

Hydraulic Thru Drive Pump HVT & HVQT Series

Catalogue 2025



BUREAU
VERITAS

Bureau Veritas Certification

FLO-TECH ENGINEERING CO., LTD.

47 SOI SUKSAWAD 14/18 JOMTONG, JOMTONG, BANGKOK 10150 THAILAND

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

**DESIGN & DEVELOP, PRODUCTION AND TRADING OF HYDRAULIC PUMP,
HYDRAULIC MOTOR, HYDRAULIC VALVE, PNEUMATIC VALVE,
POWER UNIT AND HYDRAULIC ACCESSORIES**

Original cycle start date:	17 March 2009
Expiry date of previous cycle:	NA
Certification / Recertification Audit date:	NA
Certification / Recertification cycle start date:	16 March 2024
Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on:	16 March 2027

Certificate No.: TH022197

Version: 1

Issue date: 16 March 2024



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Signed on behalf of BVCH SAS UK Branch

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom

Local Office: Bureau Veritas Certification (Thailand) Ltd. 16th Floor, Bangkok Tower, 2170 New Petchburi Road, Bangkapi, Huaykwang, Bangkok 10310, Thailand

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: 66 2 670 4800

UKAS Certificate Template Single Site Rev.4.1

28 Aug 2023



HOF Hydraulic Solutions Warranty Policy

Warranty

Flowlution Co.,Ltd, sole distributor of "HOF Hydraulic Solutions", Warrants all of its products to be free from defects in material and workmanship under normal operating conditions and proper application in accordance with the specifications for operation as described by the manufacturer for the period of twelve (12) months in service.

Limitations on Warranty

This Warranty is expressly in lieu of any other warranties expressed or implied. Buyer's sole and exclusive remedy under this Warranty shall be limited to the repair, replacement or exchange of warranted products at our option, F.O.B. our factory, or designated service center.

No special, incidental, consequential or other damage shall be recoverable. Flowlution Co.,Ltd shall not be liable for consequential damages or contingent liabilities including, but not limited to, loss of life, personal injury, loss of crops, loss due to fire or water damage, loss of business or business income, down time costs and trade or other commercial loss arising out of the failure of the product. Flowlution Co.,Ltd will in no event be liable for any sum in excess of the price received by it for the product for which liability is claimed or asserted.

No product shall be returned without prior authorization from Flowlution Co.,Ltd. Buyers and their agents shall prepay all transportation charges for the return of such products to Flowlution Co.,Ltd's factory or designated service center. There will be no acceptance of any charges for labor and/or parts incidental to the removal or remounting of product repaired or replaced under this Warranty.

The above Warranty does not cover conditions over which Flowlution Co.,Ltd has no control, including, without limitation, contamination, pressures in excess of recommended maximum, products damaged or subject to accident abuse or misuse after shipment from our factory, products altered or repaired by anyone other than Flowlution Co.,Ltd personnel, authorized Flowlution Co.,Ltd factory personnel or persons so designated in writing by Flowlution Co.,Ltd prior to commencement of said work.

A return goods authorization number must be obtained from Flowlution Co.,Ltd or Flowlution Co.,Ltd's authorized Service center, or Flowlution Co.,Ltd's authorized agent prior to any products being returned for Warranty.

For more details please contact info@flowlution.com or contact@hofhydraulic.com



Thru-drive Single Vane Pump

25HVT/25HVQT Series

Specifications :

25 HVT Series

Model	Delivery at 1200 rpm & 7 bar (100 psi)	Displacement cm ³ /r 1(in ³ /r)	Maximum Speed	Maximum Speed	Typical Delivery at max. speed & pressure	Typical Input Power at max. speed & pressure	Weight
	USgpm		rpm	bar (psi)			
25HVT	12	39.0 (2.47)	1800	172 (2500)	62.1 (16.4)	22.9 (30.8)	19.5 (43)
	14	45.0 (2.78)			69.6 (18.4)	25.7 (34.5)	
	17	55.0 (3.39)			86.3 (22.8)	29.8 (40.0)	
	19	60.8 (3.72)			96.1 (25.4)	32.5 (43.5)	
	21	67.0 (4.13)			106.0 (28.0)	34.0 (45.6)	

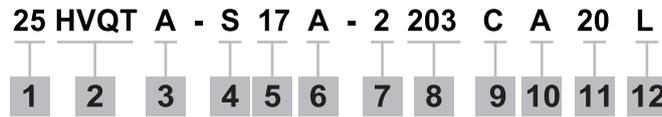
25 HVQT Series

Model	Delivery at 1200 rpm & 7 bar (100 psi)	Displacement cm ³ /r 1(in ³ /r)	Maximum Speed	Maximum Speed	Typical Delivery at max. speed & pressure	Typical Input Power at max. speed & pressure	Weight
	USgpm		rpm	bar (psi)			
25HVQT	12	40.0 (2.45)	2700	206 (3000)	87.1 (23.0)	41.0 (55.0)	19.5 (43)
	14	45.0 (2.77)			102.2 (27.0)	46.6 (62.5)	
	17	55.0 (3.37)	2500		117.3 (31.0)	51.8 (69.5)	
	19	60.8 (3.72)			133.5 (34.5)	53.0 (71.0)	
	21	67.0 (4.12)			143.8 (38.0)	61.9 (83.0)	

