

Hydraulic Thru Drive Pump HT6*R 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



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

HT6CR/HT6CRM Series

Specification

HT6CR for Single pump

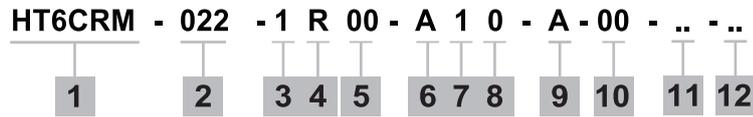
Size	Displacement cm ³ /r 1(in ³ /r)	Max. Intermittent Pressure bar (psi)	Max. Continuous Pressure bar (psi)	Min. Speed rpm	Max. Speed rpm	Weight
003	10.8 (0.66)	275 (4000)	240 (3500)	600	2800	20.4 (44.9)
005	17.2 (1.05)					
006	21.3 (1.30)					
008	26.4 (1.61)					
010	34.1 (2.08)					
012	37.1 (2.26)					
014	46.0 (2.81)					
017	58.3 (3.56)					
020	63.8 (3.89)					
022	70.3 (4.29)					
025	79.3 (4.84)	206 (3000)	160 (2300)		2500	
028	88.8 (5.42)					
031	100.0 (6.10)					

HT6CRM for Single pump

Size	Displacement cm ³ /r 1(in ³ /r)	Max. Intermittent Pressure bar (psi)	Max. Continuous Pressure bar (psi)	Min. Speed rpm	Max. Speed rpm	Weight
003	10.8 (0.66)	275 (4000)	240 (3500)	400	2800	20.4 (44.9)
005	17.2 (1.05)					
006	21.3 (1.30)					
008	26.4 (1.61)					
010	34.1 (2.08)					
012	37.1 (2.26)					
014	46.0 (2.81)					
017	58.3 (3.56)					
020	63.8 (3.89)					
022	70.3 (4.29)					
025	79.3 (4.84)	206 (3000)	160 (2300)		2500	
028	88.8 (5.42)					
031	100.0 (6.10)					

Thru-Drive Single Vane Pump HT6CR/HT6CRM Series

Ordering Code : Single Pump



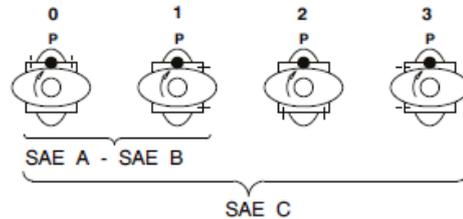
1. Model :
- Industrial - HT6CR SAE B 2 bolts mounting flange J744
 - Mobile 1 Shaft seals (M) - HT6CRM SAE B 2 bolts mounting flange J744

6. Adaptor
- 0 - None
 - A - SAE A
 - B - SAE B
 - C - SAE C

2. Displacement
- Volumetric displacement cm³/rec (in³/rev)
- 003 - 10.8 (0.66)
 - 005 - 17.2 (1.05)
 - 006 - 21.3 (1.30)
 - 008 - 26.4 (1.61)
 - 010 - 34.1 (2.08)
 - 012 - 37.1 (2.26)
 - 014 - 46.0 (2.81)
 - 017 - 58.3 (3.56)
 - 020 - 63.8 (3.89)
 - 022 - 70.3 (4.29)
 - 025 - 79.3 (4.84)
 - 028 - 88.8 (5.42)
 - 031 - 100.0 (6.10)

7. Coupling
- 1 - SAE A
 - 2 - SAE B
 - 3 - SAE BB
 - 4 - SAE C
 - 5 - SAE J498b 16/32 - 11 teeth

8. Porting Adapter



3. Type of shaft
- 1 - SAE BB Keyed Shaft
 - 2 - non SAE Keyed Shaft
 - 3 - SAE B Splined Shaft
 - 4 - SAE BB Splined Shaft
 - 5 - non SAE Keyed Shaft

9. Design letter

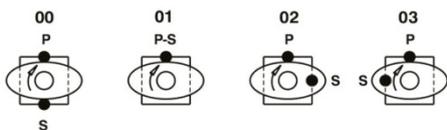
4. Direction of rotation (Viewed from shaft end)
- R - Turn right
 - L - Turn left

10. Port Connection (4 bolts SAE flange J518C)
- 00 - UNC Port Connection
 - M0 - Metric Port Connection

5. Porting combination
- 00 - standard

11. Modifications

12. Assembly Rear pump Diagrams (see page Assembly Porting Diagrams)
- VV00 - Assembly Rearpump
 - Omit - Not Assembly Rearpump

