

GK

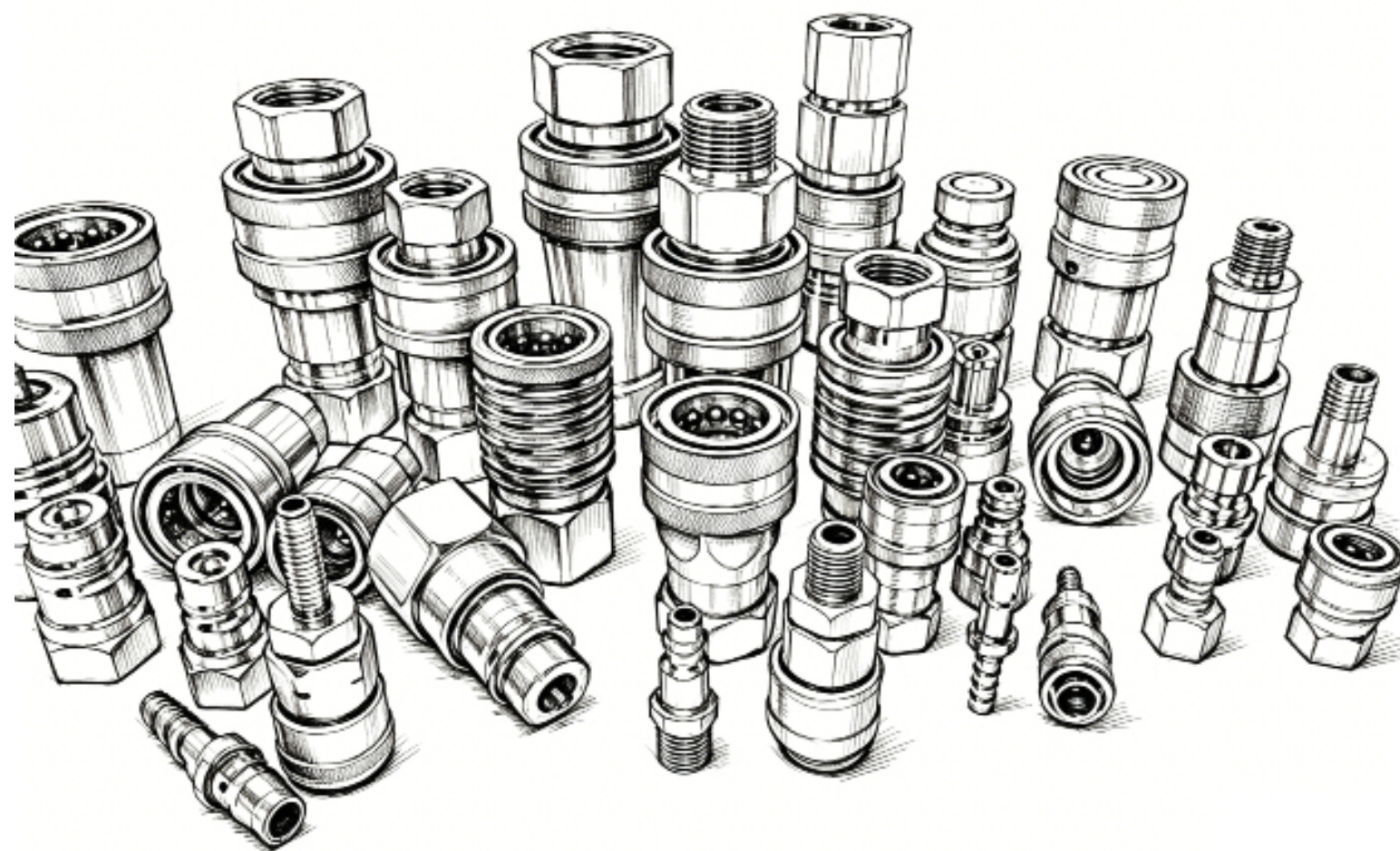
SHAOXING HI-TEC MACHINERY CO.,LTD

Add:No.23 Yuedong south road, Yuecheng
district, Shaoxing, Zhejiang P.R. China

TEL/FAX:+86-575-85120675

Phone/wechat/whatsapp:+8613486542116

Email: edwin.htm@hotmail.com



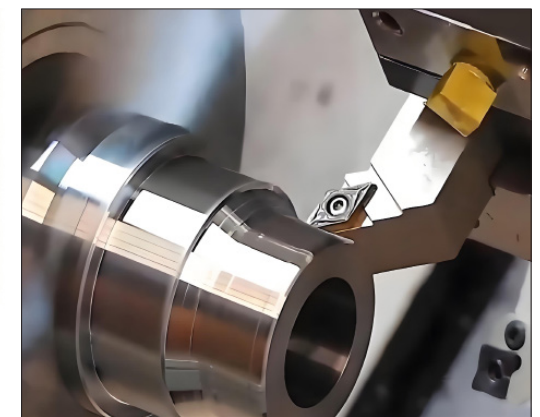
**HYDRAULIC
QUICK CONNECT SOLUTION**

Company Introduction

Since its establishment in 2014, Shaoxing HI-TEC Machinery Co., Ltd. has been dedicated to the R&D, manufacturing, and sales of fluid power seals, hydraulic power machinery, and automotive components. We operate over 50 professional CNC machining units, including CNC sawing machines, CNC lathes, as well as various automated assembly equipment, inspection and measuring instruments. Guided by our core values of "Professionalism, Quality, and Integrity," we strive to provide global customers with efficient and reliable mechanical products and solutions.

In 2025, we successfully obtained ISO 9001 quality management system certification, further solidifying our robust foundation for product quality. Our business covers both domestic and international markets. Leveraging mature international trade procedures and a professional service team, we have established a diversified marketing network that includes online platforms and global trade shows.

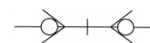
With a team of over 30 employees, including two professional engineers, we place customer needs at the center of everything we do whether it is customized product development or responsive logistics services aiming to create shared value at every stage. Choosing HI-TEC Machinery means choosing a trustworthy and excellence-driven partner. We look forward to joining hands with you to create a bright future for the fluid power and machinery industry!



HYDRAULIC QUICK CONNECT SOLUTION

企业目录 CONTENT

1. HTC-6600A CLOSE TYPE HYDRAULIC QUICK COUPLING
2. HTC-6600SS CLOSE TYPE HYDRAULIC QUICK COUPLING
3. HTC-60A CLOSE TYPE HYDRAULIC QUICK COUPLING
4. HTC-HNV CLOSE TYPE HYDRAULIC QUICK COUPLING
5. HTC-4250/HTC-4250C PUSHAND PULL TYPE HYDRAULIC QUICK COUPLING
6. HTC-PPK CONNECT UNDER PRESSURE FEMALE COUPLINGS
7. HTC-FF FLAT FACE TYPE HYDRAULIC QUICK COUPLING
8. HTC-FFH FLAT FACE TYPE HYDRAULIC QUICK COUPLING
9. HTC-FFI FLAT FACE TYPE HYDRAULIC QUICK COUPLING
10. HTC-DL MULTICOUPLINGS SERIES
11. HTC-VEP FLAT FACE THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING
12. KZE-B THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING
13. HTC-SP THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING
14. HTC-VVS THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING
15. HTC-75 THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING
16. HTC-CVE THREAD TYPE HYDRAULIC QUICK COUPLING
17. HTC-CVV THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING
18. HTC-RH THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING
19. HTC-TPL STRAIGHT-THROUGH HYDRAULIC QUICK COUPLING
20. HTC-VF CLOSE TYPE HYDRAULIC QUICK COUPLING
21. HTC-TM CLOSE TYPE HYDRAULIC QUICK COUPLING
22. HTC-115 SUPER HIGH PRESSURE HYDRAULIC QUICK COUPLING



特征

- HTC-6600A 系列接头具有以下特征：
- 接头断开时，阀芯自动闭合，防止泄漏。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的畅通。
- 关键部件经过感应淬火，耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和公插头采用实心棒料精密制造。
- 本接头符合 ISO7241-A 标准，并与下列产品互换：美国派克(PARKER)6600 系列、意大利快事达(FASTER) ANV 系列、美国爱力克(AEROQUIPIP) 5600 系列、美国汉森(HANSEN) HA15000 系列。

Features

HTC-6600A Series couplings feature:

- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expeditely.
- Critical parts are hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- HTC-6600A series conforms to the standard of ISO 7241-A.
- Compatible with PARKER 6600 Series, FASTER ANV Series, AEROQUIPIP 5600 Series and HANSEN HA 15000 Series.

应用

HTC-6600A 系列广泛应用于各种工业所需的连接，主要用于建筑设备、森林设备、农业机械、液压机具、石油设备、钢铁设备及其它所需的液压应用。

Applications

The HTC-6600A Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, oil equipment, steel mill machinery, and other demanding hydraulic applications.

技术规范

规格 (英寸)	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
额定压力 (PSI)	5000	5000	5000	4000	4000	3000	3000	2500
额定流量 (GPM)	3	6	12	28	50	88	120	240
温度范围 (标准密封圈)	-20°C ~ +120°C							
标准密封圈材料丁腈橡胶 NBR								

Specifications

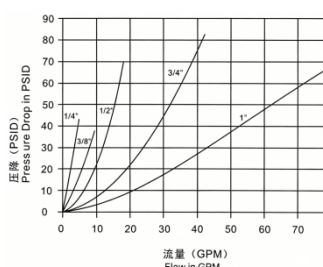
Body Size (in)	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
Rated Pressure (PSI)	5000	5000	5000	4000	4000	3000	3000	2500
Rated Flow (GPM)	3	6	12	28	50	88	120	240
Temperature Range (std seals)	-20°C to +120°C							
Standard seal material is NBR								

Performance (性能)

HTC-6600A 系列 (1/4", 3/8", 1/2", 3/4", 1")

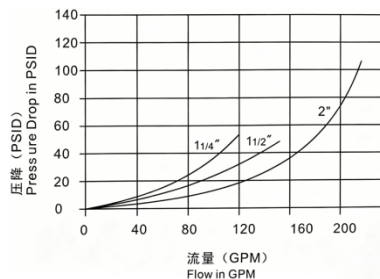
HTC-6600A Series (1/4", 3/8", 1/2", 3/4", 1")

测试流体: 油 - 200SUS (Test Fluid: Oil-200SUS)

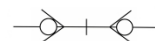


HTC-6600A 系列 (1 1/4", 1 1/2", 2")

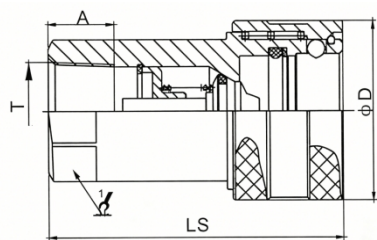
HTC-6600A Series (1 1/4", 1 1/2", 2")



1GPM=3.78L/Min 1PSID=0.0069MPa

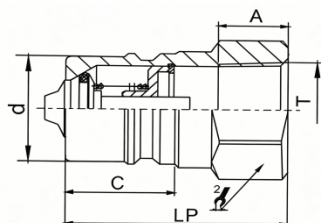


母插座 (Socket)



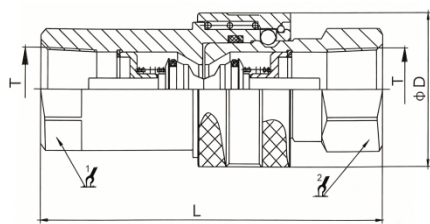
ISO	PART NO.	LS	ΦD	1	A	T
6.3	HTC-6600A-02SF	50	26	19	13	G1/4 NPT1/4
10	HTC-6600A-03SF	56	31.5	22	14	G3/8 NPT3/8
12.5	HTC-6600A-04SF	66	38.5	27	16	G1/2 NPT1/2
20	HTC-6600A-06SF	80	48	34	18	G3/4 NPT3/4
25	HTC-6600A-08SF	94	56	41	21	G1 NPT1
31.5	HTC-6600A-10SF	117	69.5	50	25	G1-1/4 NPT1-1/4
40	HTC-6600A-12SF	133	84	60	27	G1-1/2 NPT1-1/2
50	HTC-6600A-16SF	165	99	75	26	G2 NPT2

公插头 (Plug)