Thru-drive Single Vane Pump

25HVT/25HVQT Series

Ordering Code : Single

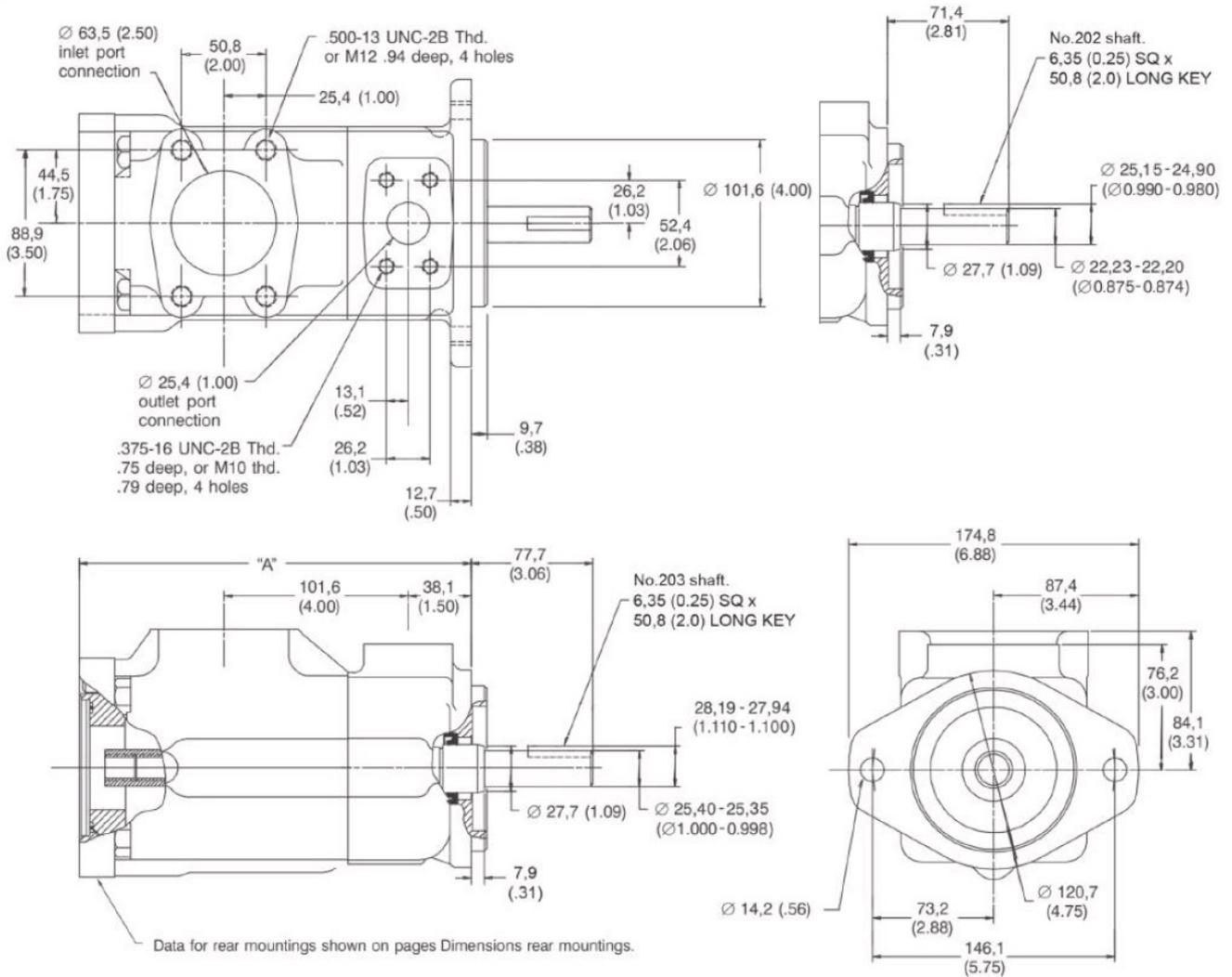


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| <p>1. Model :
25 - Standard Bearing SAE B 2 bolts mounting flange J744</p> <p>2. Series
HVT - Industrial
HVQT - Mobile</p> <p>3. Thru-drive connection
Mounting adapter (2-bolt)
A - SAE 2-bolt J744C A
B - SAE 2-bolt J744C B</p> <p>4. Front Mounting flange
S - SAE J744C B Oct'83 101-2</p> <p>5. Displacement
Volumetric displacement cm³/rev (in³/rev)
12 - 39.0 (2.47)
14 - 45.0 (2.78)
17 - 55.3 (3.39)
19 - 60.8 (3.72)
21 - 67.0 (4.13)</p> <p>6. Port Connection (4 bolts SAE flange J518C)
A - UNC Port Connection
AM - Metric Port Connection</p> <p>7. Thru-drive coupling
2 - SAE Splined coupling included with pump</p> <p>8. Type of shaft
203 - Heavy Duty Straight Keyed Shaft
202 - SAE Straight Keyed Shaft</p> <p>9. Outlet Port Position (Viewed from adapter end of pump)
A - Opposite inlet
B - 90° CCW from inlet
C - Inline with inlet
D - 90° CW from inlet</p> | <p>10. Adapter Mounting orientation
(Viewed from adapter end of pump)</p> <p>"A" adapter
A - Rotated 45° CW with respect to pump mounting flange
B - Rotated 45° CCW with respect to pump mounting flange</p> <p>"B" adapter
A - Inline with pump mounting flange
B - Rotated 90° with respect to pump mounting flange</p> <p>11. Design
20</p> <p>12. Shaft Rotation (viewed from shaft end)
R - Turn right
L - Turn left</p> |
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Thru-drive Single Vane Pump 25HVT/25HVQT Series

Installation Dimension mm (inch)

Thru-drive Single pump 25HVT/HVQT



Rear Mountings	Dimension "A"
A	226, 2 (8.9)
B	236, 4 (9.3)

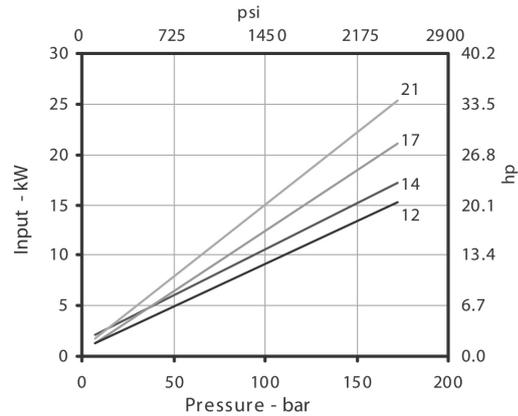
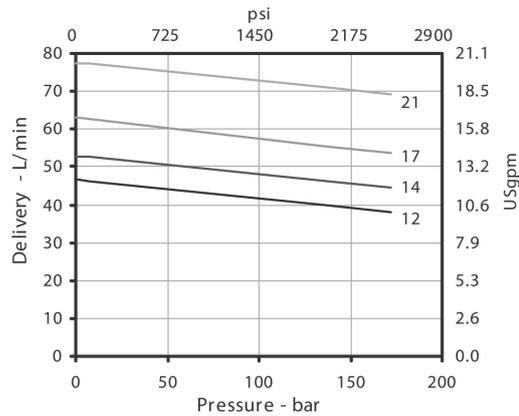
Thru-drive Single Vane Pump 25HVT/25HVQT Series

Performance Characteristics

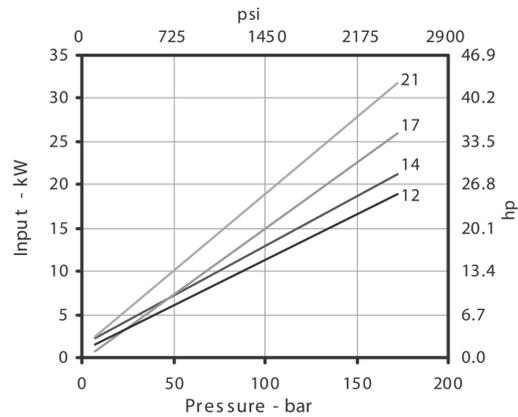
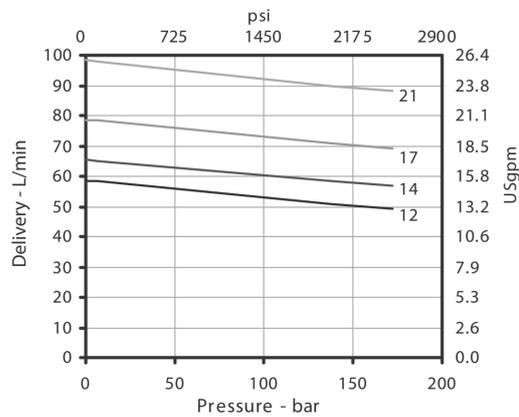
25HV, Shaft End of 25**HV, Cover End of **25HV

Based on SAE 10W Fluid at 50°C (120°F) and pump inlet at 0 PSIG (14.7 PSIA)

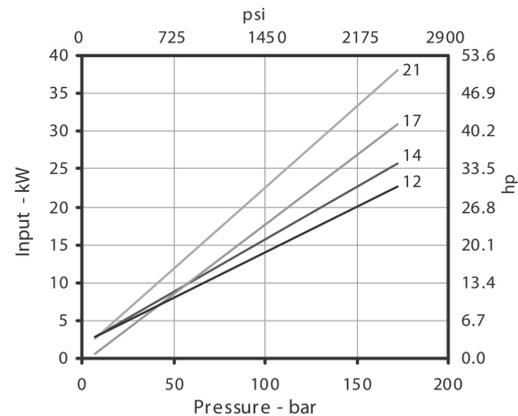
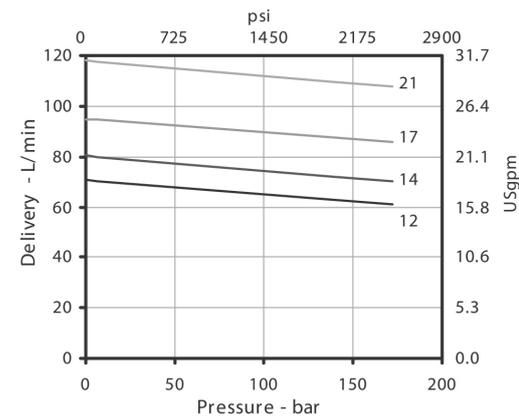
At 1200 rpm