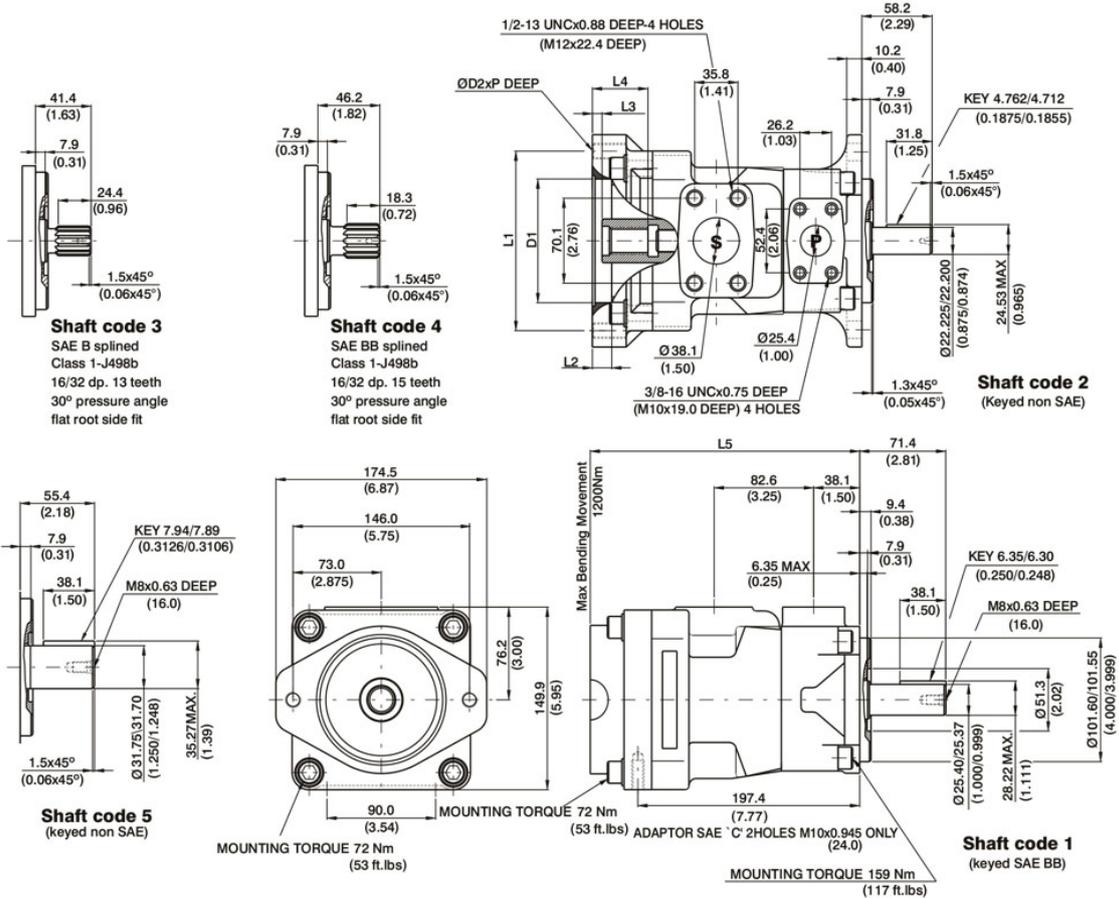


S - Suction port P - Pressure port

Thru-Drive Single Vane Pump HT6CR/HT6CRM Series

Installation Dimension mm (inch)

HT6CR, HT6CRM



Adapter	D1	D2	P	L1	L2	L3	L4	L5
SAE A	82.60 (3.25)	M10	24 (0.94)	106.4 (4.19)	11 (0.43)	7.9 (0.31)	32 (1.26)	209 (8.23)
SAE B	101.65 (4.00)	M12	28 (1.10)	146.0 (5.75)	16 (0.63)	7.9 (0.31)	46 (1.81)	223 (8.78)
SAE C	127.10 (5.00)	M16	-	181.0 (7.12)	16 (0.63)	7.9 (0.31)	56 (2.20)	233 (9.17)