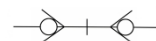
ISO	PART NO.	LP	d	C	1	A	T
6.3	HTC-6600A-02PF	35.5	11.8	15	19	13	G1/4 NPT1/4
10	HTC-6600A-03PF	36.5	17.3	21.4	22	14	G3/8 NPT3/8
12.5	HTC-6600A-04PF	43.5	20.5	27	27	16	G1/2 NPT1/2
20	HTC-6600A-06PF	57	29	28	35	18	G3/4 NPT3/4
25	HTC-6600A-08PF	59.5	34.3	36	41	21	G1 NPT1
31.5	HTC-6600A-10PF	75	45	46	50	25	G1-1/4 NPT1-1/4
40	HTC-6600A-12PF	83.5	55	52	60	27	G1-1/2 NPT1-1/2
50	HTC-6600A-16PF	105	65	64	75	26	G2 NPT2

连接器装配/Coupling Fitting



ISO	PART NO.	L	ΦD	1	2	T
6.3	HTC-6600A-02	71	26	19	19	G1/4 NPT1/4
10	HTC-6600A-03	75	31.5	22	22	G3/8 NPT3/8
12.5	HTC-6600A-04	88	38.5	27	27	G1/2 NPT1/2
20	HTC-6600A-06	110	48	34	35	G3/4 NPT3/4
25	HTC-6600A-08	119.5	56	41	41	G1 NPT1
31.5	HTC-6600A-10	150	69.5	50	50	G1-1/4 NPT1-1/4
40	HTC-6600A-12	167.5	84	60	60	G1-1/2 NPT1-1/2
50	HTC-6600A-16	210.5	99	75	75	G2 NPT2

HTC-6600SS 开闭式液压快速接头 (不锈钢 316)



两端开闭式

HTC-6600SS CLOSE TYPE HYDRAULIC QUICK COUPLING(STAINLESS STEEL 316)

Socket with valve Plug with valve



特征

HTC-6600SS 系列接头具有以下特征:

- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的畅通。
- 可靠的球锁机构将相匹配的两大部分结合在一起。
- 母插座和公插头采用实心的棒料精密制造。
- 本接头符合 ISO7241-A 标准。
- 并与下列产品互换: 美国派克 (PARKER) 6600 系列、意大利快事达 (FASTER) ANV 系列、美国爱力克 (AEROQUIP) 5600 系列、美国汉森 (HANSEN) HA15000 系列。

Features

HTC-6600SS Series couplings feature:

- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expedited.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- HTC-6600SS series conforms to the standard of ISO 7241-A.
- Compatible with PARKER 6600 Series, FASTER ANV Series, AEROQUIP 5600 Series and HANSEN HA 15000 Series.

应用

HTC-6600SS 系列广泛应用于各种工业所需的连接, 主要用于建筑设备、森林设备、农业机械、液压机具、石油设备、钢铁设备及其它所需的液压应用。

Applications

The HTC-6600SS Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, Oil equipment steel mill machinery, and other demanding hydraulic applications.

技术规范

规格 (英寸)	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
额定压力 (PSI)	3500	3000	3000	3000	2000	1000	1000	1000
额定流量 (GPM)	3	6	12	28	50	88	120	240
温度范围 (标准密封圈)	-20℃至 +200℃							
标准密封圈材料为氟橡胶 VITON								

Specifications

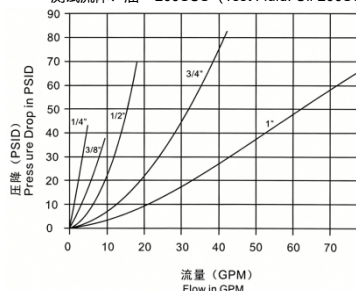
Item\Body Size(in)	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
Rated Pressure(PSI)	3500	3000	3000	3000	2000	1000	1000	1000
Rated Flow(GPM)	3	6	12	28	50	88	120	240
Temperature Range(std seals)	-20℃ to +200℃							
Standard seal material is VITON								

Performance (性能)

HTC-6600SS 系列 (1/4", 3/8", 1/2", 3/4", 1")

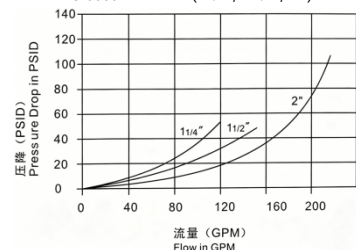
HTC-6600SS Series (1/4", 3/8", 1/2", 3/4", 1")

测试流体: 油 - 200SUS (Test Fluid: Oil-200SUS)

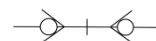


HTC-6600SS 系列 (1 1/4", 1 1/2", 2")

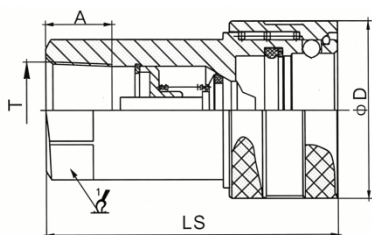
HTC-6600SS Series (1 1/4", 1 1/2", 2")



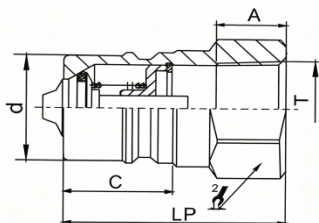
1GPM=3.78L/Min 1PSID=0.0069MPa



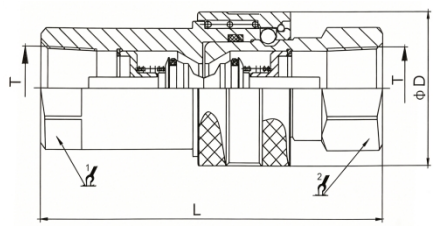
母插座 (Socket)



公插头 (Plug)



连接器装配/Coupling Fitting



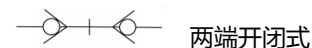
ISO	PART NO.	LS	ΦD	1/2	A	T	
6.3	HTC-6600SS-02SF	50	26	19	13	G1/4	NPT1/4
10	HTC-6600SS-03SF	56	31.5	22	14	G3/8	NPT3/8
12.5	HTC-6600SS-04SF	66	38.5	27	16	G1/2	NPT1/2
20	HTC-6600SS-06SF	80	48	34	18	G3/4	NPT3/4
25	HTC-6600SS-08SF	94	56	41	21	G1	NPT1
31.5	HTC-6600SS-10SF	117	69.5	50	25	G1-1/4	NPT1-1/4
40	HTC-6600SS-12SF	133	84	60	27	G1-1/2	NPT1-1/2
50	HTC-6600SS-16SF	165	99	75	26	G2	NPT2

ISO	PART NO.	LP	d	C	2/2	A	T	
6.3	HTC-6600SS-02PF	35.5	11.8	15	19	13	G1/4	NPT1/4
10	HTC-6600SS-03PF	36.5	17.3	21.4	22	14	G3/8	NPT3/8
12.5	HTC-6600SS-04PF	43.5	20.5	27	27	16	G1/2	NPT1/2
20	HTC-6600SS-06PF	57	29	28	35	18	G3/4	NPT3/4
25	HTC-6600SS-08PF	59.5	34.3	36	41	21	G1	NPT1
31.5	HTC-6600SS-10PF	75	45	46	50	25	G1-1/4	NPT1-1/4
40	HTC-6600SS-12PF	83.5	55	52	60	27	G1-1/2	NPT1-1/2
50	HTC-6600SS-16PF	105	65	64	75	26	G2	NPT2

ISO	PART NO.	L	ΦD	1/2	2/2	T	
6.3	HTC-6600SS-02	71	26	19	19	G1/4	NPT1/4
10	HTC-6600SS-03	75	31.5	22	22	G3/8	NPT3/8
12.5	HTC-6600SS-04	88	38.5	27	27	G1/2	NPT1/2
20	HTC-6600SS-06	110	48	34	35	G3/4	NPT3/4
25	HTC-6600SS-08	119.5	56	41	41	G1	NPT1
31.5	HTC-6600SS-10	150	69.5	50	50	G1-1/4	NPT1-1/4
40	HTC-6600SS-12	167.5	84	60	60	G1-1/2	NPT1-1/2
50	HTC-6600SS-16	210.5	99	75	75	G2	NPT2

HTC-60A 开闭式液压快速接头 (碳钢)

HTC-60A CLOSE TYPE HYDRAULIC QUICK COUPLING(STEEL)



Socket with valve Plug with valve



特征

HTC-60A 系列接头具有以下特征:

- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的畅通。
- 关键部件经过感应淬火, 所以耐用性好。
- 可靠的球锁机构将相匹配的两大部分结合在一起。
- 母插座和公插头采用实心的棒料精密制造。
- 本接头符合 ISO7241-B 标准。
- 并与下列产品互换: 美国派克 (PARKER) 60 系列、意大利快事达 (FASTER) HNV 系列、美国爱力克 (AEROQUIP) FD45 系列、美国汉森 (HANSEN) HK 系列。

Features

HTC-60A Series couplings feature:

- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expedited.
- Critical parts are hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- HTC-60A series conforms to the standard of ISO 7241-B.
- Compatible with PARKER 60 Series, FASTER HNV Series, AEROQUIP FD45 Series and HANSEN HK Series.

应用

HTC-60A 接头使用于各种范围的液压应用。这类双截止接头能适用以下情况: 流体输送管路因设备操作或维护而需要连接及断开, 而且希望不出现流体损耗。

HTC-60A 接头广泛应用于各种工业所需的连接, 主要用于建筑设备、森林设备、农业机械、液压机具、石油设备、钢铁设备、化学品、及其它所需的液压应用。

Applications

HTC-60A couplings are used across the spectrum of hydraulic applications. These Double Shut-Off couplings can be found anywhere that fluid transfer lines need to be connected and disconnected for operation or maintenance of equipment, and a loss of fluid is undesirable.

HTC-60A are used in construction equipment, Forestry equipment, agricultural machinery, oil tools, Oil equipment, steel mill machinery, and other demanding hydraulic applications.

技术规范

规格 (英寸)	1/8	1/4	3/8	1/2	3/4	1
额定压力 (PSI)	5000	5000	4000	4000	3000	3000
额定流量 (GPM)	1	3	6	12	28	50
温度范围 (标准密封圈)	-20°C 至 +120°C					
标准密封圈材料为丁腈橡胶 NBR						

Specifications

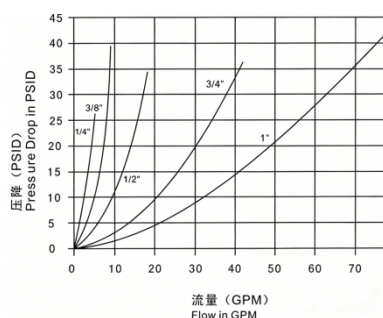
Body Size(in)	1/8	1/4	3/8	1/2	3/4	1
Rated Pressure(PSI)	5000	5000	4000	4000	3000	3000
Rated Flow(GPM)	1	3	6	12	28	50
Temperature Range(std seals)	-20°C to +120°C					
Standard seal material is NBR						

Performance (性能)

HTC-60A 系列 (1/4", 3/8", 1/2", 3/4", 1")

HTC-60A Series (1/4", 3/8", 1/2", 3/4", 1")

测试流体: 油 - 200SUS (Test Fluid: Oil-200SUS)



1GPM=3.78L/Min 1PSID=0.0069MPa

HTC-60A 开闭式液压快速接头 (碳钢)

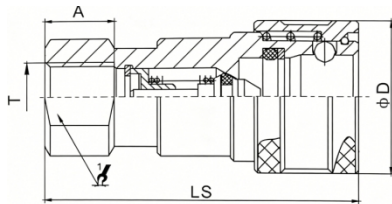
HTC-60A CLOSE TYPE HYDRAULIC QUICK COUPLING(STEEL)



两端开闭式

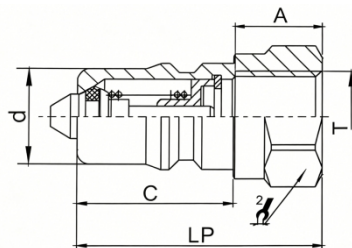
Socket with valve Plug with valve

母插座 (Socket)