At 1500 rpm



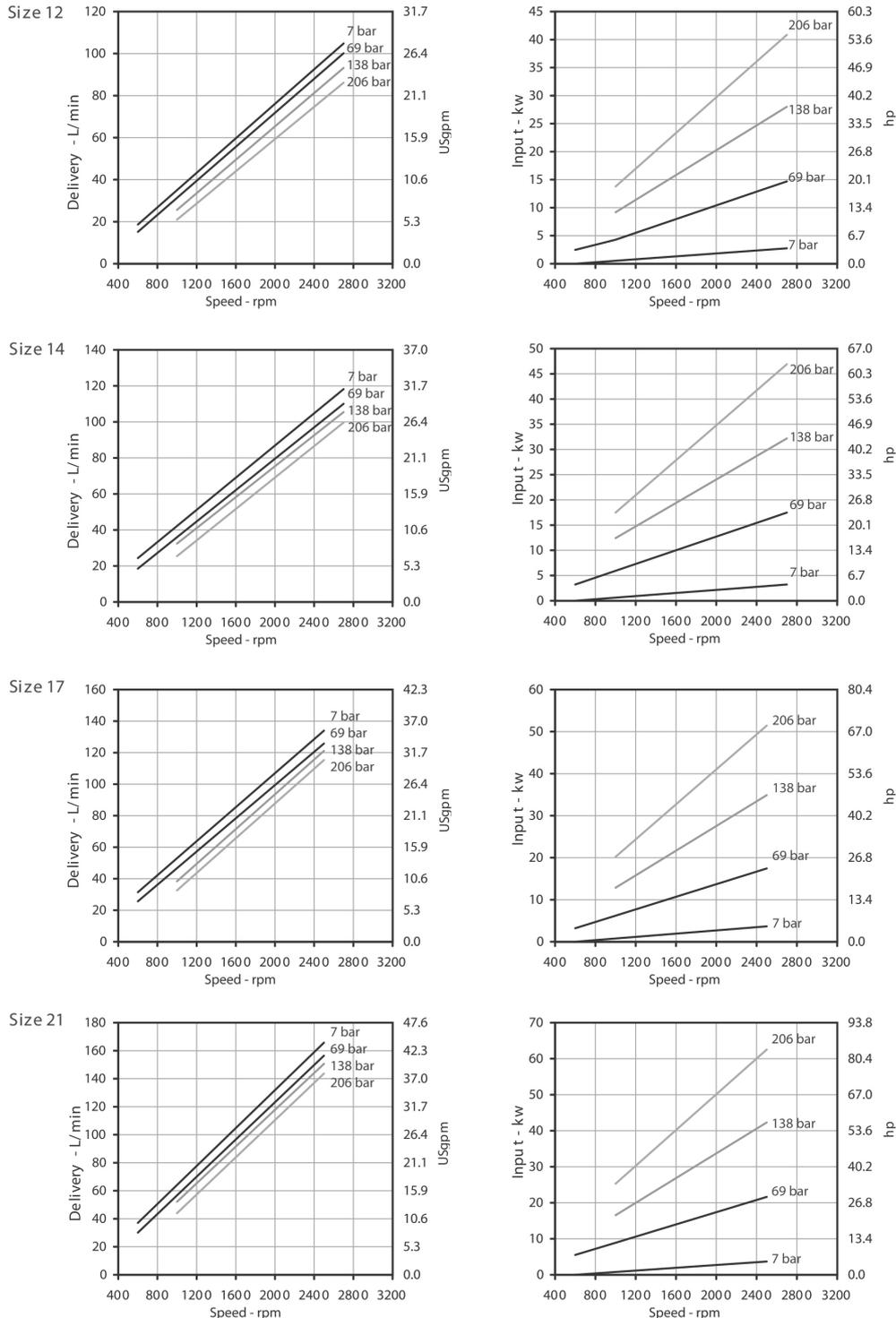
At 1800 rpm



Thru-drive Single Vane Pump 25HVT/25HVQT Series

25HVQ, Shaft End of 25**HVQ, Cover End of 25**HVQ

Based on SAE 10W Fluid at 50°C (120°F) and pump inlet at 0 PSIG (14.7 PSIA)



For the Cover End Cartridge, the speed could not exceed the maximum speed of the shaft End Cartridge

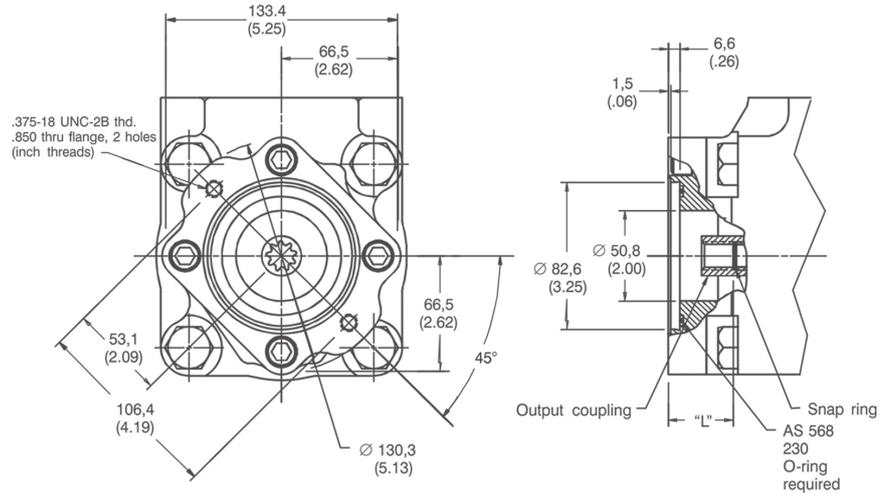
Thru-drive Single Vane Pump 25HVT/25HVQT Series

Thru-drive Rear Mountings

"A" rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 82-2 (A) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE "A" size with a 30° involute spline (per SAE std J-744 Oct '83), 9T and 16/32 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

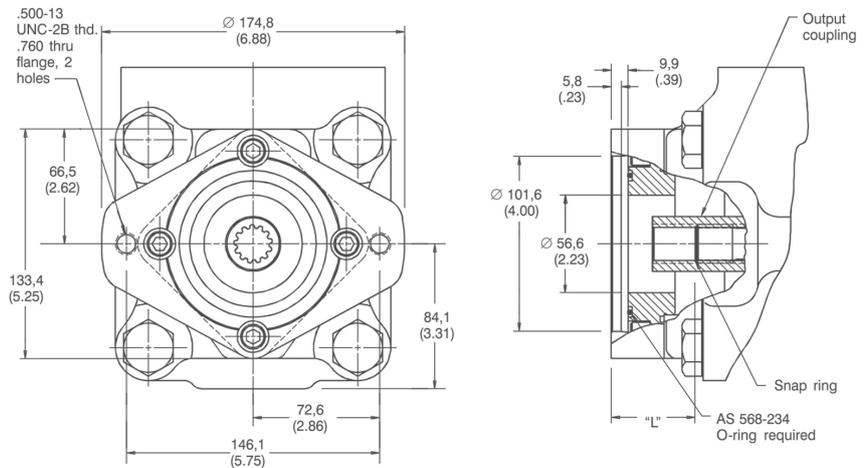
Pump Model	Dimensions "L"
25HVT/HVQT	32,5/31,0 (1.28/1.22) 33,0 (1.30) maximum
35HVT/HVQT	32,5/31,0 (1.28/1.22) 35,6 (1.40) maximum
45HVT/HVQT	32,5/31,0 (1.28/1.22) 35,3 (1.39) maximum



"B" rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 101-2 (B) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE "B" size with a 30° involute spline (per SAE std J-744 Oct '83), 13T and 16/32 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

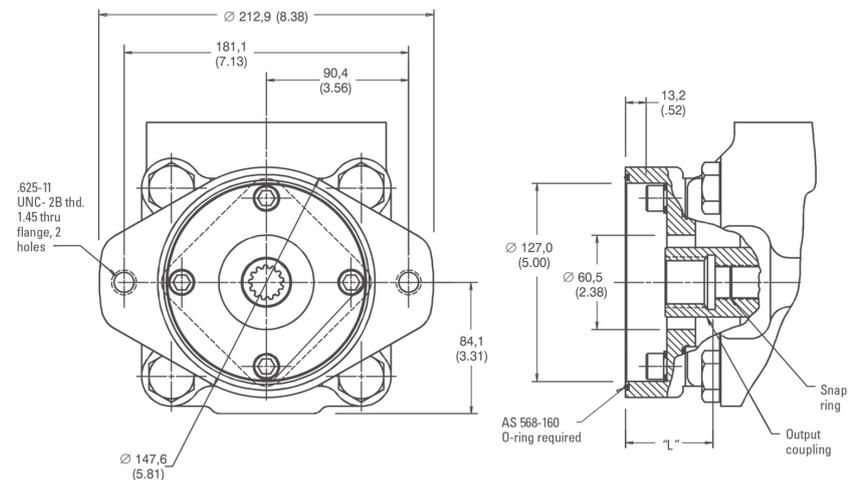
Pump Model	Dimensions "L"
25HVT/HVQT	42,4/39,9 (1.67/1.57) 45,2 (1.78) maximum
35HVT/HVQT	42,4/39,9 (1.67/1.57) 46,7 (1.84) maximum
45HVT/HVQT	42,4/39,9 (1.67/1.57) 46,2 (1.82) maximum



"C" rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 127-2 (C) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE "C" size with a 30° involute spline (per SAE std J-744 Oct '83), 14T and 12/24 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

Pump Model	Dimensions "L"
35HVT/HVQT	56,6/54,1 (2.23/2.13) 61,2 (2.41) maximum
45HVT/HVQT	56,6/54,1 (2.23/2.13) 61,5 (2.42) maximum



Thru-drive Single Vane Pump

35HVT/35HVQT Series

Specifications :

35 HVT Series

Model	Delivery at 1200 rpm & 7 bar (100 psi)	Displacement cm ³ /r 1(in ³ /r)	Maximum Speed rpm	Maximum Speed bar (psi)	Typical Delivery at max. speed & pressure	Typical Input Power at max. speed & pressure	Weight kg (lb)
	USgpm				L/min (USgpm)	kW (hp)	
35HVT	21	68.3 (4.18)	1800	172 (2500)	106.3 (28.1)	34.0 (45.5)	24.0 (52.8)
	25	81.0 (4.94)			124.9 (33.0)	45.5 (61.0)	
	30	97.0 (5.91)			154.4 (40.8)	54.5 (73.0)	
	32	100.9 (6.15)			167.0 (44.0)	56.7 (76.0)	
	35	112.0 (6.83)			181.7 (48.0)	61.5 (82.4)	
	38	121.0 (7.37)			193.8 (51.2)	65.9 (88.3)	