Shaft torque limits ml/rev x bar (in ³ /rev x psi)			
Shaft	V x P max.	Coupling drive	V x P max.
1	21420 (18972)	SAE "A"	11000 (9743)
2	14300 (12666)	SAE "B"	20600 (18246)
3	20600 (18246)	SAE "BB"	22050 (19530)
4	32670 (28937)	SAE "C"	22050 (19530)
5	34180 (30274)	SAE "11teeth"	15850 (14039)

Adapter	SAE A		SAE B		SAE C
Coupling drive	SAE A	SAE 11 teeth	SAE B	SAE BB	SAE C
Number of teeth	9	11	13	13	14
Pitch	16/32	16/32	16/32	16/32	12/24
Pressure angle	30°	30°	30°	30°	30°
Major dia. (min)	15.875 (0.625)	19.05 (0.750)	22.225 (0.875)	22.225 (0.875)	31.75 (1.250)
Minor dia. (min)	12.70 (0.500)	16.00 (0.630)	19.125 (0.753)	19.125 (0.753)	27.585 (1.086)

Thru-Drive Single Vane Pump HT6CR/HT6CRM Series

Performance Characteristics

HT6CR, HT6CRM

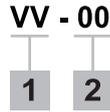
OPERATING CHARACTERISTICS - TYPICAL [115 SUS]

Series	Volumetric Displacement	Speed n [R.P.M]	Flow Q [GPM]			Input power P [HP]		
			p = 0 PSI	p = 2000 PSI	p = 3500 PSI	p = 100 PSI	p = 2000 PSI	p = 3500 PSI
003	0.66 in ³ /rev	1200	3.42	-	-	1.43	-	-
		1800	5.14	3.61	-	2.11	8.45	-
005	1.05 in ³ /rev	1200	5.45	3.99	-	1.55	8.17	-
		1800	8.18	6.65	5.56	2.29	12.00	19.59
006	1.30 in ³ /rev	1200	6.75	5.22	4.13	1.62	9.69	16.13
		1800	10.13	8.60	7.51	2.40	14.28	23.57
008	1.61 in ³ /rev	1200	8.37	6.84	5.75	1.72	11.58	19.43
		1800	12.55	11.02	9.93	2.54	17.11	28.53
010	2.08 in ³ /rev	1200	10.81	9.28	8.19	1.86	14.43	24.42
		1800	16.22	14.69	13.60	2.76	21.38	36.00
012	2.26 in ³ /rev	1200	11.76	10.23	9.14	1.92	15.53	26.36
		1800	17.64	16.11	15.02	2.84	23.05	38.92
014	2.81 in ³ /rev	1200	14.58	13.05	11.96	2.08	18.83	32.12
		1800	21.88	20.35	19.26	3.09	27.99	47.56
017	3.56 in ³ /rev	1200	18.48	16.95	15.86	2.31	23.38	40.08
		1800	27.73	26.20	25.11	3.43	34.81	59.51
020	3.89 in ³ /rev	1200	20.23	18.70	17.61	2.41	25.41	43.64
		1800	30.34	28.81	27.42	3.58	37.86	64.85
022	4.29 in ³ /rev	1200	22.29	20.76	19.67	2.53	27.82	47.85
		1800	33.43	31.90	30.81	3.76	41.47	71.16
025 ¹⁾	4.84 in ³ /rev	1200	25.14	23.61	22.52	2.70	31.15	53.68
		1800	37.71	36.18	35.09	4.01	46.46	79.90
028 ¹⁾	5.42 in ³ /rev	1200	28.15	26.62	25.86 ²⁾	2.87	34.66	51.37 ²⁾
		1800	42.23	40.70	39.94 ²⁾	4.27	51.74	76.73 ²⁾
031 ¹⁾	6.10 in ³ /rev	1200	31.70	30.17	29.41 ²⁾	3.08	38.80	57.58 ²⁾
		1800	47.56	46.03	45.27 ²⁾	4.58	57.95	86.06 ²⁾

1) 025 - 028 - 031 = 2500 R.P.M. max. 2) 028 - 031 = 3000 PSI max. int.
 - Not to use because internal leakage greater than 50% theoretical flow.
 - Port connection can be furnished with metric threads.