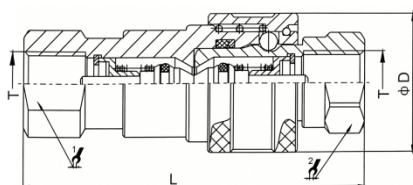
ISO	PART NO.	LS	ΦD		A	T
5	HTC-60A-01SF	48	24	17	9.5	G1/8 NPT1/8
6.3	HTC-60A-02SF	58	28.5	19	13	G1/4 NPT1/4
10	HTC-60A-03SF	65	35	24	13	G3/8 NPT3/8
12.5	HTC-60A-04SF	74	44.5	28.5	20.5	G1/2 NPT1/2
20	HTC-60A-06SF	92	54	36	22	G3/4 NPT3/4
25	HTC-60A-08SF	103	63.5	41	23	G1 NPT1

公插头 (Plug)

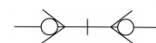


ISO	PART NO.	LP	d	C		A	T
5	HTC-60A-01PF	29	10.8	19	14	9.5	G1/8 NPT1/8
6.3	HTC-60A-02PF	36	14.2	22.8	19	13	G1/4 NPT1/4
10	HTC-60A-03PF	40	19	25	24	13	G3/8 NPT3/8
12.5	HTC-60A-04PF	46.5	23.5	28	28.5	20.5	G1/2 NPT1/2
20	HTC-60A-06PF	56	31.5	36	36	22	G3/4 NPT3/4
25	HTC-60A-08PF	63	37.8	45	41	23	G1 NPT1

连接器装配/Coupling Fitting



ISO	PART NO.	L	ΦD			T
5	HTC-60A-01	58.5	24	17	14	G1/8 NPT1/8
6.3	HTC-60A-02	72	28.5	19	19	G1/4 NPT1/4
10	HTC-60A-03	80.5	35	24	24	G3/8 NPT3/8
12.5	HTC-60A-04	93.5	44.5	28.5	28.5	G1/2 NPT1/2
20	HTC-60A-06	112.5	54	36	36	G3/4 NPT3/4
25	HTC-60A-08	126.5	63.5	41	41	G1 NPT1



特征

HTC-HNV 系列接头具有以下特征：

- 接头断开时，阀芯自动闭合，防止泄漏。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的畅通。
- 可靠的球锁机构将相匹配的两大部分结合在一起。
- 母插座和公插头采用实心的棒料精密制造。
- 本接头符合 ISO7241-B 标准。
- 并与下列产品互换：美国派克 (PARKER) 60 系列、意大利快事达 (FASTER) HNV 系列、美国爱力克 (AEROQUIP) FD45 系列、美国汉森 (HANSEN) HK 系列。

Features

HTC-HNV Series couplings feature:

- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expedited.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- HTC-HNV series conforms to the standard of ISO 7241-B.
- Compatible with PARKER 60 Series, FASTER HNV Series, AEROQUIP FD45 Series and HANSEN HK Series.

应用

HTC-HNV 接头使用于各种范围的液压应用。这类双截止接头能适用以下情况：流体输送管路因设备操作或维护而需要连接及断开，而且希望不出现流体损耗。

HTC-HNV 接头广泛应用于各种工业所需的连接，主要用于建筑设备、森林设备、农业机械、液压机具、石油设备、钢铁设备、化学品、及其它所需的液压应用。

Applications

HTC-HNV are used in construction equipment, hydraulic applications. These Double Shut-Off couplings can be found anywhere that fluid transfer lines need to be connected and disconnected for operation or maintenance of equipment, and a loss of fluid is undesirable.

HTC-HNV are used in construction equipment, Forestry equipment, agricultural machinery, oil tools, Oil equipment, steel mill machinery, and other demanding hydraulic applications.

技术规范

规格 (英寸)	1/8	1/4	3/8	1/2	3/4	1
额定压力 (PSI)	3500	3500	3000	3000	3000	2000
额定流量 (GPM)	1	3	6	12	28	50
温度范围 (标准密封圈)	-20°C至 +180°C					
标准密封圈材料为氟橡胶 VITON						

Specifications

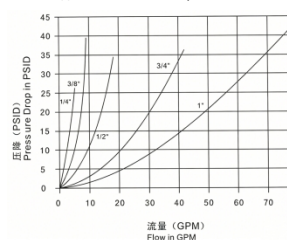
Body Size(in)	1/8	1/4	3/8	1/2	3/4	1
Rated Pressure(PSI)	3500	3500	3000	3000	3000	2000
Rated Flow(GPM)	1	3	6	12	28	50
Temperature Range(std seals)	-20°C to +180°C					
Standard seal material is VITON						

Performance (性能)

HTC-HNV 系列 (1/4", 3/8", 1/2", 3/4", 1")

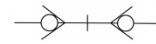
HTC-HNV Series (1/4", 3/8", 1/2", 3/4", 1")

测试流体：油 - 200SUS (Test Fluid: Oil-200SUS)



1GPM=3.78L/Min 1PSID=0.0069MPa

HTC-HNV 开闭式液压快速接头(不锈钢 316)

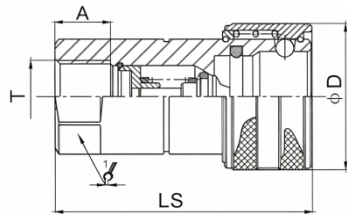


两端开闭式

HTC-HNV CLOSE TYPE HYDRAULIC QUICK COUPLING (STAINLESS STEEL316)

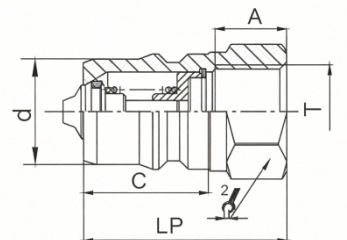
Socket with valve Plug with valve

母插座 (Socket)



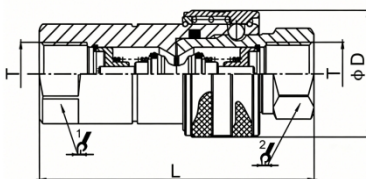
ISO	PART NO.	LS	ΦD	$\frac{1}{2}$	A	T
5	HTC-HNV-01SF	50	24	17	10	G1/8 NPT1/8
6.3	HTC-HNV-02SF	58	28.5	19	13	G1/4 NPT1/4
10	HTC-HNV-03SF	65	35	24	13	G3/8 NPT3/8
12.5	HTC-HNV-04SF	73.4	42	30	17	G1/2 NPT1/2
20	HTC-HNV-06SF	92	54	36	22	G3/4 NPT3/4
25	HTC-HNV-08SF	103	65	41	23	G1 NPT1

公插头 (Plug)

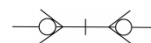


ISO	PART NO.	LP	d	C	$\frac{2}{2}$	A	T
5	HTC-HNV-01PF	31	10.8	19	14	10	G1/8 NPT1/8
6.3	HTC-HNV-02PF	36	14.2	22.8	19	13	G1/4 NPT1/4
10	HTC-HNV-03PF	40	19	25	24	13	G3/8 NPT3/8
12.5	HTC-HNV-04PF	45.5	23.5	28	27	17	G1/2 NPT1/2
20	HTC-HNV-06PF	56	31.5	36	36	22	G3/4 NPT3/4
25	HTC-HNV-08PF	63	37.8	35.5	45	23	G1 NPT1

连接器装配/Coupling Fitting



ISO	PART NO.	L	ΦD	$\frac{1}{2}$	$\frac{2}{2}$	T
5	HTC-HNV-01	62.5	24	17	14	G1/8 NPT1/8
6.3	HTC-HNV-02	72.2	28.5	19	19	G1/4 NPT1/4
10	HTC-HNV-03	80.5	35	24	24	G3/8 NPT3/8
12.5	HTC-HNV-04	91.5	42	30	27	G1/2 NPT1/2
20	HTC-HNV-06	112.5	54	36	36	G3/4 NPT3/4
25	HTC-HNV-08	126.5	65	41	41	G1 NPT1



特征

HTC-4250 和 HTC-4250C 系列接头具有以下特性:

- 在接头被夹紧或以舱壁形式安装时, 双作用套筒可以单手操作。
- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内始终保持流体的畅通。
- 关键部件经过感应淬火, 耐用性优异。
- 可靠的球锁机构将相匹配的两半接头锁紧结合。
- 母插座及公插头采用实心棒料精密加工制造。
- 本接头符合 ISO5675 标准。
- 可与以下产品互换: 美国派克 (PARKER) 4250 系列, 意大利快事达 (FASTER) CPV-CNV 系列。

Features

HTC-4250 and HTC-4250C Series Couplings feature:

- Double acting sleeve for one handed push-to-Connect operation when coupler is clamp or bulkhead mounted.
- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expedited.
- Critical parts are hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- HTC-4250 series conforms to the standard of ISO5675.
- Compatible with PARKER 4250 Series, FASTER CPV-CNV Series.

应用

HTC-4250/HTC-4250C 系列广泛应用于各种工业用途, 用于建筑设备、森林设备、农业机械及液压机具。

Applications

The HTC-4250 and HTC-4250C Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, and oil tools.

技术规范

规格 (英寸)	1/2
额定压力 (PSI)	4000
额定流量 (GPM)	12
温度范围 (标准密封圈)	-20°C至 + 120°C
标准密封圈材料为丁腈橡胶 NBR	

Specifications

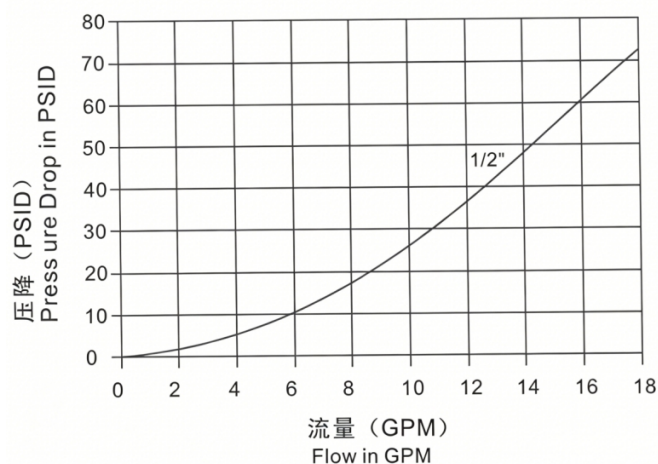
Body Size(in)	1/2
Rated Pressure(PSI)	4000
Rated Flow(GPM)	12
Temperature Range(std seals)	-20°C to +120°C
Standard seal material is NBR	

Performance (性能)

HTC-4250 系列(1/2")

HTC-4250 Series (1/2")

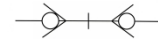
测试流体:油-200SUS(Test Fluid:Oil-200SUS)



1GPM=3.78L/Min 1PSID=0.0069MPa

HTC-4250 推拉式液压快速接头 (碳钢)

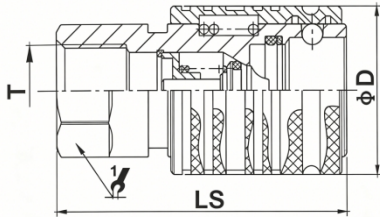
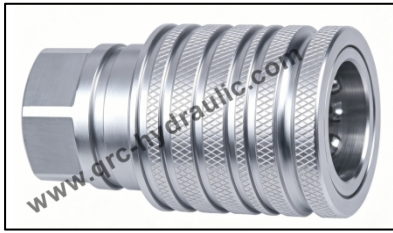
HTC-4250 PUSHAND PULL TYPE HYDRAULIC QUICK COUPLING(STEEL)



两端开闭式

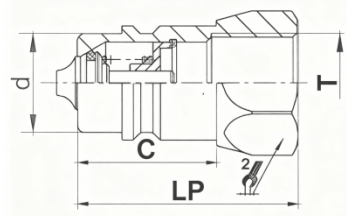
Socket with valve Plug with valve

母插座 (Socket)



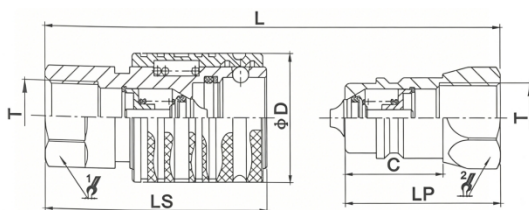
ISO	PART NO.	LS	ΦD	1/2	T
12.5	HTC-4250-04SF3/8	66	38	27	3/8BSP NPT3/8
12.5	HTC-4250-04SF1/2	66	38	27	1/2BSP NPT1/2
12.5	HTC-4250-04SF3/4	69	38	34	3/4BSP NPT3/4
12.5	HTC-4250-04SFM14	66	38	27	M14*1.5
12.5	HTC-4250-04SFM16	66	38	27	M16*1.5
12.5	HTC-4250-04SFM18	66	38	27	M18*1.5
12.5	HTC-4250-04SFM22	66	38	27	M22*1.5