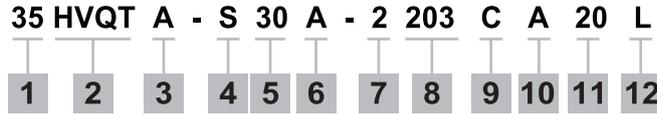
35 HVQT Series

Model	Delivery at 1200 rpm & 7 bar (100 psi)	Displacement cm ³ /r 1(in ³ /r)	Maximum Speed rpm	Maximum Speed bar (psi)	Typical Delivery at max. speed & pressure	Typical Input Power at max. speed & pressure	Weight kg (lb)
	USgpm				L/min (USgpm)	kW (hp)	
35HVQT	21	68.3 (4.18)	2500	206 (3000)	143.8 (38.0)	55.0 (73.9)	24.0 (52.8)
	25	81.0 (4.98)			170.3 (45.0)	75.3 (101.0)	
	30	97.0 (5.96)			208.2 (55.0)	87.7 (117.5)	
	32	100.9 (6.15)	2400		218.0 (57.6)	91.2 (122.3)	
	35	112.0 (6.88)			227.1 (60.0)	98.5 (132.0)	
	38	121.0 (7.42)			246.0 (65.0)	104.4 (140.0)	

Thru-drive Single Vane Pump

35HVT/35HVQT Series

Ordering Code : Single

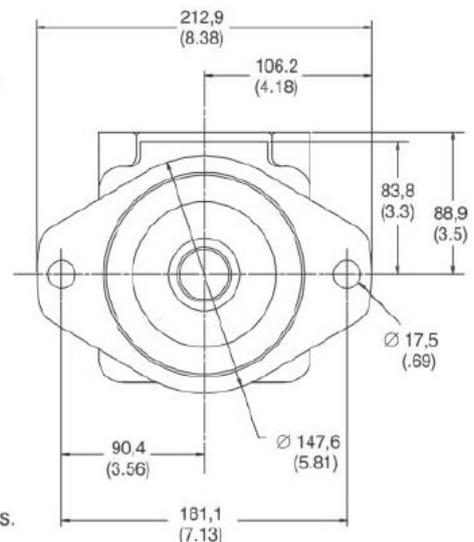
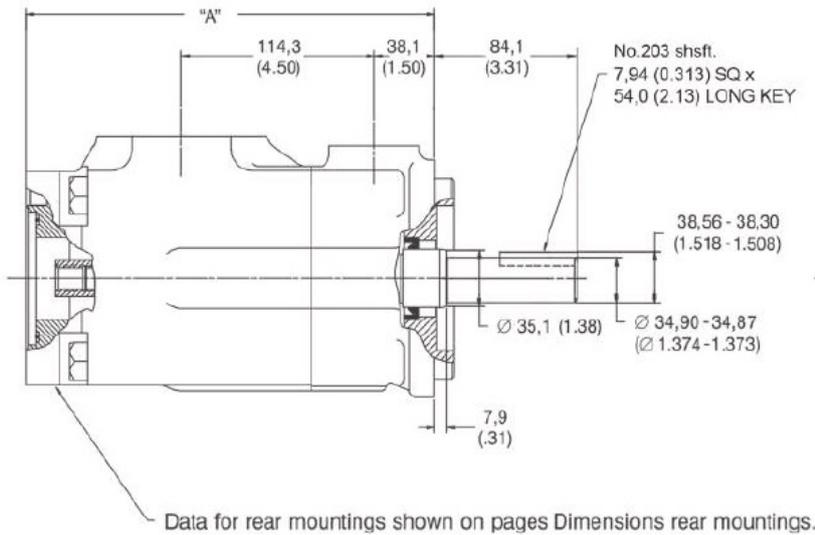
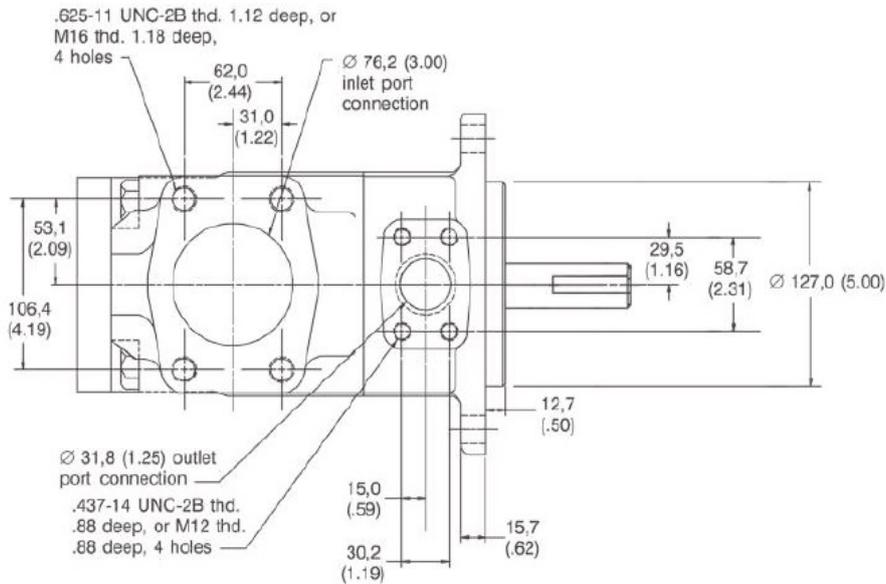


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| <p>1. Model :
35 - Standard Bearing SAE C 2 bolts mounting flange J744</p> <p>2. Series
HVT - Industrial
HVQT - Mobile</p> <p>3. Thru-drive connection
Mounting adapter (2-bolt)
A - SAE 2-bolt J744C A
B - SAE 2-bolt J744C B
C - SAE 2-bolt J744C C</p> <p>4. Front Mounting flange
S - SAE J744C C Oct'83 127-2</p> <p>5. Displacement
Volumetric displacement cm³/rev (in³/rev)
21 - 68.3 (4.18)
25 - 81.0 (4.94)
30 - 97.0 (5.91)
32 - 100.9 (6.15)
35 - 112.0 (6.83)
38 - 121.0 (7.37)</p> <p>6. Port Connection (4 bolts SAE flange J518C)
A - UNC Port Connection
AM - Metric Port Connection</p> <p>7. Thru-drive coupling
2 - SAE Splined coupling included with pump</p> <p>8. Type of shaft
203 - Heavy Duty Straight Keyed Shaft</p> <p>9. Outlet Port Position (Viewed from adapter end of pump)
A - Opposite inlet
B - 90° CCW from inlet
C - Inline with inlet
D - 90° CW from inlet</p> | <p>10. Adapter Mounting orientation
(Viewed from adapter end of pump)</p> <p>"A" adapter
A - Rotated 45° CW with respect to pump mounting flange
B - Rotated 45° CCW with respect to pump mounting flange</p> <p>"B,C" adapter
A - Inline with pump mounting flange
B - Rotated 90° with respect to pump mounting flange</p> <p>11. Design
20</p> <p>12. Shaft Rotation (viewed from shaft end)
R - Turn right
L - Turn left</p> |
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Thru-drive Single Vane Pump 35HVT/35HVQT Series

Installation Dimension mm (inch)

Thru-drive Single pump 35HVT/HVQT



Rear Mountings	Dimension "A"
A	252, 0 (9.9)
B	262, 2 (10.3)
C	266, 0 (10.4)

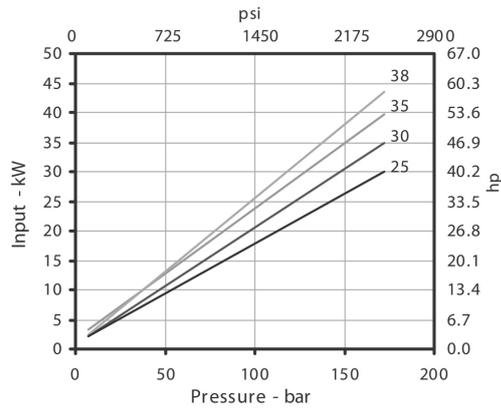
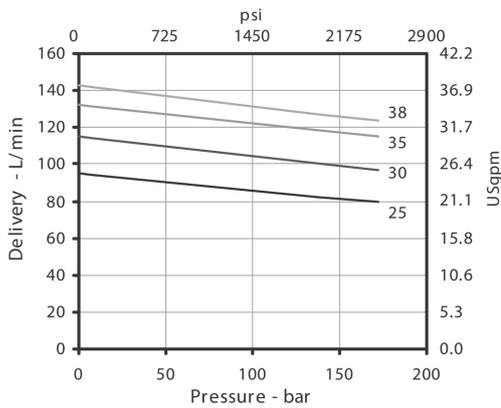
Thru-drive Single Vane Pump 35HVT/35HVQT Series