Thru-Drive Single Vane Pump HT6*R Series - Assembly Porting Diagrams

Ordering Code : Tandem Assembly



1. Assembly Tandem

- VV - Vane pump + Vane pump (Standard)
- VP - Vane pump + Piston pump
- VG - Vane pump + Gear pump
- VH - Vane pump + Hybrid pump

2. Assembly Porting combination

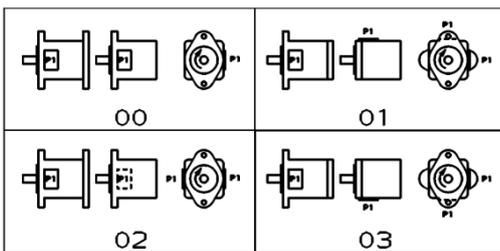
- 00 - Standard

Assembly screws

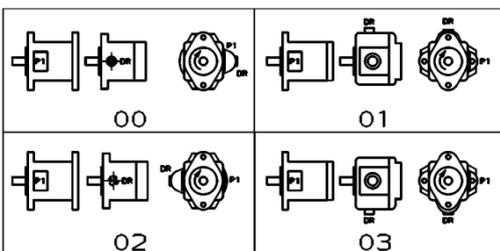
- SAE A rear mounting adaptor : 2 screws M10 x 30 (Mounting torque = 49 Nm.)
- SAE B rear mounting adaptor : 2 screws M12 x 35 (Mounting torque = 88 Nm.)
- SAE C rear mounting adaptor : 2 screws M16 x 40 (Mounting torque = 190 Nm.)

Assembly Porting Combination

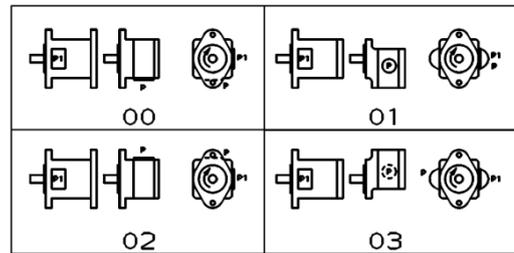
- VV type - Front single vane pump (view from shaft end)



- VP & VH type - For the second pump the reference is the DR drain poet on piston pump (view from shaft end)

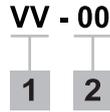


- VV type - For single vane pump (view from shaft end)



Thru-Drive Single Vane Pump HT6*R Series - Assembly Porting Diagrams

Ordering Code : Tandem Assembly



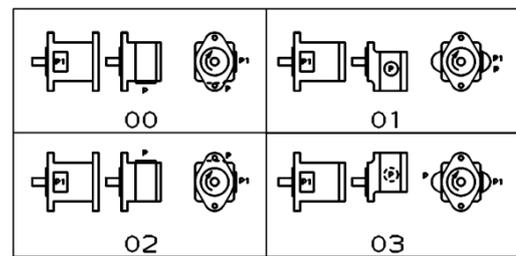
1. Assembly Tandem

- VV - Vane pump + Vane pump (Standard)
- VP - Vane pump + Piston pump
- VG - Vane pump + Gear pump
- VH - Vane pump + Hybrid pump

2. Assembly Porting combination

- 00 - Standard

- VG type - For single vane pump (view from shaft end)

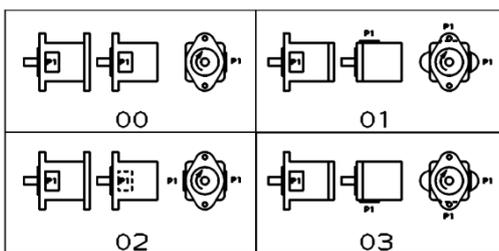


Assembly screws

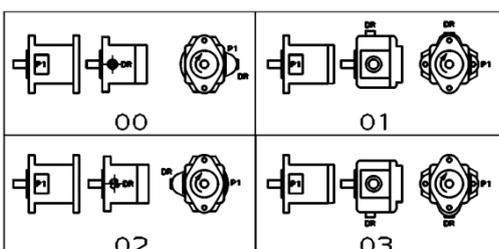
- SAE A rear mounting adaptor : 2 screws M10 x 30 (Mounting torque = 49 Nm.)
- SAE B rear mounting adaptor : 2 screws M12 x 35 (Mounting torque = 88 Nm.)
- SAE C rear mounting adaptor : 2 screws M16 x 40 (Mounting torque = 190 Nm.)