公插头 (Plug)



ISO	PART NO.	LP	d	C	2/2	T
12.5	HTC-4250-04PF3/8	61.5	20.5	27	27	3/8BSP NPT3/8
12.5	HTC-4250-04PF1/2	44	20.5	27	27	1/2BSP NPT1/2
12.5	HTC-4250-04PF3/4	64.5	20.5	34	34	3/4BSP NPT3/4
12.5	HTC-4250-04PFM14	61.5	20.5	27	27	M14*1.5
12.5	HTC-4250-04PFM16	61.5	20.5	27	27	M16*1.5
12.5	HTC-4250-04PFM18	61.5	20.5	27	27	M18*1.5
12.5	HTC-4250-04PFM22	44	20.5	27	27	M22*1.5

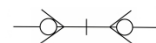
连接器装配/Coupling Fitting



ISO	PART NO.	L	ΦD	1/2	2/2	T
12.5	HTC-4250-04F3/8	105.5	38	27	27	3/8BSP NPT3/8
12.5	HTC-4250-04F1/2	105.5	38	27	27	1/2BSP NPT1/2
12.5	HTC-4250-04F3/4	105.5	38	34	34	3/4BSP NPT3/4
12.5	HTC-4250-04FM14	105.5	38	27	27	M14*1.5
12.5	HTC-4250-04FM16	105.5	38	27	27	M16*1.5
12.5	HTC-4250-04FM18	105.5	38	27	27	M18*1.5
12.5	HTC-4250-04FM22	105.5	38	27	27	M22*1.5

HTC-4250 推拉式液压快速接头 (碳钢)

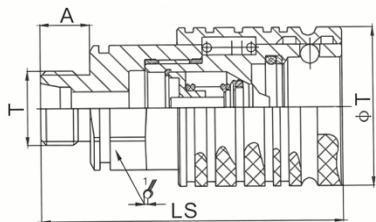
HTC-4250 PUSHAND PULL TYPE HYDRAULIC QUICK COUPLING(STEEL)



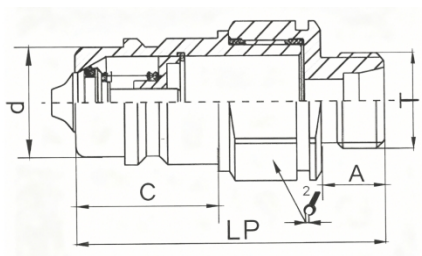
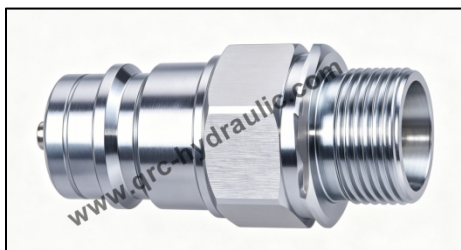
两端开闭式

Socket with valve Plug with valve

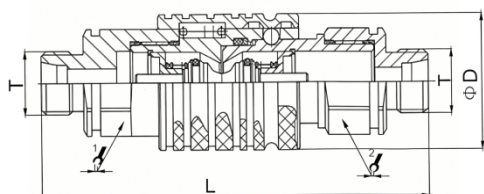
母插座 (Socket)



公插头 (Plug)



连接器装配/Coupling Fitting



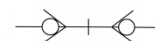
ISO	PART NO.	LS	ΦD	1/2"	A	T
12.5	HTC-4250-04SM8L	73.5	38	27	12	M14*1.5
12.5	HTC-4250-04SM10L	73.5	38	27	12	M16*1.5
12.5	HTC-4250-04SM12L	73.5	38	27	12	M18*1.5
12.5	HTC-4250-04SM15L	75.5	38	27	14	M22*1.5
12.5	HTC-4250-04SM18L	75.5	38	27	14	M26*1.5
12.5	HTC-4250-04SM10S	73.5	38	27	12	M18*1.5
12.5	HTC-4250-04SM12S	73.5	38	27	12	M20*1.5
12.5	HTC-4250-04SM14S	75.5	38	27	14	M22*1.5
12.5	HTC-4250-04SM16S	75.5	38	27	14	M24*1.5
12.5	HTC-4250-04SM20S	77.5	38	30	16	M30*2

ISO	PART NO.	LP	d	C	1/2"	A	T
12.5	HTC-4250-04PM8L	58.5	20.5	27	27	12	M14*1.5
12.5	HTC-4250-04PM10L	58.5	20.5	27	27	12	M16*1.5
12.5	HTC-4250-04PM12L	58.5	20.5	27	27	12	M18*1.5
12.5	HTC-4250-04PM15L	60.5	20.5	27	27	14	M22*1.5
12.5	HTC-4250-04PM18L	60.5	20.5	27	27	14	M26*1.5
12.5	HTC-4250-04PM10S	58.5	20.5	27	27	12	M18*1.5
12.5	HTC-4250-04PM12S	58.5	20.5	27	27	12	M20*1.5
12.5	HTC-4250-04PM14S	60.5	20.5	27	27	14	M22*1.5
12.5	HTC-4250-04PM16S	60.5	20.5	27	27	14	M24*1.5
12.5	HTC-4250-04PM20S	62.5	20.5	27	30	16	M30*2

ISO	PART NO.	L	ΦD	1/2"	3/4"	T
12.5	HTC-4250-04-8L	109.5	38	27	27	M14*1.5
12.5	HTC-4250-04-10L	109.5	38	27	27	M16*1.5
12.5	HTC-4250-04-12L	109.5	38	27	27	M18*1.5
12.5	HTC-4250-04-15L	113.5	38	27	27	M22*1.5
12.5	HTC-4250-04-18L	113.5	38	27	27	M26*1.5
12.5	HTC-4250-04-10S	109.5	38	27	27	M18*1.5
12.5	HTC-4250-04-12S	109.5	38	27	27	M20*1.5
12.5	HTC-4250-04-14S	113.5	38	27	27	M22*1.5
12.5	HTC-4250-04-16S	113.5	38	27	27	M24*1.5
12.5	HTC-4250-04-20S	115.5	38	30	30	M30*2

HTC-4250C 推拉式液压快速接头 (碳钢)

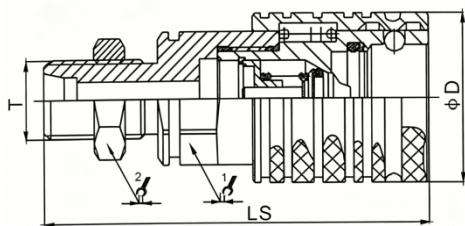
HTC-4250C PUSHAND PULL TYPE HYDRAULIC QUICK COUPLING(STEEL)



两端开闭式

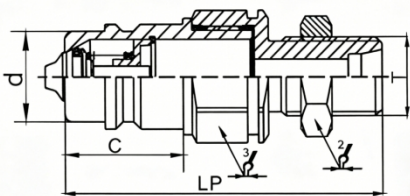
Socket with valve Plug with valve

母插座 (Socket)



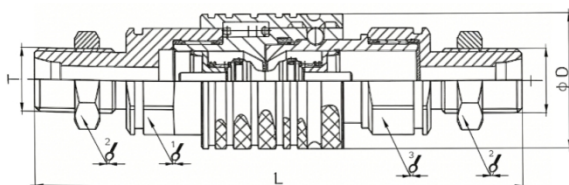
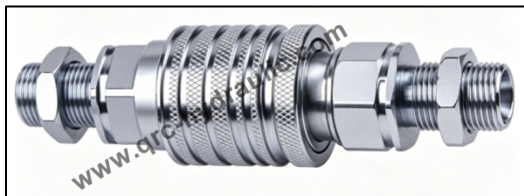
ISO	PART NO.	LS	ΦD	1	2	T
12.5	HTC-4250C-04SM8L	87	38	27	19	M14*1.5
12.5	HTC-4250C-04SM10L	87	38	27	24	M16*1.5
12.5	HTC-4250C-04SM12L	87	38	27	24	M18*1.5
12.5	HTC-4250C-04SM15L	89	38	27	27	M22*1.5
12.5	HTC-4250C-04SM18L	89	38	27	30	M26*1.5
12.5	HTC-4250C-04SM10S	87	38	27	24	M18*1.5
12.5	HTC-4250C-04SM12S	87	38	27	27	M20*1.5
12.5	HTC-4250C-04SM14S	89	38	27	27	M22*1.5
12.5	HTC-4250C-04SM16S	89	38	27	30	M24*1.5
12.5	HTC-4250C-04SM20S	96	38	30	36	M30*2

公插头 (Plug)



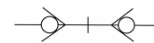
ISO	PART NO.	LP	d	C	2	3	T
12.5	HTC-4250C-04PM8L	72	20.5	27	19	27	M14*1.5
12.5	HTC-4250C-04PM10L	72	20.5	27	24	27	M16*1.5
12.5	HTC-4250C-04PM12L	72	20.5	27	24	27	M18*1.5
12.5	HTC-4250C-04PM15L	74	20.5	27	27	27	M22*1.5
12.5	HTC-4250C-04PM18L	74	20.5	27	30	27	M26*1.5
12.5	HTC-4250C-04PM10S	72	20.5	27	24	27	M18*1.5
12.5	HTC-4250C-04PM12S	72	20.5	27	27	27	M20*1.5
12.5	HTC-4250C-04PM14S	74	20.5	27	27	27	M22*1.5
12.5	HTC-4250C-04PM16S	74	20.5	27	30	27	M24*1.5
12.5	HTC-4250C-04PM20S	81	20.5	27	36	30	M30*2

连接器装配/Coupling Fitting



ISO	PART NO.	L	ΦD	1	2	3	T
12.5	HTC-4250C-04-8L	137.5	38	27	19	27	M14*1.5
12.5	HTC-4250C-04-10L	137.5	38	27	24	27	M16*1.5
12.5	HTC-4250C-04-12L	137.5	38	27	24	27	M18*1.5
12.5	HTC-4250C-04-15L	143.5	38	27	27	27	M22*1.5
12.5	HTC-4250C-04-18L	143.5	38	27	30	27	M26*1.5
12.5	HTC-4250C-04-10S	137.5	38	27	24	27	M18*1.5
12.5	HTC-4250C-04-12S	137.5	38	27	27	27	M20*1.5
12.5	HTC-4250C-04-14S	137.5	38	27	27	27	M22*1.5
12.5	HTC-4250C-04-16S	143.5	38	27	30	27	M24*1.5
12.5	HTC-4250C-04-20S	145.5	38	30	36	30	M30*2

HTC-PPK 可带压对接母接头 (适配 1/2 英寸 HTC-PPK 标准公插头)



两端开闭式

HTC-PPK Connect under pressure female couplings (Connects to 1/2" HTC-PPK male probes)

Socket with valve Plug with valve



应用

HTC-PPK 系列母接头专为农业行业设计，采用推拉式操作结构，支持带压对接功能；该接头可借助卡簧槽实现面板安装，也可适配油路块集成安装。

Applications

Series HTC-PPK female couplings are designed primarily for the agricultural industry and incorporate a push-pull design with connect under pressure feature. The coupling can be either panel mounted using circlip grooves or manifold mounted.

特征

- 材质为碳钢，表面三价铬电镀处理；配备丁腈橡胶密封件，接头本体分短款、长款两种规格可选。
- 管路内部存有残余压力时仍可完成对接（仅公插头端支持此功能）。
- 可与标准 HTC-PPK 1/2 英寸公接头匹配对接（产品遵循 ISO 7241:2014 A 系列标准制造）。
- 分离解锁防护结构，可在遭遇意外拉扯分离拉力时，保护接头与液压软管不被损坏。
- 钢珠锁紧机构，实现快速插拔连接。
- 支持双向流体通流。

Features

- Carbon steel with trivalent plating, Fitted with Nitrile seals, Available with either a short or long body.
- Can be connected with residual pressure in the line (male side only).
- Can be connected with standard HTC-PPK 1/2" male couplings (Made to the ISO 7241:2014 Series A Standard).
- Release mechanism protects coupling and hose from damage in event of accidental separating force.
- Locking ball system allows quick connection.
- Bidirectional flow.