Performance Characteristics

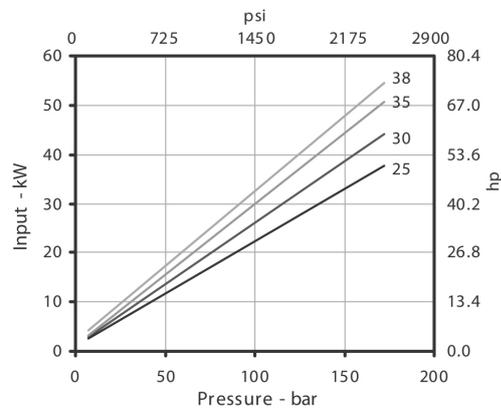
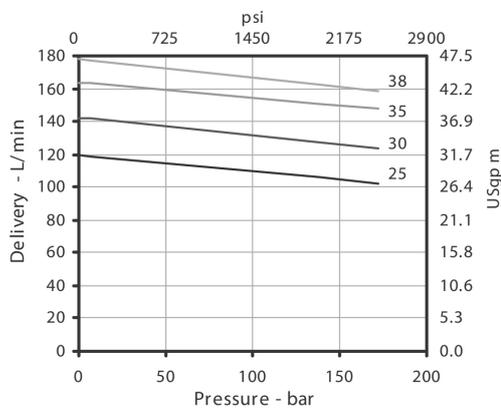
35HV, Shaft End of 35**HV, Cover End of **35HV

Based on SAE 10W Fluid at 50°C (120°F) and pump inlet at 0 PSIG (14.7 PSIA)

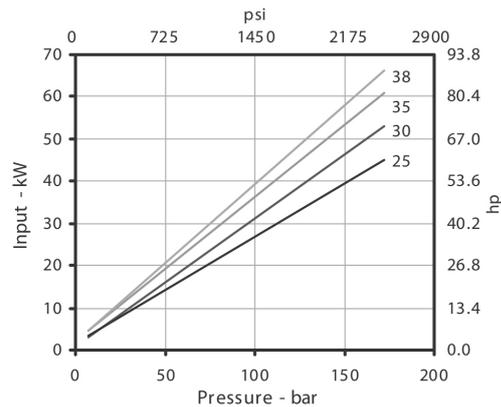
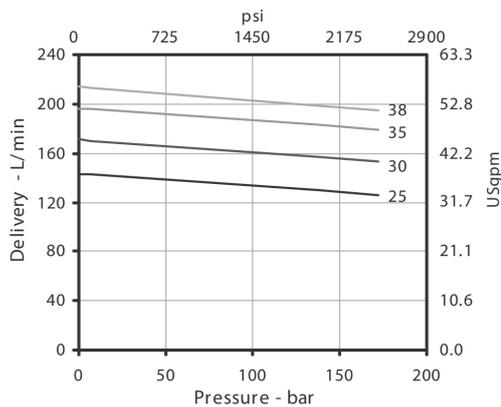
At 1200 rpm



At 1500 rpm



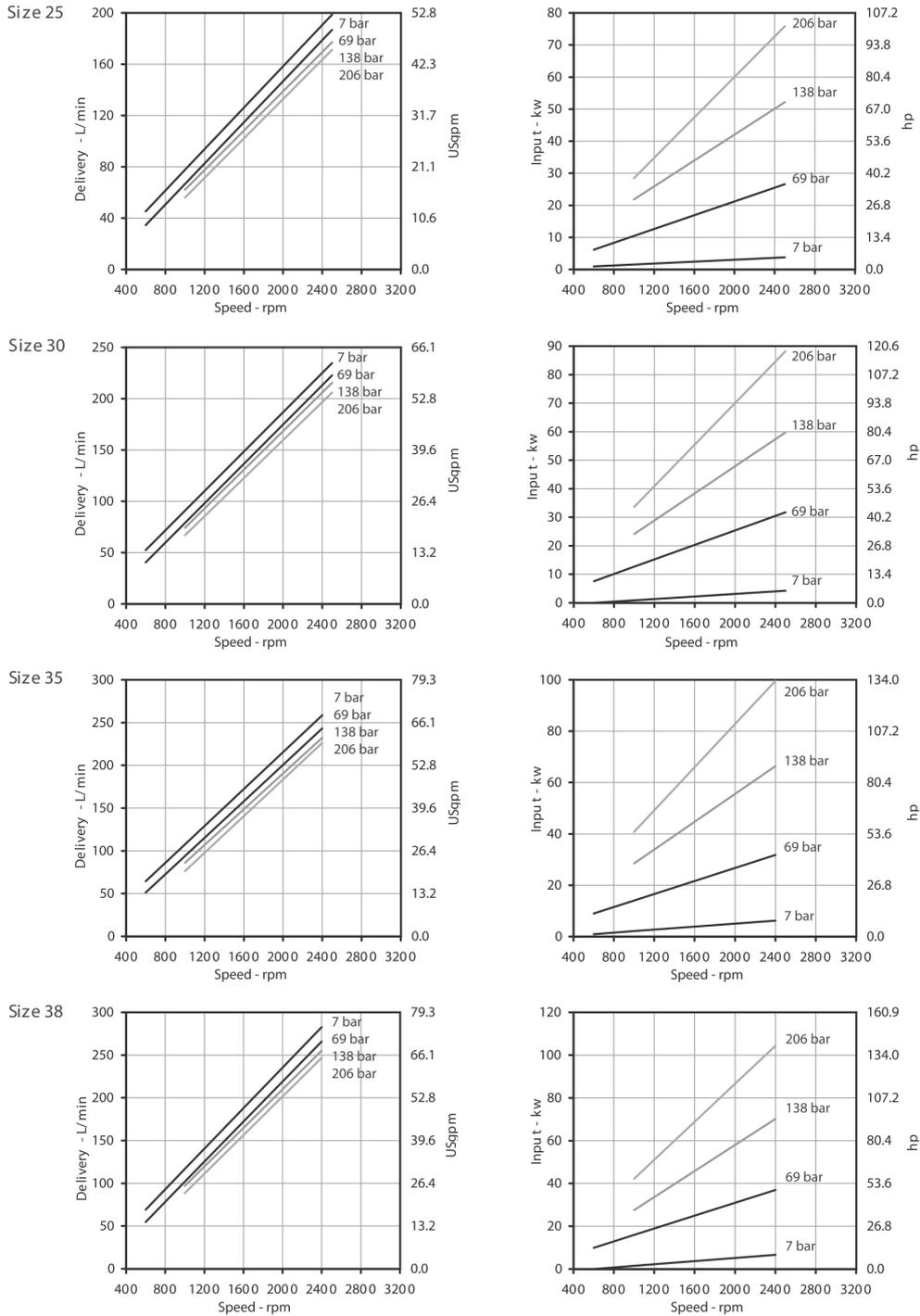
At 1800 rpm



Thru-drive Single Vane Pump 35HVT/35HVQT Series

35HVQ, Shaft End of 35thHVQ, Cover End of 35thHVQ

Based on SAE 10W Fluid at 82°C (180°F) and pump inlet at 0 PSIG (14.7 PSIA)



For the Cover End Cartridge, the speed could not exceed the maximum speed of the shaft End Cartridge

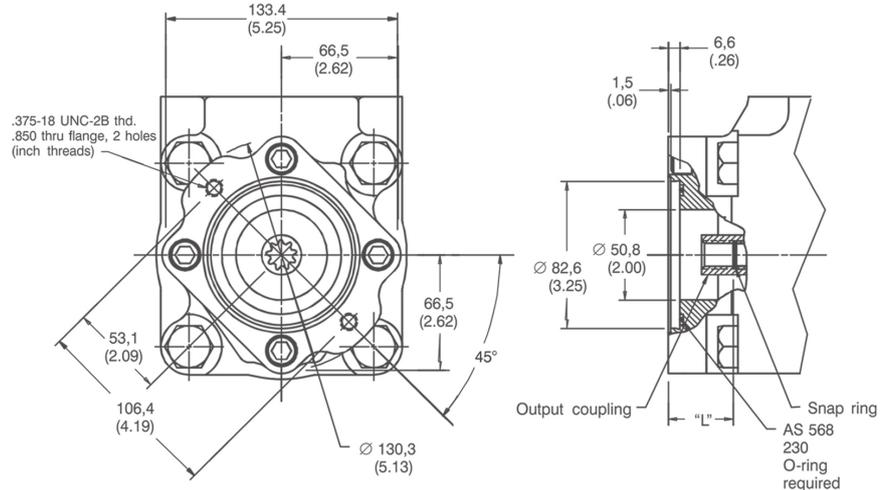
Thru-drive Single Vane Pump 35HVT/35HVQT Series

Thru-drive Rear Mountings

“A” rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 82-2 (A) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE “A” size with a 30° involute spline (per SAE std J-744 Oct '83), 9T and 16/32 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