Assembly Porting Combination

- VV type - Front single vane pump (view from shaft end)



- VP & VH type - For the second pump the reference is the DR drain poet on piston pump (view from shaft end)



Thru-Drive Single Vane Pump HT6DR/HT6DRM Series

Specification

HT6DR for Single pump

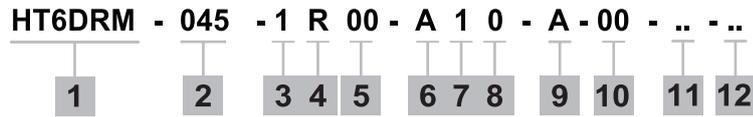
Size	Displacement cm ³ /r 1(in ³ /r)	Max. Intermittent Pressure bar (psi)	Max. Continuous Pressure bar (psi)	Min. Speed rpm	Max. Speed rpm	Weight
014	47.6 (2.90)	240 (3500)	206 (3000)	600	2500	32.3 (71.2)
017	58.2 (3.55)					
020	66.0 (4.03)					
024	79.5 (4.85)					
028	89.7 (5.47)					
031	98.3 (6.00)					
035	111.0 (6.77)					
038	120.3 (7.34)					
042	136.0 (8.30)				2200	
045	145.7 (8.89)					
050	158.0 (9.64)	206 (3000)	160 (2300)			

HT6DRM for Single pump

Size	Displacement cm ³ /r 1(in ³ /r)	Max. Intermittent Pressure bar (psi)	Max. Continuous Pressure bar (psi)	Min. Speed rpm	Max. Speed rpm	Weight
014	47.6 (2.90)	240 (3500)	206 (3000)	400	2500	32.3 (71.2)
017	58.2 (3.55)					
020	66.0 (4.03)					
024	79.5 (4.85)					
028	89.7 (5.47)					
031	98.3 (6.00)					
035	111.0 (6.77)					
038	120.3 (7.34)					
042	136.0 (8.30)				2200	
045	145.7 (8.89)					
050	158.0 (9.64)	206 (3000)	160 (2300)			

Thru-Drive Single Vane Pump HT6DR/HT6DRM Series

Ordering Code : Single Pump



1. Model :

- Industrial - HT6DR SAE C 2 bolts mounting flange J744
- Mobile 1 Shaft seals (M) - HT6DRM SAE C 2 bolts mounting flange J744

2. Displacement

Volumetric displacement cm³/rec (in³/rev)

- 014 - 47.6 (2.90)
- 017 - 58.2 (3.55)
- 020 - 66.0 (4.03)
- 024 - 79.5 (4.85)
- 028 - 89.7 (5.47)
- 031 - 98.3 (6.00)
- 035 - 111.0 (6.77)
- 038 - 120.3 (7.34)
- 042 - 136.0 (8.30)
- 045 - 145.7 (8.89)
- 050 - 158.0 (9.64)

3. Type of shaft

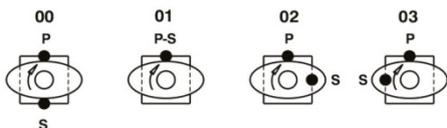
- 1 - SAE C Keyed Shaft
- 2 - SAE CC Keyed Shaft
- 3 - SAE C Splined Shaft
- 5 - non SAE Keyed Shaft

4. Direction of rotation (Viewed from shaft end)

- R - Turn right
- L - Turn left

5. Porting combination

00 - standard



S - Suction port P - Pressure port

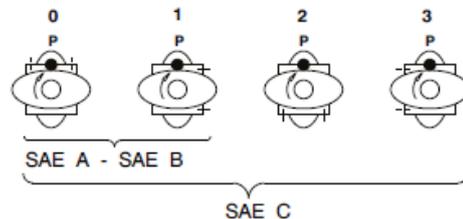
6. Adaptor

- 0 - None
- A - SAE A
- B - SAE B
- C - SAE C

7. Coupling

- 1 - SAE A
- 2 - SAE B
- 3 - SAE BB
- 4 - SAE C
- 5 - SAE J498b 16/32 - 11 teeth