技术规范

阀体规格	HTC-PPK12
	公制参数 (压力单位: bar, 流量单位: LPM)
	英制参数 (压力单位: PSI, 流量单位: GPM)
对接锁合状态最大工作压力	300
	4350
对接锁合状态爆破压力	1000
	14500
母接头单体爆破压力	1000
	14500
额定流量	45
	12

Specifications

Body Size	HTC-PPK12
	Pressure in bar - Flow in LPM
	Pressure in PSI - Flow in GPM
Maximum working pressure (Coupled)	300
	4350
Burst pressure (Coupled)	1000
	14500
Burst pressure (Female)	1000
	14500
Rated flow	45
	12

HTC-PPK 可带压对接母接头 (适配 1/2 英寸 HTC-PPK 标准公插头)



两端开闭式

HTC-PPK Connect under pressure female couplings (Connects to 1/2" HTC-PPK male probes)

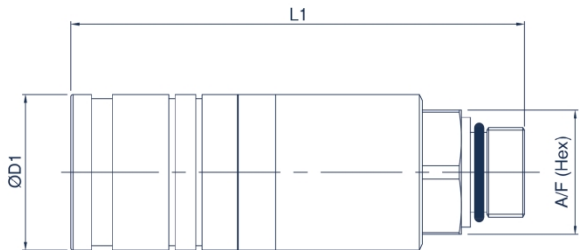
Socket with valve

Plug with valve

母插头 (Female plugs)

标配红色 PVC 护套，可根据需求定制其他颜色。

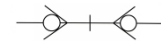
Standard colour is red pvc, other colours available upon request.



Body Size	Part Number	Thread Size	D1(inch)		L1(mm)		A/F(inch)	
12 (1/2)	HTC-PPK12-F-08G	1/2 BSPP	38.0	1.50	107.0	4.21	27.0	1.06
	HTC-PPK12-F-08N	1/2 NPTF	38.0	1.50	107.0	4.21	27.0	1.06
	HTC-PPK12-F-M22X1.5M	M22×1.5	38.0	1.50	99.0	3.90	32.0	1.26
	HTC-PPK12-F-M22X1.5M-L	M22×1.5	38.0	1.50	111.0	4.37	32.0	1.26

HTC-NV 钢球式液压快速接头(碳钢)

HTC-NV BALL VALVES TYPE HYDRAULIC QUICK COUPLING(STEEL)



两端开闭式

Socket with valve Plug with valve



特征

- 接头断开时，阀芯自动闭合，防止泄漏。
- 接头连接后，阀芯自动开启，在额定工作范围内，始终保持流体的畅通。
- 阀采用坚硬的铬合金钢球。钢球被弹簧加载以使采用牢固的固定在阀座处。
- 阀提供铜球与内锥面之间的金属对金属密封。
- 关键部件经过感应淬火，所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和公插头采用实心的棒料精密制造。
- 本接头符合 ISO5675 标准。
- 并与下列产品互换：美国派克(PARKER)4000 系列、意大利快事达(FASTER)NV/NS 系列。

Features

- Poppet valves available to prevent uncoupled leakage.
- Ball valves available for rugged dependability in heavy-duty hydraulic applications within rated working pressure.
- Hard,chrome alloy ball's are used for valving,It be loaded on the valve seat by the springs.
- The valve provides a metal-to-metal seal between the ball and coined seat.
- Critical parts are hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- HTC-NV series conforms to the standard of ISO5675.
- Compatible with PARKER 4000 Series and FASTER NV/NS Series.

应用

HTC-NV 系列广泛应用于各种工业用途，主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

Applications

The HTC-NV Series brings to the industry a proven design for use on construction equipment, forestry Equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

技术规范

规格 (英寸)	1/4	3/8	1/2	3/4	1
额定压力 (PSI)	5000	4000	4000	3000	3000
额定流量 (GPM)	3	6	12	28	50
温度范围 (标准密封圈)	-20°C至 + 120°C				
标准密封圈材料为丁腈橡胶 NBR					

Specifications

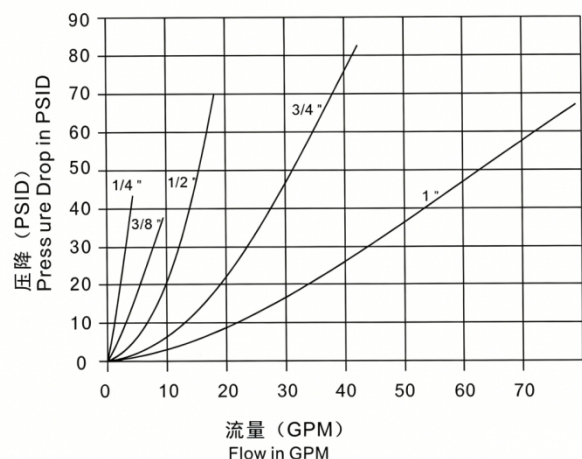
Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(PSI)	5000	4000	4000	3000	3000
Rated Flow(GPM)	3	6	12	28	50
Temperature Range(std seals)	-20°C to +120°C				
Standard seal material is NBR					

Performance (性能)

HTC-NV 系列 (1/4", 3/8", 1/2", 3/4", 1")

HTC-NV Series (1/4", 3/8", 1/2", 3/4", 1")

测试流体: 油 - 200SUS (Test Fluid: Oil-200SUS)



1GPM=3.78L/Min 1PSID=0.0069MPa

HTC-NV 钢球式液压快速接头(碳钢)

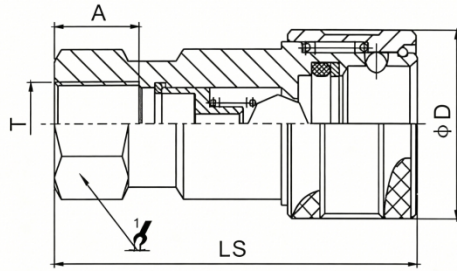
HTC-NV BALL VALVES TYPE HYDRAULIC QUICK COUPLING(STEEL)

母插座(Socket)

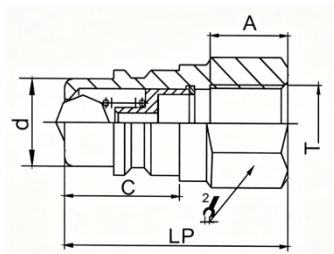


两端开闭式

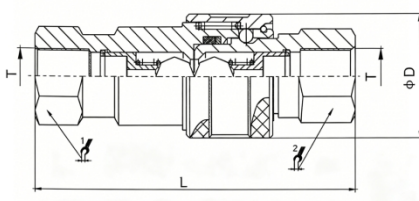
Socket with valve Plug with valve



公插头(Plug)



连接器装配/Coupling Fitting



ISO	PART NO.	LS	ΦD	1	A	T
6.3	HTC-NV-02SF	53.5	27.6	19	12.5	G1/4 NPT1/4
10	HTC-NV-03SF	63	34	24	13	G3/8 NPT3/8
12.5	HTC-NV-04SF	66.3	38.6	27	16	G1/2 NPT1/2
20	HTC-NV-06SF	82.5	48.2	34	19	G3/4 NPT3/4
20	HTC-NV-06SF	83.5	47.5	35	18	G3/4 NPT3/4
25	HTC-NV-08SF	96.5	56	41	21	G1 NPT1

- ◆ Note: HTC-NV-06SF 与快事达(Faster)互换, Faster interchange
 HTC-NV-06SF(E)与派克(Parker)互换, Parker interchange

ISO	PART NO.	LP	d	C	2	A	T
6.3	HTC-NV-02PF	36	14.2	18.5	19	12.5	G1/4 NPT1/4
10	HTC-NV-03PF	40	19	22	24	13	G3/8 NPT3/8
12.5	HTC-NV-04PF	43.5	20.5	27	27	16	G1/2 NPT1/2
20	HTC-NV-06PF	53.5	28	32	34	19	G3/4 NPT3/4
20	HTC-NV-06PF (E)	51	26.9	28.5	33.3	18	G3/4 NPT3/4
25	HTC-NV-08PF	63	31.3	38	41	21	G1 NPT1

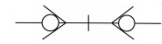
- ◆ Note: HTC-NV-06PF 与快事达(Faster)互换, Faster interchange
 HTC-NV-06PF(E)与派克(Parker)互换, Parker interchange

ISO	PART NO.	L	ΦD	1	2	T
6.3	HTC-NV-02	72.2	27.6	19	19	G1/4 NPT1/4
10	HTC-NV-03	82.6	34	24	24	G3/8 NPT3/8
12.5	HTC-NV-04	87.8	38.6	27	27	G1/2 NPT1/2
20	HTC-NV-06	107.8	48.2	34	34	G3/4 NPT3/4
20	HTC-NV-06(E)	102	47.5	35	33.5	G3/4 NPT3/4
25	HTC-NV-08	126.8	56	41	41	G1 NPT1

- ◆ Note: HTC-NV-06 与快事达(Faster)互换, Faster interchange
 HTC-NV-06(E)与派克(Parker)互换, Parker interchange

HTC-FF 平面式液压快速接头(碳钢) (新)

HTC-FF FLAT FACE TYPE HYDRAULIC QUICK COUPLING(STEEL) (NEW)



两端开闭式

Socket with valve Plug with valve



特征

- 新型阀的设计，能抵抗高速流体与脉冲压力的冲击，提供更高的性能。
- 套筒锁紧机构通过连接后旋转套筒而啮合。在使用期间沿地面拖动接头时，套锁机构能防止意外断开。
- 套锁机构的设计有助于防止杂物进入内部机构从而在连接或断开时引起误操作。套筒覆盖挡圈并且在弹簧区域包含了防尘密封件。
- 淬火处理的公插头和套筒以及实心棒状结构造就优质阴接头，能最大限度的抵抗由于液压和机械冲击所造成的剥蚀及损坏。
- 这种抗爆裂 BFT 密封圈设计用于防止在危险工作状况下出现爆裂或损坏。
- 耐用球锁机械保证每次都能可靠连接。数个锁定钢球均匀分配工作负载，同时提供对准及旋转动作从而减小软管扭曲并延长软管使用期。警告：这类产品不能用作旋转阳接头，在压力下旋转会导致过度而过早磨损。
- HTC-FF 系列接头在连接及断开时使用平齐阀机构操作。这意味着阀之间的接合能使断开时只损失少量流体，或在重新连接时只混入少量空气。
- 采用新工艺环保镀锌，提供更高的防锈性能。
- HTC-FF 接头符合 ISO16028 标准。
- 并与下列产品互换：美国派克 (PARKER) FEM 系列、意大利意图奇 (STUCCHI) FIRG 系列、美国爱力克 (AEROQUIP) FD89 系列、美国汉森 (HANSEN) FF 系列。

Features

- New valve design resists, it can resistance damage from high flow and the pressure of impulse that providing advanced performance.
- Sleeve locking mechanism is engaged by rotating sleeve after connection. It prevents accidental disconnection when the coupling is dragged along the ground.
- Sleeve mechanism is designed to help prevent dirt from entering the internal mechanism and thus causing faulty operation when connecting or disconnecting. The sleeve covers the retaining ring and also incorporates a dust seal in the spring area.
- Steel construction, zinc plated, hardened nipples and sleeves and solid barstock construction for maximum resistance to damage from hydraulic and mechanical shock.
- This Anti-Blowout Nitrile/PTFE bonded seal is designed to prevent blow-out or damage during severe service conditions.
- Durable ball-locking mechanism assures reliable connections, every time. A large number of locking balls distributes the workload evenly while providing alignment and swiveling action to reduce hose torque and prolong hose life. CAUTION: These products are not to be used as swivels. Rotation under pressure will result in excessive and premature wear.
- HTC-FF Series couplings employ flush valving when connecting or disconnecting. This means that the valves are mated together so that only small amounts of fluid can be lost during disconnection or air inclusion during reconnection.
- New chrome plating treatment provides advanced anti-rust performance.
- HTC-FF series conforms to standard of ISO16028
- Compatible with PARKER FEM Series, STUCCHI FIRG Series, AEROQUIP FD89 Series and HANSEN FF Series.

