	29LKBW

K3VL Express

The model code below describes the units available via the K3VL Express program.

Model Code

K3VL 80 /B - 1 0 R S S - LO /1-H1

K3VL Series Pump

Maximum Displacement

80	80 cm ³ /rev
112	112 cm ³ /rev
140	140 cm ³ /rev
200	200 cm ³ /rev

Design Series

B	K3VL80 - 200
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Hydraulic Fluid Type

-	Mineral Oil (Nitrile Seals + Viton Shaft Seal)
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Circuit Type

1	Open Circuit
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Porting Threads

M	Metric threaded
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Mounting Flange & Shaft

K	SAE Key & Mount
S	SAE Spline & Mount

Direction of Rotation

R	Clockwise Rotation
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Through Drive & Porting

N	Single Pump with Steel Cover, Side Ported
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Regulator Code

K3VL 80 /B - 1 0 R S S - LO /1-00

Regulator Type

LO	Load Sense & Pressure Cut-Off (With R4 Bleed)
PO	Pressure Cut-Off

Additional Control Options

00	Provision for Torque Limiter
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For further information on the K3VL Express program including the dedicated order system please contact Kawasaki

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