8. Porting Adapter



9. Design letter

10. Port Connection (4 bolts SAE flange J518C)

- 00 - UNC Port Connection
- M0 - Metric Port Connection

11. Modifications

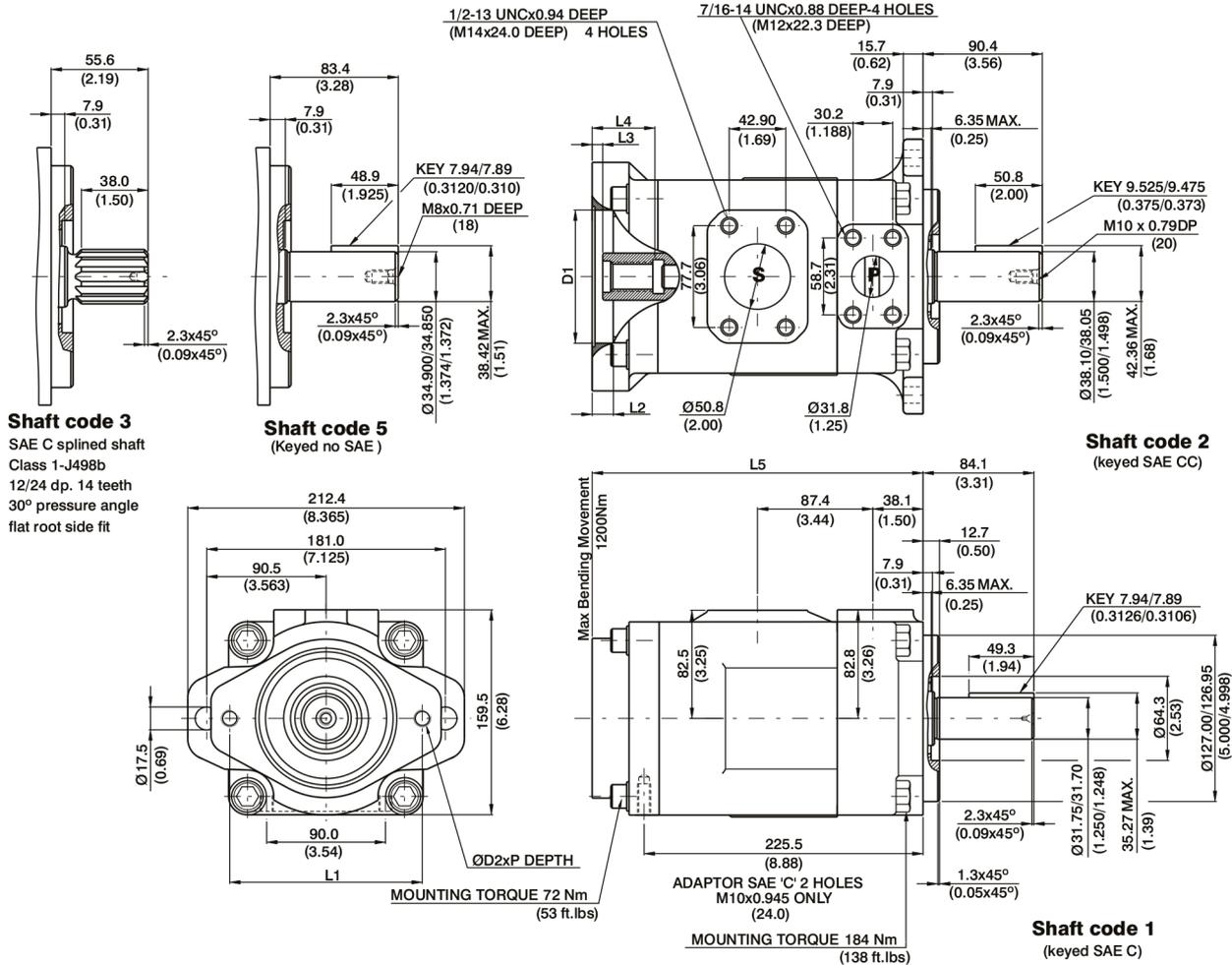
12. Assembly Rear pump Diagrams (see page Assembly Porting Diagrams)

- VV00 - Assembly Rearpump
- Omit - Not Assembly Rearpump

Thru-Drive Single Vane Pump HT6DR/HT6DRM Series

Installation Dimension mm (inch)

HT6DR, HT6DRM



Adapter	D1	D2	P	L1	L2	L3	L4	L5
SAE A	82.60 (3.25)	M10	24 (0.94)	106.4 (4.19)	11 (0.43)	7.9 (0.31)	32 (1.26)	237 (9.33)
SAE B	101.65 (4.00)	M12	28 (1.10)	146.0 (5.75)	16 (0.63)	7.9 (0.31)	46 (1.81)	251 (9.88)
SAE C	127.10 (5.00)	M16	-	181.0 (7.12)	16 (0.63)	7.9 (0.31)	56 (2.20)	261 (10.27)

Shaft torque limits ml/rev x bar (in ³ /rev x psi)			
Shaft	V x P max.	Coupling drive	V x P max.
1	43240 (38300)	SAE "A"	11000 (9743)
2	66036 (58491)	SAE "B"	20600 (18246)
3	61200 (54207)	SAE "BB"	32670 (28937)
5	55600 (49247)	SAE "C"	37390 (33118)
		SAE "11teeth"	15850 (14039)