应用

HTC-FF 系列接头广泛用于以下公用设施：液压油泄漏会构成严重的安全险情，尤其对于高压电源输送线维护的架空斗式超重机械。这类接头还用于建筑、铁路维护及矿业中的渡压机具之快速切换，易于清理使之能理想地用于这类特殊环境。

Applications

HTC-FF Series couplings are widely used in the public utility market where hydraulic oil spillage can constitute a serious safety hazard, particularly in overhead bucket hoists that are used for maintenance of high-voltage power transmission lines. These couplings are also used for quick change of hydraulic tools in construction, railway maintenance and mining industries. The ease of cleaning makes them ideal for use in these types of hostile environments.

规格 (英寸)	1/4(02)	3/8(03)	1/2(04)	5/8(06)	3/4(08)	1(10)	1-1/2(12)	2(16)
额定压力 (PSI)	5000	5000	5000	5000	5000	5000	3000	3000
额定流量 (GPM)	3	6	12	20	28	50	80	100
温度范围	-20°C至+120°C							
溢流量 (ML) (断开时的最大数值)	0.006	0.012	0.02	0.026	0.032	0.035	0.05	0.1

标准密封圈材料为丁腈橡胶 NBR

Specifications

Body Size(in)	1/4(02)	3/8(03)	1/2(04)	5/8(06)	3/4(08)	1(10)	1-1/2(12)	2(16)
Rated Pressure(PSI)	5000	5000	5000	5000	5000	5000	3000	3000
Rated Flow(GPM)	3	6	12	20	28	50	80	100
Temperature Range	-20°C to +120°C							
Spillage(ML) (max .per disconnect)	0.006	0.012	0.02	0.026	0.032	0.035	0.05	0.1

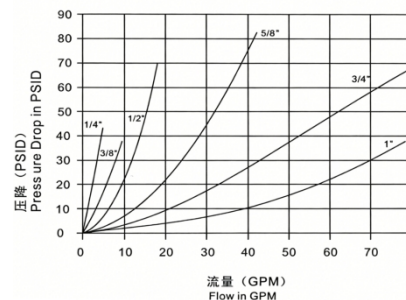
Standard seal material is NBR

Performance (性能)

HTC-FF 系列: (1/4", 3/8", 1/2", 5/8", 3/4", 1")

HTC-FF Series : (1/4", 3/8", 1/2", 5/8", 3/4", 1")

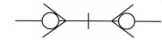
测试流体: 油—200SUS (Test Fluid: Oil-200SUS)



1GPM=3.78L/Min 1PSID=0.0069MPa

HTC-FF 平面式液压快速接头(碳钢) (新)

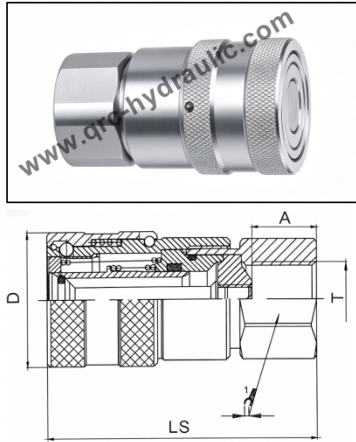
HTC-FF FLAT FACE TYPE HYDRAULIC QUICK COUPLING(STEEL) (NEW)



两端开闭式

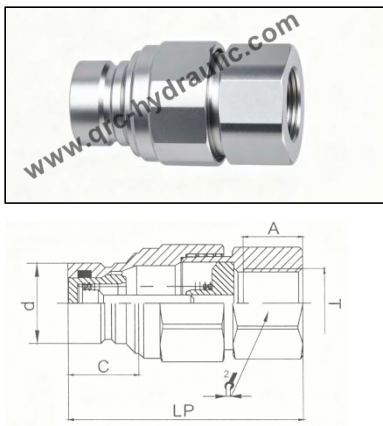
Socket with valve Plug with valve

母插座 (Socket)



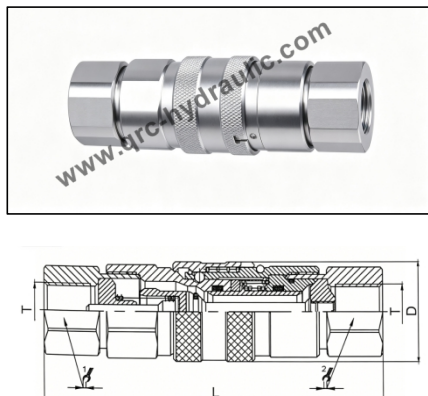
ISO	PART NO.	LS	D	1/2	A	T
6.3	HTC-FF-02SF	58.2	Φ28	S20 六角	14	G1/4 NPT1/4
10	HTC-FF-03SF	68.2	Φ32	S24 六角	14	G3/8 NPT3/8
10	HTC-FF-03SF	72.2	Φ32	S27 六角	18	G1/2 NPT1/2
12.5	HTC-FF-04SF	75	Φ38	S32 六角	18	G1/2 NPT1/2
12.5	HTC-FF-04SF	79	Φ38	S36 六角	22	G3/4 NPT3/4
16	HTC-FF-06SF	80	Φ42	S36 六角	22	G3/4 NPT3/4
19	HTC-FF-08SF	99.8	Φ48	S41 六角	22	G3/4 NPT3/4
19	HTC-FF-08SF	99.8	Φ48	S41 六角	23.5	G1 NPT1
25	HTC-FF-10SF	111.5	Φ56	S55 六角	24	G1-1/4 NPT1-1/4
-	HTC-FF-12SF	150	Φ79.5	S65 六角	30	G1-1/2 NPT1-1/2
-	HTC-FF-16SF	167	Φ98.5	S85 六角	31	G2 NPT2

公插头 (Plug)



ISO	PART NO.	LP	d	C	2/2	A	T
6.3	HTC-FF-02PF	49.2	16.1	15.2	S20 六角	14	G1/4 NPT1/4
10	HTC-FF-03PF	55.8	19.7	19.5	S24 六角	14	G3/8 NPT3/8
10	HTC-FF-03PF	59.8	19.7	19.5	S27 六角	18	G1/2 NPT1/2
12.5	HTC-FF-04PF	72	24.5	21.6	S32 六角	18	G1/2 NPT1/2
12.5	HTC-FF-04PF	76	24.5	21.6	S36 六角	22	G3/4 NPT3/4
16	HTC-FF-06PF	75.5	27	21.6	S36 六角	22	G3/4 NPT3/4
19	HTC-FF-08PF	93.8	30	29	S41 六角	22	G3/4 NPT3/4
19	HTC-FF-08PF	93.8	30	29	S41 六角	23.5	G1 NPT1
25	HTC-FF-10PF	90	36	34	S55 六角	24	G1-1/4 NPT1-1/4
-	HTC-FF-12PF	112	57	38	S65 六角	30	G1-1/2 NPT1-1/2
-	HTC-FF-16PF	123.9	73	40.5	S75 六角	31	G2 NPT2

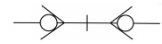
连接器装配/Coupling Fitting



ISO	PART NO.	L	D	1/2	2/2	T
6.3	HTC-FF-02	96.2	Φ28	S20 六角	S20 六角	G1/4 NPT1/4
10	HTC-FF-03	108.4	Φ32	S24 六角	S24 六角	G3/8 NPT3/8
10	HTC-FF-03	116.4	Φ32	S27 六角	S27 六角	G1/2 NPT1/2
12.5	HTC-FF-04	129.3	Φ38	S32 六角	S32 六角	G1/2 NPT1/2
12.5	HTC-FF-04	137.3	Φ38	S36 六角	S36 六角	G3/4 NPT3/4
16	HTC-FF-06	138	Φ42	S36 六角	S36 六角	G3/4 NPT3/4
19	HTC-FF-08	172.1	Φ48	S41 六角	S41 六角	G3/4 NPT3/4
19	HTC-FF-08	172.1	Φ48	S41 六角	S41 六角	G1 NPT1
25	HTC-FF-10	178	Φ56	S55 六角	S55 六角	G1-1/4 NPT1-1/4
-	HTC-FF-12	233.4	Φ79.5	S65 六角	S65 六角	G1-1/2 NPT1-1/2
-	HTC-FF-16	251.7	Φ98.5	S85 六角	S75 六角	G2 NPT2

HTC-FFH 平面式液压快速接头(碳钢) (新)

HTC-FFH FLAT FACE TYPE HYDRAULIC QUICK COUPLING(STEEL) (NEW)



两端开闭式

Socket with valve Plug with valve



特征

- 新型阀的设计，能抵抗高速流体与脉冲压力的冲击，提供更高的性能。
- 套筒锁紧机构通过连接后旋转套筒而啮合。在使用期间沿地面拖动接头时，套筒机构能防止意外断开。
- 套筒机构的设计有助于防止杂物进入内部机构从而在连接或断开时引起误操作。套筒覆盖挡圈并且在弹簧区域包含了防尘密封件。
- 淬火处理的插头和套筒以及实心棒状结构造就优质阴接头，能最大限度的抵抗由于液压和机械冲击所造成的剥蚀及损坏。
- 这种抗爆裂 BFT 密封圈设计用于防止在危险工作状况下出现爆裂或损坏。
- 耐用球锁机械保证每次都能可靠连接。数个锁定钢球均匀分配工作负载，同时提供对准及旋转动作从而减小软管扭曲并延长软管使用期。警告：这类产品不能用作旋转阳接头，在压力下旋转会导致过度和过早磨损。
- HTC-FFH 系列接头在连接及断开时使用平齐阀机构操作。这意味着阀之间的接合能使断开时只损失少量流体，或在重新连接时只混入少量空气。
- 采用新工艺环保镀锌，提供更高的防锈性能。
- HTC-FFH 接头符合 ISO16028 标准。
- 并与下列产品互换：美国派克（PARKER）FEM 系列、意大利意图奇（STUCCHI）FIRG 系列、美国爱力克（AEROQUIP）FD89 系列、美国汉森（HANSEN）FF 系列。

Features

- New valve design resists, it can resistance damage from high flow and the pressure of impulse that providing advanced performance.
- Sleeve locking mechanism is engaged by rotating sleeve after connection. It prevents accidental disconnection when the coupling is dragged along the ground.
- Sleeve mechanism is designed to help prevent dirt from entering the internal mechanism and thus causing faulty operation when connecting or disconnecting. The sleeve covers the retaining ring and also incorporates a dust seal in the spring area.
- Steel construction, zinc plated, hardened nipples and sleeves and solid barstock construction for maximum resistance to damage from hydraulic and mechanical shock.
- This Anti-Blowout Nitrile/PTFE bonded seal is designed to prevent blow-out or damage during severe service conditions.
- Durable ball-locking mechanism assures reliable connections, every time. A large number of locking balls distributes the workload evenly while providing alignment and swiveling action to reduce hose torque and prolong hose life. CAUTION: These products are not to be used as swivels. Rotation under pressure will result in excessive and premature wear.
- HTC-FFH Series couplings employ flush valving when connecting or disconnecting. This means that the valves are mated together so that only small amounts of fluid can be lost during disconnection or air inclusion during reconnection.
- New chrome plating treatment provides advanced anti-rust performance.
- HTC-FFH series conforms to standard of ISO16028
- Compatible with PARKER FEM Series, STUCCHI FIRG Series, AEROQUIP FD89 Series and HANSEN FF Series.

应用

HTC-FFH 系列接头广泛用于以下公用设施：液压油泄漏会构成严重的安全险情，尤其对于高压电源输送线维护的架空斗式超母重机。这类接头还用于建筑、铁路维护及矿业中的液压机具之快速切换，易于清理使之能理想地用于这类特殊环境。

Applications

HTC-FFH Series couplings are widely used in the public utility market where hydraulic oil spillage can constitute a serious safety hazard, particularly in overhead bucket hoists that are used for maintenance of high-voltage power transmission lines. These couplings are also used for quick change of hydraulic Tools in construction, railway maintenance and mining industries. The ease of cleaning makes them ideal for use in these types of hostile environments.