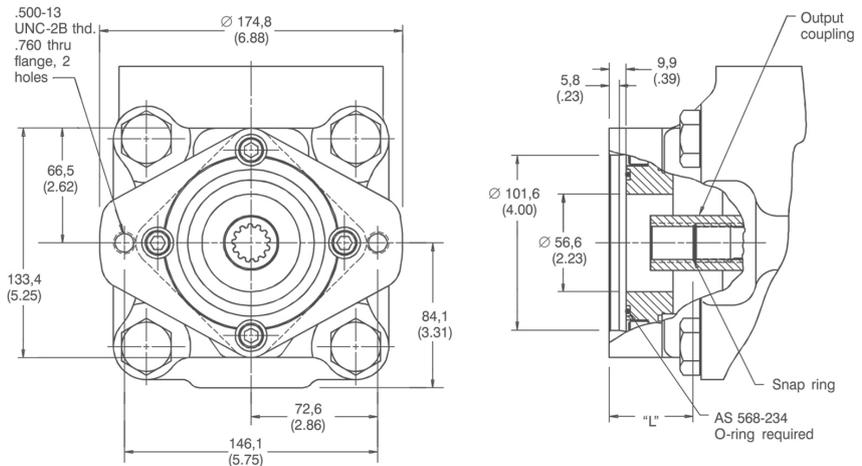
Pump Model	Dimensions "L"
25HVT/HVQT	32,5/31,0 (1.28/1.22) 33,0 (1.30) maximum
35HVT/HVQT	32,5/31,0 (1.28/1.22) 35,6 (1.40) maximum
45HVT/HVQT	32,5/31,0 (1.28/1.22) 35,3 (1.39) maximum



“B” rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 101-2 (B) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE “B” size with a 30° involute spline (per SAE std J-744 Oct '83), 13T and 16/32 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

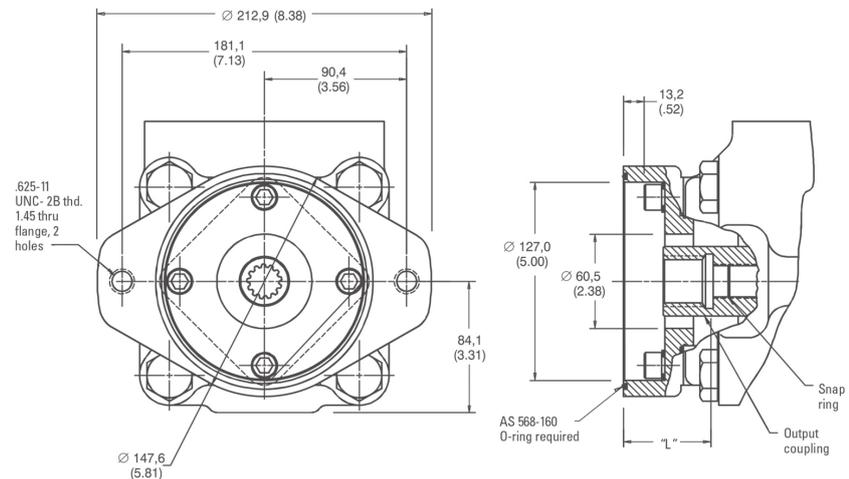
Pump Model	Dimensions "L"
25HVT/HVQT	42,4/39,9 (1.67/1.57) 45,2 (1.78) maximum
35HVT/HVQT	42,4/39,9 (1.67/1.57) 46,7 (1.84) maximum
45HVT/HVQT	42,4/39,9 (1.67/1.57) 46,2 (1.82) maximum



“C” rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 127-2 (C) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE “C” size with a 30° involute spline (per SAE std J-744 Oct '83), 14T and 12/24 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

Pump Model	Dimensions "L"
35HVT/HVQT	56,6/54,1 (2.23/2.13) 61,2 (2.41) maximum
45HVT/HVQT	56,6/54,1 (2.23/2.13) 61,5 (2.42) maximum



Thru-drive Single Vane Pump

45HVT/45HVQT Series

Specifications :

45 HVT Series

Model	Delivery at 1200 rpm & 7 bar (100 psi)	Displacement cm ³ /r 1(in ³ /r)	Maximum Speed rpm	Maximum Speed bar (psi)	Typical Delivery at max. speed & pressure	Typical Input Power at max. speed & pres- sure	Weight kg (lb)
	USgpm				L/min (USgpm)	kW (hp)	
45HVT	35	110.4 (6.73)	1800	172 (2500)	179.0 (47.2)	60.0 (80.4)	35.2 (77.4)
	38	119.8 (7.32)			194.0 (51.3)	65.1 (87.3)	
	42	138.0 (8.41)			208.2 (55.0)	75.3 (101.0)	
	47	151.4 (9.26)			244.1 (64.5)	82.5 (110.6)	
	50	162.0 (9.85)			253.6 (67.0)	87.3 (117.0)	
	52	164.0 (10.0)			266.0 (70.0)	89.1 (119.5)	
	57	183.6 (11.23)			295.0 (77.8)	94.0 (126.0)	
	60	193.0 (11.75)			310.4 (82.0)	103.7 (139.0)	
	62	196.0 (11.94)			317.0 (83.7)	106.5 (142.8)	
	64	202.0 (12.33)			327.0 (86.4)	109.7 (147.1)	
	66	208.0 (12.7)			337.0 (89.0)	113.0 (151.5)	

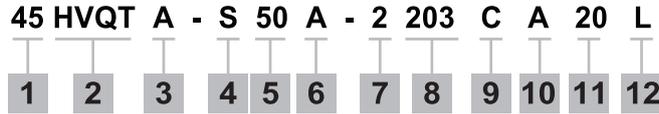
45 HVQT Series

Model	Delivery at 1200 rpm & 7 bar (100 psi)	Displacement cm ³ /r 1(in ³ /r)	Maximum Speed rpm	Maximum Speed bar (psi)	Typical Delivery at max. speed & pressure	Typical Input Power at max. speed & pres- sure	Weight kg (lb)
	USgpm				L/min (USgpm)	kW (hp)	
45HVQT	35	110.4 (6.73)	2200	172 (2500)	219.0 (57.7)	73.3 (98.3)	35.2 (77.4)
	38	119.8 (7.32)			237.0 (62.7)	79.5 (106.7)	
	42	138.0 (8.41)			251.7 (66.5)	91.4 (122.5)	
	47	151.4 (9.26)			280.8 (74.2)	95.0 (127.3)	
	50	162.0 (9.85)			299.0 (79.0)	105.2 (141.0)	
	52	164.0 (10.0)			325.0 (85.7)	106.6 (143.0)	
	57	183.6 (11.23)			342.5 (90.5)	109.3 (146.6)	
	60	193.0 (11.75)			363.4 (96.0)	126.8 (170.0)	
	62	196.0 (11.94)			387.0 (102.3)	128.8 (172.7)	
	64	202.0 (12.33)			400.0 (105.7)	132.7 (178.0)	
	66	208.0 (12.7)			412.0 (109.0)	136.6 (183.2)	

Thru-drive Single Vane Pump

45HVT/45HVQT Series

Ordering Code : Single



- | | |
|--|---|
| <p>1. Model :
45 - Standard Bearing SAE C 2 bolts mounting flange J744</p> <p>2. Series
HVT - Industrial
HVQT - Mobile</p> <p>3. Thru-drive connection
Mounting adapter (2-bolt)
A - SAE 2-bolt J744C A
B - SAE 2-bolt J744C B
C - SAE 2-bolt J744C C</p> <p>4. Front Mounting flange
S - SAE J744C C Oct'83 127-2</p> <p>5. Displacement
Volumetric displacement cm³/rev (in³/rev)
35 - 110.4 (6.73)
38 - 119.8 (7.32)
42 - 138.0 (8.41)
47 - 151.4 (9.26)
50 - 162.0 (9.85)
52 - 164.0 (10.0)
57 - 183.6 (11.23)
60 - 193.0 (11.75)
62 - 196.0 (11.94)
64 - 202.0 (12.33)
66 - 208.0 (12.7)</p> <p>6. Port Connection (4 bolts SAE flange J518C)
A - UNC Port Connection
AM - Metric Port Connection</p> <p>7. Thru-drive coupling
2 - SAE Splined coupling included with pump</p> <p>8. Type of shaft
203 - Heavy Duty Straight Keyed Shaft</p> | <p>9. Outlet Port Position (Viewed from adapter end of pump)
A - Opposite inlet
B - 90° CCW from inlet
C - Inline with inlet
D - 90° CW from inlet</p> <p>10. Adapter Mounting orientation (Viewed from adapter end of pump)