Adapter	SAE A		SAE B		SAE C
Coupling drive	SAE A	SAE 11 teeth	SAE B	SAE BB	SAE C
Number of teeth	9	11	13	13	14
Pitch	16/32	16/32	16/32	16/32	12/24
Pressure angle	30°	30°	30°	30°	30°
Major dia. (min)	15.875 (0.625)	19.05 (0.750)	22.225 (0.875)	22.225 (0.875)	25.40 (1.00)
Minor dia. (min)	12.70 (0.500)	16.00 (0.630)	19.125 (0.753)	19.125 (0.753)	22.275 (0.877)

Thru-Drive Single Vane Pump

HT6DR/HT6DRM Series

Performance Characteristics

HT6DR, HT6DRM

OPERATING CHARACTERISTICS - TYPICAL [115 SUS]

Series	Volumetric Displacement	Speed n [R.P.M]	Flow Q [GPM]			Input power P [HP]		
			p = 0 PSI	p = 2000 PSI	p = 3500 PSI	p = 100 PSI	p = 2000 PSI	p = 3500 PSI
014	2.90 in ³ /rev	1200	15.09	12.91	11.27	2.44	19.60	33.20
		1800	22.64	20.46	18.82	4.02	29.31	49.34
017	3.55 in ³ /rev	1200	18.45	16.27	14.63	2.64	23.52	40.06
		1800	27.68	25.50	23.86	4.31	35.20	59.64
020	4.00 in ³ /rev	1200	20.92	18.74	17.10	2.78	26.41	45.11
		1800	31.39	29.21	25.57	4.53	39.52	67.21
024	4.80 in ³ /rev	1200	25.20	23.02	21.38	3.03	31.40	53.85
		1800	37.81	35.63	33.99	4.91	47.02	80.32
028	5.50 in ³ /rev	1200	28.44	26.26	24.62	3.22	35.17	60.45
		1800	42.66	40.48	38.84	5.19	52.68	90.23
031	6.00 in ³ /rev	1200	31.17	28.99	27.35	3.38	38.36	66.02
		1800	46.75	44.57	42.93	5.43	57.45	98.58
035	6.80 in ³ /rev	1200	35.19	33.01	31.37	3.61	43.05	74.24
		1800	52.79	50.61	48.97	5.78	64.50	110.91
038	7.30 in ³ /rev	1200	38.14	35.96	34.32	3.79	46.49	80.26
		1800	57.21	55.03	53.39	6.04	69.66	119.94
042 ¹⁾	8.30 in ³ /rev	1200	43.12	40.94	39.30	4.08	52.30	90.43
		1800	64.68	62.50	60.86	6.47	78.37	135.19
045 ¹⁾	8.90 in ³ /rev	1200	46.19	44.01	42.37	4.26	55.89	96.71
		1800	69.29	67.11	65.47	6.74	83.75	144.61
050 ¹⁾	9.64 in ³ /rev	1200	50.09	47.91	46.73 ²⁾	4.48	60.44	89.93 ²⁾
		1800	75.14	72.96	71.78 ²⁾	7.08	90.58	134.54 ²⁾

1) 042 - 045 - 050 = 2200 R.P.M. max. 2) 050 = 3000 PSI max. int.
 - Port connection can be furnished with metric threads.

Thru-Drive Single Vane Pump

HT6ER/HT6ERM Series

Specification

HT6ER for Single pump

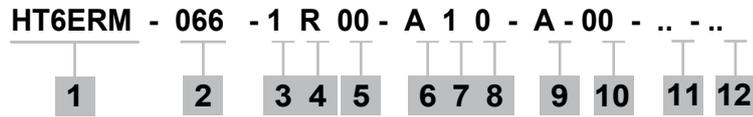
Size	Displacement cm ³ /r 1(in ³ /r)	Max. Intermittent Pressure bar (psi)	Max. Continuous Pressure bar (psi)	Min. Speed rpm	Max. Speed rpm	Weight
042	132.3 (8.07)	240 (3500)	206 (3000)	600	2200	42.5 (93.6)
045	142.4 (8.70)					
050	158.5 (9.67)					
052	164.8 (10.00)					
062	196.7 (12.00)					
066	213.3 (13.00)					
072	227.1 (13.86)					