规格 (英寸)	1/4(02)	3/8(03)	1/2(04)	5/8(06)	3/4(08)	1(10)	1-1/2(12)	2(16)
额定压力 (PSI)	5000	5000	5000	5000	5000	5000	3000	3000
额定流量 (GPM)	3	6	12	20	28	50	80	100
温度范围	-20°C至+120°C							
溢流量 (ML) (断开时的最大数值)	0.006	0.012	0.02	0.026	0.032	0.035	0.05	0.1

标准密封圈材料为丁腈橡胶 NBR

Specifications

Body Size(in)	1/4(02)	3/8(03)	1/2(04)	5/8(06)	3/4(08)	1(10)	1-1/2(12)	2(16)
Rated Pressure(PSI)	5000	5000	5000	5000	5000	5000	3000	3000
Rated Flow(GPM)	3	6	12	20	28	50	80	100
Temperature Range	-20°C to +120°C							
Spillage(ML) (max .per disconnect)	0.006	0.012	0.02	0.026	0.032	0.035	0.05	0.1

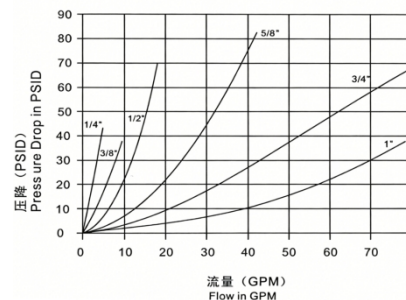
Standard seal material is NBR

Performance (性能)

HTC-FFH 系列: (1/4", 3/8", 1/2", 5/8", 3/4", 1")

HTC-FFH Series : (1/4", 3/8", 1/2", 5/8", 3/4", 1")

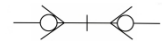
测试流体: 油—200SUS (Test Fluid: Oil-200SUS)



1GPM=3.78L/Min 1PSID=0.0069MPa

HTC-FFH 平面式液压快速接头(碳钢) (新)

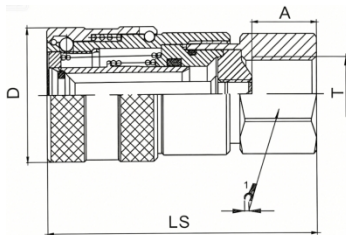
HTC-FFH FLAT FACE TYPE HYDRAULIC QUICK COUPLING(STEEL) (NEW)



两端开闭式

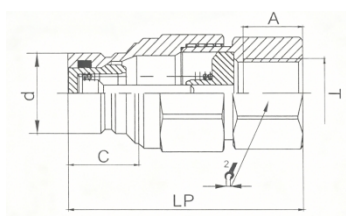
Socket with valve Plug with valve

母插座 (Socket)



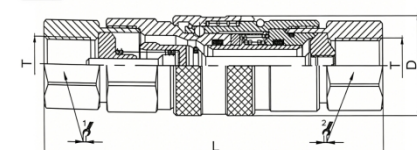
ISO	PART NO.	LS	D	$\frac{1}{2}$	A	T
6.3	HTC-FFH-02SF	54.6	Φ28	S27	14	G1/4 NPT1/4
10	HTC-FFH-03SF	68.8	Φ32	S30	14	G3/8 NPT3/8
12.5	HTC-FFH-04SF	72.1	Φ38	S36	18	G1/2 NPT1/2
16	HTC-FFH-06SF	80.3	Φ42	S41	22	G3/4 NPT3/4
19	HTC-FFH-08SF	98.6	Φ48	S46	23.5	G1 NPT1

公插头 (Plug)

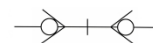


ISO	PART NO.	LP	d	c	$\frac{2}{2}$	A	T
6.3	HTC-FFH-02PF	54	16.1	15.2	S22	14	G1/4 NPT1/4
10	HTC-FFH-03PF	53	19.7	19.5	S27	14	G3/8 NPT3/8
12.5	HTC-FFH-04PF	75	19.7	19.5	S36	18	G1/2 NPT1/2
16	HTC-FFH-06PF	75	24.5	21.6	S36	22	G3/4 NPT3/4
19	HTC-FFH-08PF	91	30	29	S46	23.5	G1 NPT1

连接器装配/Coupling Fitting



ISO	PART NO.	L	D	$\frac{1}{2}$	$\frac{2}{2}$	T
6.3	HTC-FFH-02	97.1	Φ28	S27	S22	G1/4 NPT1/4
10	HTC-FFH-03	105.7	Φ32	S30	S27	G3/8 NPT3/8
12.5	HTC-FFH-04	130.1	Φ38	S36	S36	G1/2 NPT1/2
16	HTC-FFH-06	138.2	Φ42	S41	S36	G3/4 NPT3/4
19	HTC-FFH-08	168.3	Φ48	S46	S46	G1 NPT1



应用

移动式工程设备 (挖掘机、车辆、液压设备、钻机。

Applications

Portable construction equipments(excavators)、vehicles、hydraulic equipments、drilling machines.

技术规范

规格 (英寸)	1/4 (02)	3/8 (03)	1/2 (04)	3/4 (08)	1 (10)
额定压力 (PSI)	5000	4350	4350	3625	3000
额定流量 (GPM)	3	6	12	50	80
温度范围 (标准密封圈)	-20°C至 + 120°C				
标准密封圈材料为丁腈橡胶 NBR					

Specifications

Body Size(in)	1/4 (02)	3/8 (03)	1/2 (04)	3/4 (08)	1 (10)
Rated Pressure(PSI)	5000	4350	4350	3625	3000
Rated Flow(GPM)	3	6	12	50	80
Temperature Range (std seals)		-20℃至 + 120℃			
Standard seal material is NBR					

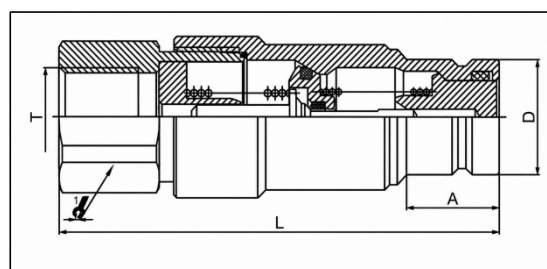
PART NO	T	D	A	1/4	L
HTC-FFI-02PF	G1/4	Φ16.7	11.8	S20 六角	76.7
HTC-FFI-03PF	G3/8	Φ19.75	16.5	S24 六角	78.1
HTC-FFI-04PF	G1/2	Φ24.54	17.8	S32 六角	95.8
HTC-FFI-08PF	G1	Φ29.95	23.5	S46 六角	113.9
HTC-FFI-10PF	G1-1/4	Φ36	23.4	S55 六角	123.7

特征

- 新型阀的设计, 能抵抗高速流体与脉冲压力的冲击, 提供更高的性能。
- 采用实心钢棒料加工制造, 所以耐用性好。
- 独特的三阀设计系统, 使其内部残存压力下能够连接。
- 采用新型环保镍锌合金, 提供更高的防锈性能。
- 并于下列产品互换: ISO16028 标准。

Features

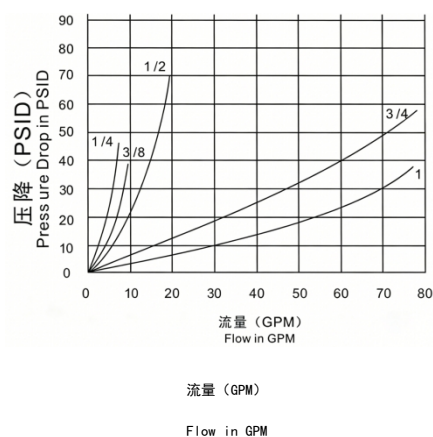
- New valve design, it can resistance damage from high flow and the pressure of impulse that providing advanced performance
- Machined from solid steel barstock for durability
- Special three valves design system, it can connect under residual pressure.
- New zinc nickel surface treatment provide advanced anti-rust performance.
- ISO 16028 standard

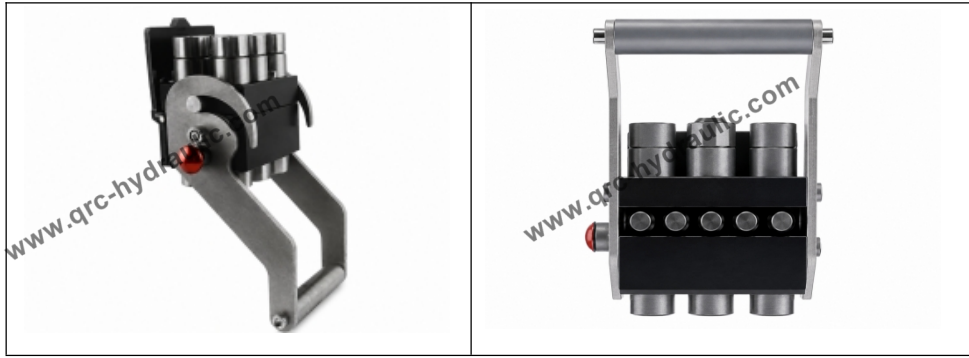


Performance (性能)

测试流体: 油 - 20#SUS

Test Fluid: Oil-20#SUS





使用方法

对接:

- 在连接之前应当清洁连接面, 以避免夹杂杂质污染管路。
- 对准时将移动部分的定位销插入固定部分的定位孔。
- 操作手柄转动并向下。
- 继续旋转直至完全锁闭预备工作状态。
- 现在接合就处于连接预备状态, 仅在对接时手柄行程的最初三分之一需要最大对抗力。

拆解:

- 按下红色安全按钮, 同时向上提起手柄。
- 继续旋转直到机械停止位。
- 现在组合板是分开状态, 移动部分可以拿开。
- 当固定部分在上, 间隔板在下, 间隔板安装时, 移动部分有保护装置, 避免它掉下来造成损害。
- 如果管路暂时存在残存压力, 仅在拆卸时手柄行程的最初三分之一需要最大对抗力。

技术规范

规格 (英寸)	3/8	1/2
额定压力 (PSI)	4350	4350
额定流量 (GPM)	6	12
温度范围 (标准密封圈)	-20°C至 + 120°C	
标准密封圈材料为丁腈橡胶 NBR		

Specifications

Body Size(in)	1/2
Rated Pressure(PSI)	3000
Rated Flow(GPM)	50
Temperature Range (std seals)	-20°C至 + 120°C
Standard seal material is NBR	

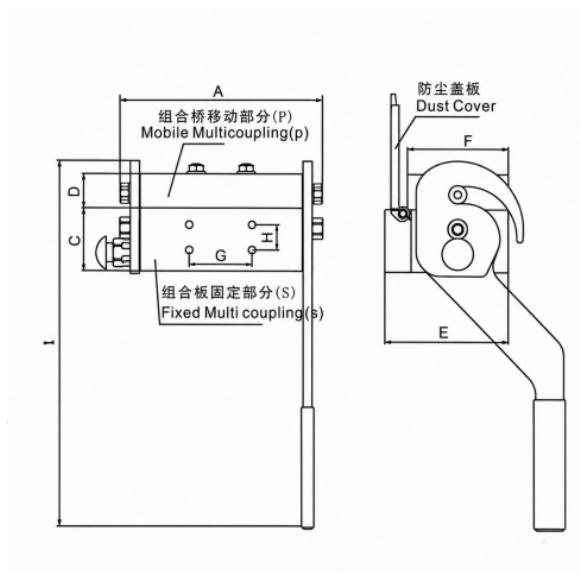
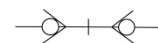
HOW TO USE:

TO CONNECT:

- Before to couple clean the flat mating surface of the couplings to avoid the inclusion of dirty in the circuit.
- Insert the guidance pins of the fixed multicoupling in the holes of the fixed multicoupling and move them until they fill contact of the couplings faces (fig.1).
- Acting on the handle turn the lever in the direction of the fixed multicoupling (fig.2).
- Continue to rotate until the safety lock automatically engage itself (fig.3).
- Now the multicoupling is coupled and ready to work.
- In case of existing residual pressure in the circuit, the maximum force is required only for the first third of the connection.

TO DISCONNECT:

- Push the red safety button, at the same time acting on the handle turn the lever in the direction of the multicoupling (fig.4).
- Continue to rotate till the mechanical stop of the mobile half (fig.5).
- Now the fixed multicoupling is uncoupled and it is possible to pull out the mobile half (fig.6).
- When the fixed multicoupling is mounted upside in order to avoid it fall down causing damage.
- In case of existing residual pressure in the circuit, the maximum force is required only for the first third of the disconnection.