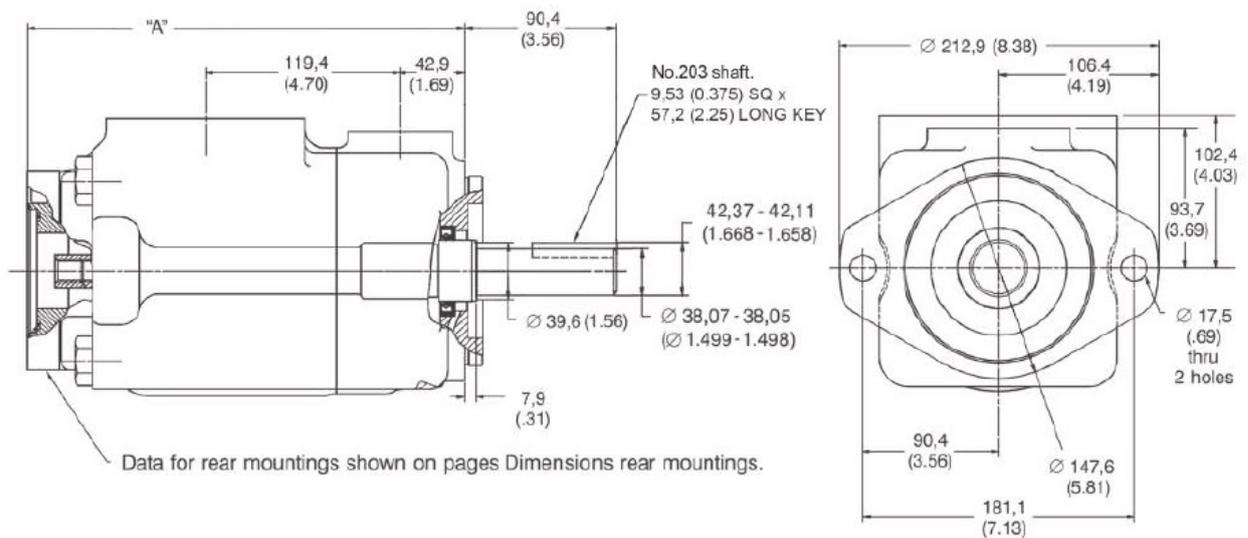
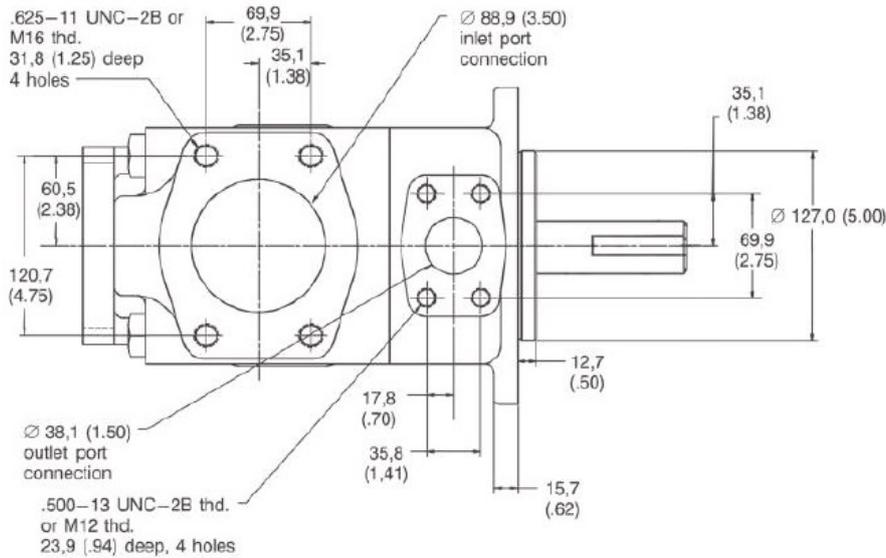
"A" adapter
A - Rotated 45° CW with respect to pump mounting flange
B - Rotated 45° CCW with respect to pump mounting flange

"B,C" adapter
A - Inline with pump mounting flange
B - Rotated 90° with respect to pump mounting flange</p> <p>11. Design
20</p> <p>12. Shaft Rotation (viewed from shaft end)
R - Turn right
L - Turn left</p> |
|--|---|

Thru-drive Single Vane Pump 45HVT/45HVQT Series

Installation Dimension mm (inch)

Thru-drive Single pump 45HVT/HVQT



Rear Mountings	Dimension "A"
A	281, 1 (11.1)
B	291, 4 (11.5)
C	295, 1 (11.6)

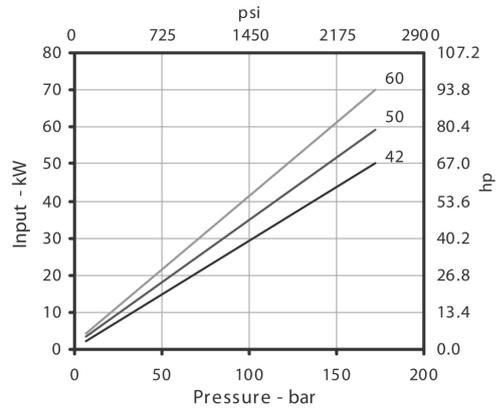
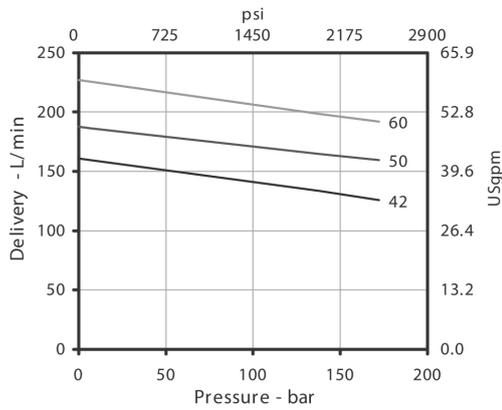
Thru-drive Single Vane Pump 45HVT/45HVQT Series

Performance Characteristics

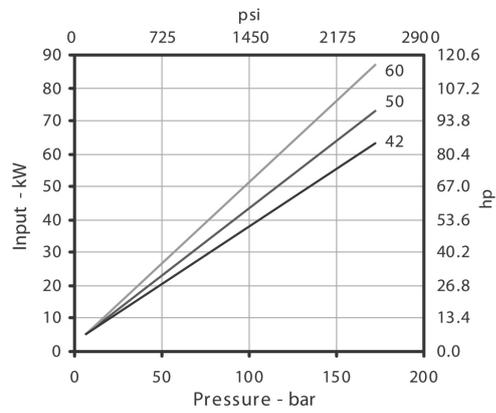
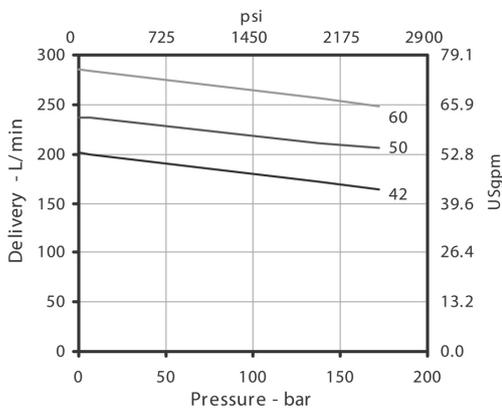
45HV, Shaft End of 45*HV,

Based on SAE 10W Fluid at 50°C (120°F) and pump inlet at 0 PSIG (14.7 PSIA)

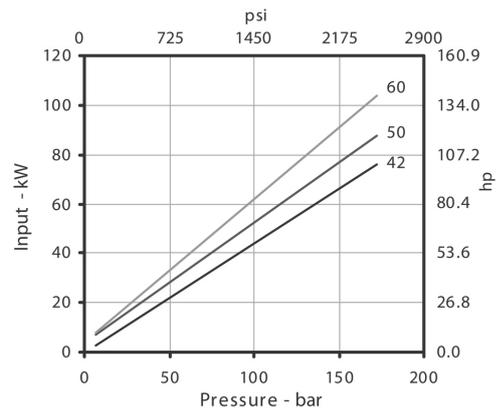
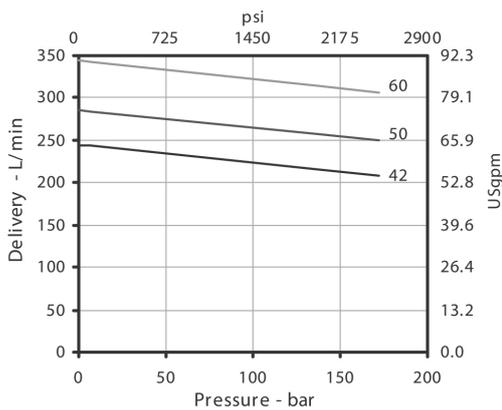
At 1200 rpm