HT6ERM for Single pump

Size	Displacement cm ³ /r 1(in ³ /r)	Max. Intermittent Pressure bar (psi)	Max. Continuous Pressure bar (psi)	Min. Speed rpm	Max. Speed rpm	Weight
042	132.3 (8.07)	240 (3500)	206 (3000)	400	2200	42.5 (93.6)
045	142.4 (8.70)					
050	158.5 (9.67)					
052	164.8 (10.00)					
062	196.7 (12.00)					
066	213.3 (13.00)					
072	227.1 (13.86)					

Thru-Drive Single Vane Pump HT6ER/HT6ERM Series

Ordering Code : Single Pump



1. Model :
- Industrial - HT6ER SAE C 2 bolts mounting flange J744
 - Mobile 1 Shaft seals (M) - HT6ERM SAE C 2 bolts mounting flange J744

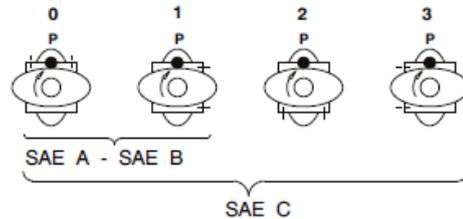
6. Adaptor
- 0 - None
 - A - SAE A
 - B - SAE B
 - C - SAE C

2. Displacement
- Volumetric displacement cm³/rec (in³/rev)
- 042 - 132.3 (8.07)
 - 045 - 142.4 (8.70)
 - 050 - 158.5 (9.67)
 - 052 - 164.8 (10.00)
 - 062 - 196.7 (12.00)
 - 066 - 213.3 (13.00)
 - 072 - 227.1 (13.86)

7. Coupling
- 1 - SAE A
 - 2 - SAE B
 - 3 - SAE BB
 - 4 - SAE C
 - 5 - SAE J498b 16/32 - 11 teeth

3. Type of shaft
- 1 - SAE CC Keyed Shaft
 - 3 - SAE C Splined Shaft
 - 4 - SAE CC Splined Shaft

8. Porting Adapter

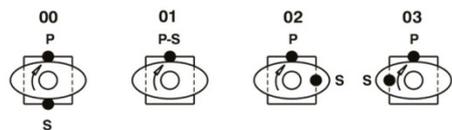


4. Direction of rotation (Viewed from shaft end)
- R - Turn right
 - L - Turn left

9. Design letter

5. Porting combination
- 00 - standard

10. Port Connection (4 bolts SAE flange J518C)
- 00 - UNC Port Connection



S - Suction port P - Pressure port

11. Modifications

12. Assembly Rear pump Diagrams (see page Assembly Porting Diagrams)
- VV00 - Assembly Rearpump
 - Omit - Not Assembly Rearpump

Thru-Drive Single Vane Pump

HT6ER/HT6ERM Series

Performance Characteristics

HT6ER, HT6ERM

OPERATING CHARACTERISTICS - TYPICAL [115 SUS]

Series	Volumetric Displacement	Speed n [R.P.M]	Flow Q [GPM]			Input power P [HP]		
			p = 0 PSI	p = 2000 PSI	p = 3500 PSI	p = 100 PSI	p = 2000 PSI	p = 3500 PSI
042	8.07 in ³ /rev	1200	41.94	39.39	37.54	5.35	52.28	89.29
		1800	62.92	60.37	58.52	8.09	78.44	133.80
045	8.70 in ³ /rev	1200	45.15	42.60	40.75	4.33	54.72	94.43
		1800	67.72	65.17	63.32	6.87	82.09	141.51
050	9.67 in ³ /rev	1200	50.25	47.70	45.85	4.63	60.68	104.85
		1800	75.38	72.83	70.98	7.32	91.02	157.15
052	10.00 in ³ /rev	1200	52.25	49.70	47.85	4.75	63.01	108.93
		1800	78.37	75.82	73.97	7.49	94.52	163.27
062	12.00 in ³ /rev	1200	62.36	59.81	57.96	5.34	74.81	129.58
		1800	93.54	90.99	89.14	8.38	112.22	194.25
066	13.00 in ³ /rev	1200	67.62	65.07	63.22	5.65	80.95	140.33
		1800	101.44	98.89	97.04	8.84	121.43	210.37
072	13.86 in ³ /rev	1200	72.00	69.45	67.60	5.90	86.05	149.26
		1800	108.00	105.45	103.60	9.22	129.09	223.77

- Port connection can be furnished with metric threads.

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