At 1500 rpm



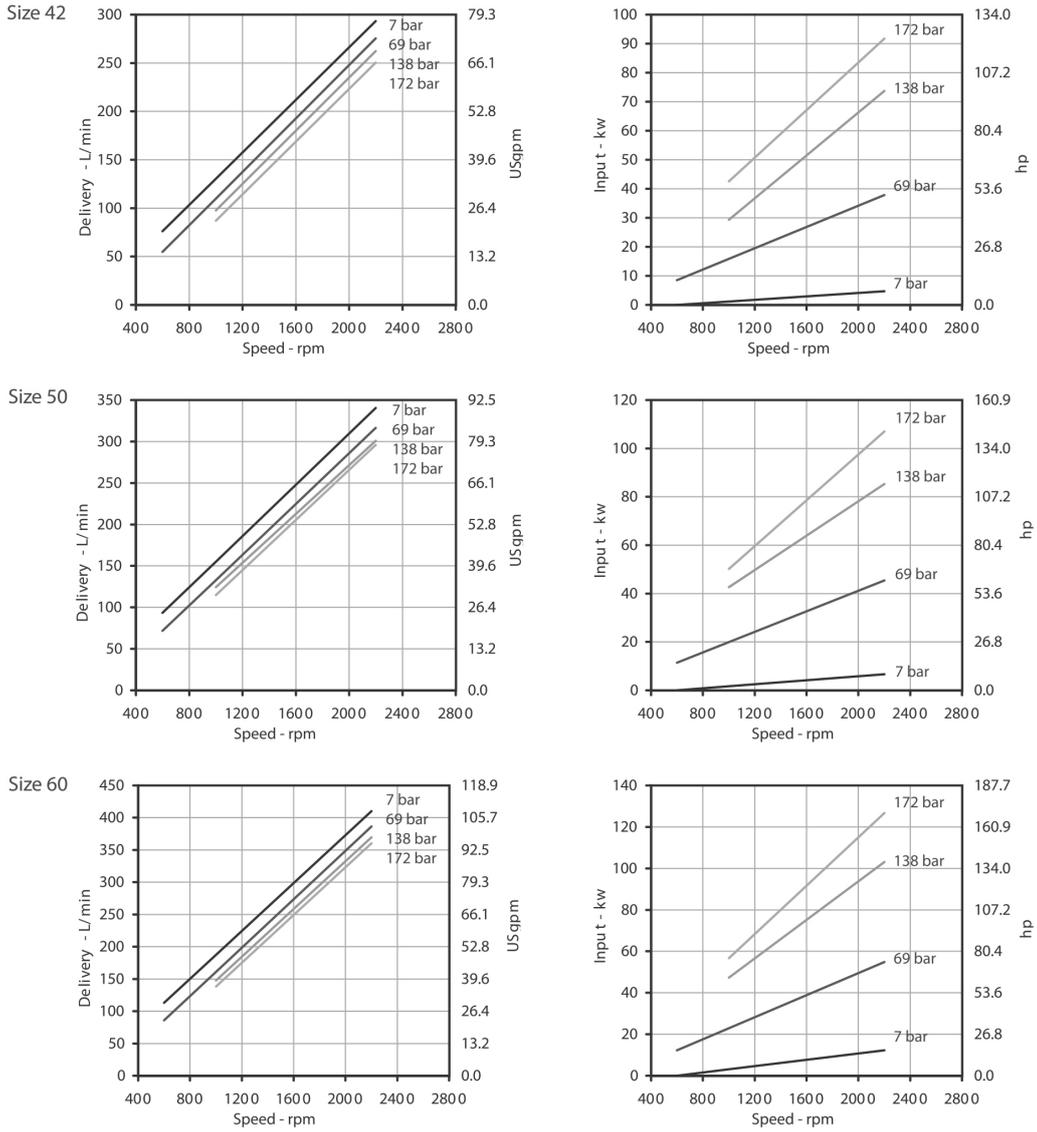
At 1800 rpm



Thru-drive Single Vane Pump 45HVT/45HVQT Series

45HVQ, Shaft End of 45thHVQ

Based on SAE 10W Fluid at 50°C (120°F) and pump inlet at 0 PSIG (14.7 PSIA)



For the Cover End Cartridge, the speed could not exceed the maximum speed of the shaft End Cartridge

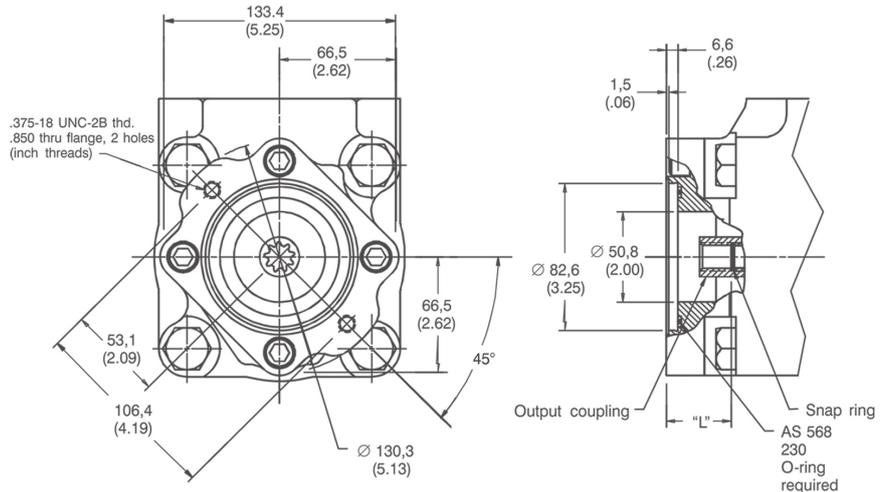
Thru-drive Single Vane Pump 45HVT/45HVQT Series

Thru-drive Rear Mountings

"A" rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 82-2 (A) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE "A" size with a 30° involute spline (per SAE std J-744 Oct '83), 9T and 16/32 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

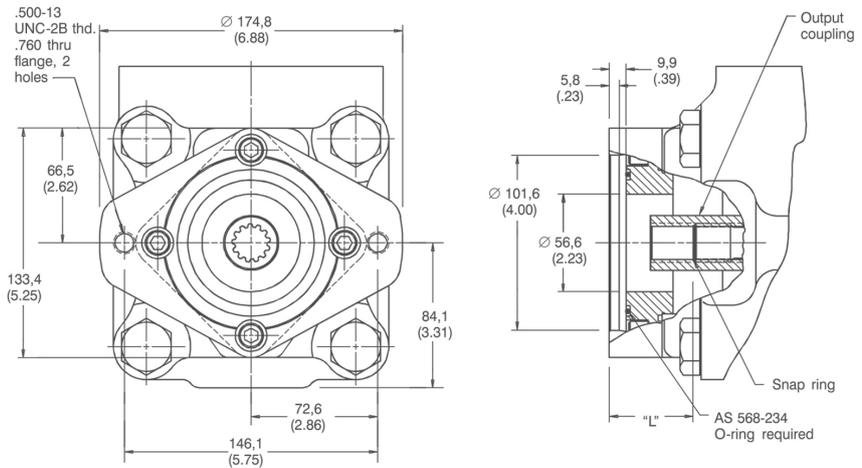
Pump Model	Dimensions "L"
25HVT/HVQT	32,5/31,0 (1.28/1.22) 33,0 (1.30) maximum
35HVT/HVQT	32,5/31,0 (1.28/1.22) 35,6 (1.40) maximum
45HVT/HVQT	32,5/31,0 (1.28/1.22) 35,3 (1.39) maximum



"B" rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 101-2 (B) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE "B" size with a 30° involute spline (per SAE std J-744 Oct '83), 13T and 16/32 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

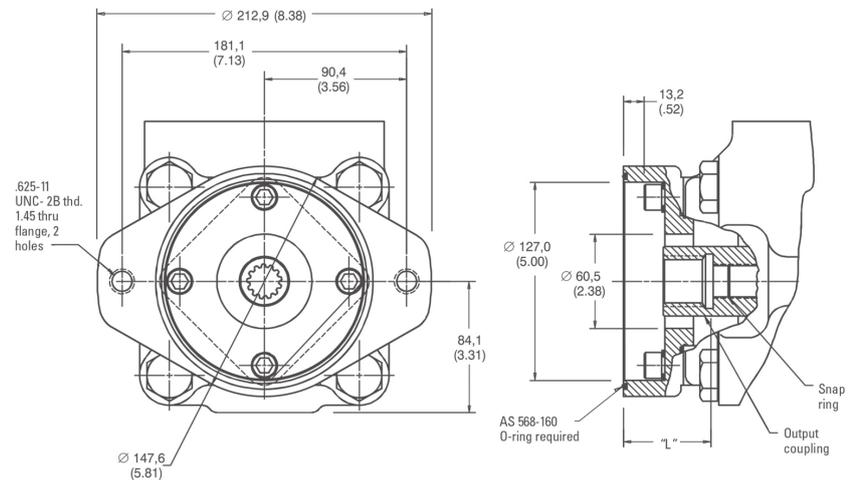
Pump Model	Dimensions "L"
25HVT/HVQT	42,4/39,9 (1.67/1.57) 45,2 (1.78) maximum
35HVT/HVQT	42,4/39,9 (1.67/1.57) 46,7 (1.84) maximum
45HVT/HVQT	42,4/39,9 (1.67/1.57) 46,2 (1.82) maximum



"C" rear mounting

This unit accepts a hydraulic pump with a mounting configuration of the 127-2 (C) size per SAE std. J-744 Oct '83. The output coupling is for a pump shaft of SAE "C" size with a 30° involute spline (per SAE std J-744 Oct '83), 14T and 12/24 D.P. (Per ANSI B.92.1a1976). Concentricity of the shaft of the attached pump must meet or exceed requirements of SAE Std. J-744 Oct '83.

Pump Model	Dimensions "L"
35HVT/HVQT	56,6/54,1 (2.23/2.13) 61,2 (2.41) maximum
45HVT/HVQT	56,6/54,1 (2.23/2.13) 61,5 (2.42) maximum



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