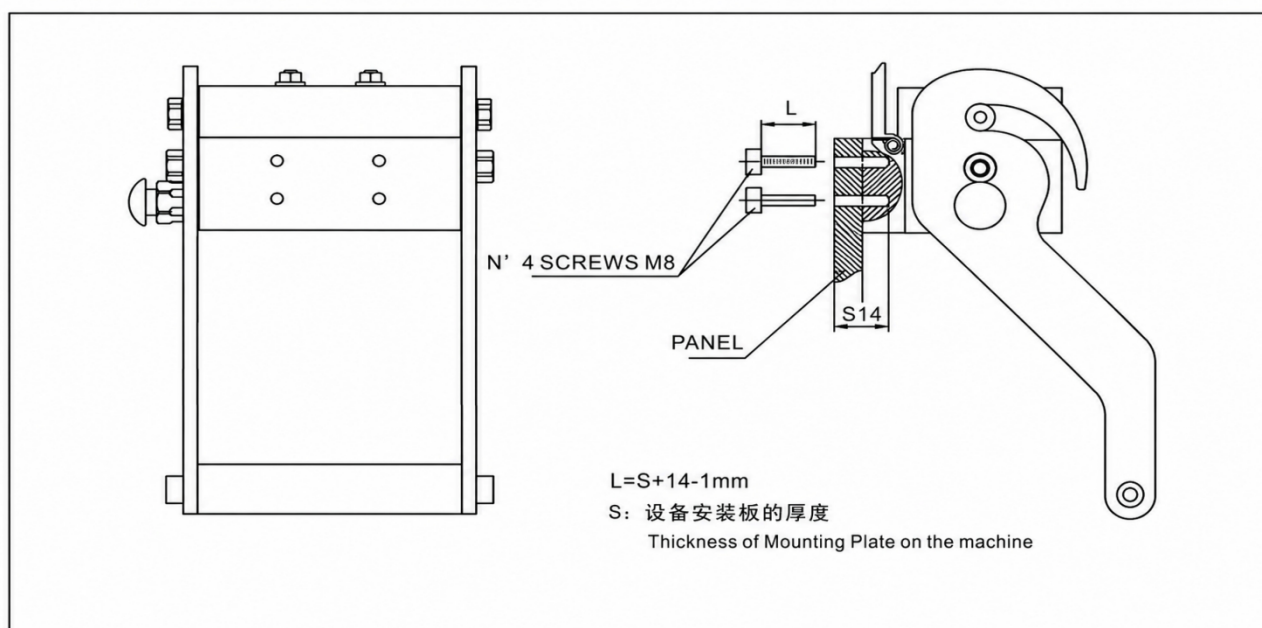


SIZ	DL PART NO	A	B	C	D	E	F	G	H
6*1/2(12.5)	HTC-DL6-04	179.5	255	55	30	110	90.4	50	30
4*1/2(12.5)	HTC-DL4-04	135.3	255	55	30	110	90.4	50	30
2*1/2(12.5)	HTC-DL2-04	123	255	55	30	110	90.4	47.3	30
6*3/8(10)	HTC-DL6-03	160.5	255	55	30	110	86.5	84.8	28
4*3/8(10)	HTC-DL4-03	123	255	55	30	110	88.5	47.3	28
2*3/8(10)	HTC-DL2-03	123	255	55	30	110	88.5	47.3	28

安装 INSTALLATION:

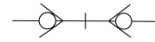
将固定部分通过螺纹孔固定在设备上，示图如下。

Fix the fixed multicoupling on the machine using holes indicated as showed in the drawing below.



HTC-VEP 平面螺纹锁紧式液压快速接头 (碳钢)(新)

HTC-VEP FLAT FACE THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING (STEEL)(NEW)



两端开闭带压操作式

Socket with valve Plug with valve
Connect under pressure

特征

- 新型阀的设计, 能抵抗高速流体与脉冲压力的冲击, 提供更高的性能。
- 公头设计带压操作, 使其在内部残存高压下也能实现带压连接。
- HTC-VEP 系列阴头上采用螺纹套筒锁定结构, 与公插头上对应的外螺纹配套使用。连接时公母部分必须通过螺纹旋紧方式结合在一起。采用新型环保镀锌, 提供更高的防锈性能。
- HTC-VEP 系列接头在连接及断开时使用平齐阀机构操作。这意味着两者之间的接合能使断开时只损失少量流体, 或重新连接使之混入少量空气。抗爆裂 BT 型密封设计用于防止在危险工作状态下出现爆裂或损坏。
- 采用实心钢棒料加工制造, 所以耐用性好。并与下列产品互换: 意图 STUCCHI VEP 系列

Features

- New valve design, it can resistance damage from high flow and the pressure of impulse that providing advanced performance
- Self-threaded design for connecting under pressure allows connections and disconnection with high residual pressures
- The HTC-VEP series employs a threaded sleeve locking mechanism that matches the external male thread on plug. New chrome plating treatment provides advanced anti-rust performance
- HTC-VEP series couplings employ flush valving mechanism when connecting or disconnecting. This means only small amounts of fluid can be lost that small amount of air inclusion during reconnection.
- This Anti-Blowout BT fitting is designed to prevent blow-out or damage during severe service
- Machined from solid steel barstock for durability
- Compatible with STUCCHI VEP Series

应用

HTC-VEP 系列接头广泛应用于以下公用设施:

移动式工程设备

液压工具

车辆

Applications

HTC-VEP series are widely used in below public equipments:

Portable construction equipments

Hydraulic tools

Vehicles

技术规范

规格 (英寸)	1/2 (04)	5/8(06)	3/4(08)	1(10)	1-1/2(12)
额定压力 (PSI)	7000	7000	7000	6000	5000
额定流量 (GPM)	12	28	50	88	152
温度范围 (标准密封圈)		-20°C至 + 120°C			
标准密封圈材料为丁腈橡胶 NBR					

Specifications

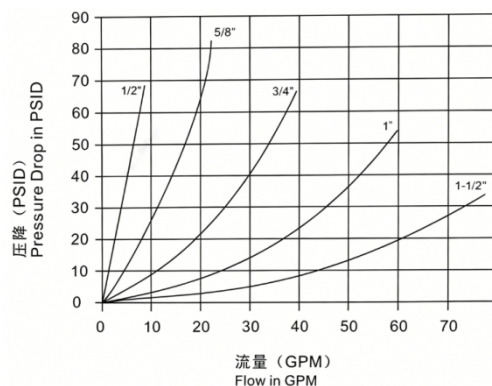
Body Size(in)	1/2 (04)	5/8(06)	3/4(08)	1(10)	1-1/2(12)
Rated Pressure(PSI)	7000	7000	7000	6000	5000
Rated Flow(GPM)	12	28	50	88	152
Temperature Range (std seals)			-20℃至 + 120℃		
Standard seal material is NBR					

Performance (性能)

HTC-VEP 系列 (1/2", 5/8", 3/4", 1", 1-1/4")

HTC-VEP Series (1/2", 5/8", 3/4", 1", 1-1/4")

测试流体: 油 - 200SUS (Test Fluid: Oil-200SUS)



1 GPM=3.78 L/Min 1 PSID=0.0069 MPa

HTC-VEP 平面螺纹锁紧式液压快速接头 (碳钢)(新)

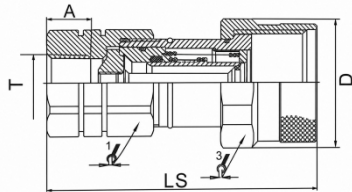


两端开闭带压操作式

HTC-VEP FLAT FACE THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING (STEEL)(NEW)

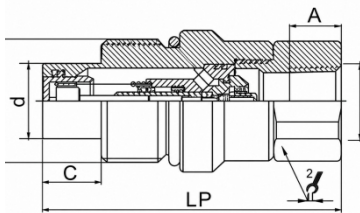
Socket with valve Plug with valve
Connect under pressure

母插座 (Socket)



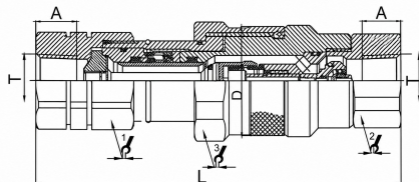
ISO	PART NO.	LS	D	1	3	A	T
13	HTC-VEP-04SF	103.5	Φ49	S36 六角	S46 六角	16.5	G1/2 NPT1/2
16	HTC-VEP-06SF	114	Φ53.7	S41 六角	S50 六角	20	G3/4 NPT3/4
19	HTC-VEP-08SF	133.5	Φ58.8	S46 六角	S55 六角	21	G1 NPT1
25	HTC-VEP-10SF	154.2	Φ68.7	S55 六角	S65 六角	21	G1/4 NPT1-1/4
31.5	HTC-VEP-12SF	187.5	Φ92	S65 六角	S85 六角	21	G1-1/2 NPT1-1/2

公插头 (Plug)



ISO	PART NO.	LS	C	d	E	2	A	T
13	HTC-VEP-04PF	95	18	24.54	M40*3	S36 六角	16.5	G1/2 NPT1/2
16	HTC-VEP-06PF	98.8	19.5	27.04	M45*3	S36 六角	20	G3/4 NPT3/4
19	HTC-VEP-08PF	113.9	24	29.95	M50*3	S46 六角	21	G1 NPT1
25	HTC-VEP-10PF	123.5	24.8	36.05	M58*3	S55 六角	21	G1/4 NPT1-1/4
31.5	HTC-VEP-12PF	150	31.5	57	Tr80*3	S65 六角	21	G1-1/2 NPT1-1/2

连接器装配/Coupling Fitting



ISO	PART NO.	L	D	1	2	3	T
13	HTC-VEP-04	154.5	Φ49	S36 六角	S46 六角	S38 六角	G1/2 NPT1/2
16	HTC-VEP-06	164.3	Φ53.7	S41 六角	S50 六角	S36 六角	G3/4 NPT3/4
19	HTC-VEP-08	189.4	Φ58.8	S46 六角	S55 六角	S46 六角	G1 NPT1
25	HTC-VEP-10	207.2	Φ68.7	S55 六角	S65 六角	S55 六角	G1/4 NPT1-1/4
31.5	HTC-VEP-12	263.5	Φ92	S65 六角	S85 六角	S65 六角	G1-1/2 NPT1-1/2



特征

- 采用实心钢棒加工制造，所以耐用性好。
- KZE-B 列阴接头采用螺纹套筒锁定结构，与母插座上的相应的外螺纹配套使用。连接时公母两部分必须通过螺纹手拧方式结合在一起。
- 阀采用强硬的铬合金钢球，钢球被弹簧加载以便阀牢固的固定在阀座处。
- 阀提供钢球与内槽之间的金属对金属密封。
- 接头密封件为聚氨酯胶材料，能抵抗高压下挤出。并与下列产品互换：美国派克 (PARKER) 3000 系列、意大利快事达 (FASTER) PVVM 系列。

Features

- Machined from solid steel barstock for durability.
- The KZE-B Series employs a threaded sleeve locking mechanism, mates with matching male threads on the nipple. The two halves are connected manually threaded together for connection.
- Hard chrome alloy balls are used for valving. They are spring loaded for positive seating of the valve ball and conical seat.
- The valve provides a metal-to-metal seal between the ball and conical seat.
- The interface seal is polyurethane which resists high pressure extrusion.
- Compatible with PARKER 3000 Series and FASTER PVVM Series.

应用

带螺纹锁定球型单向阀的 KZE-B 系列接头设计用于极高压应用，例如便携式液压千斤顶。

Applications

KZE-B Series couplings with threaded union locking system and internal ball-type check valves, are designed for extreme high pressure applications such as portable hydraulic jacks.

技术规范

规格 (英寸)	1/4	3/8
额定压力 (PSI)	10000	
额定流量 (GPM)	3	6
温度范围 (标准密封圈)	-20°C至 + 120°C	
标准密封圈材料为丁腈橡胶 NBR		

Specifications

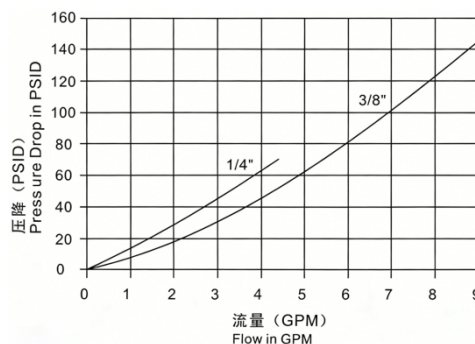
Body Size(in)	1/4	3/8
Rated Pressure(PSI)	10000	
Rated Flow(GPM)	3	6
Temperature Range (std seals)	-20°Cto + 120°C	
Standard seal material is NBR		

Performance (性能)

KZE-B 系列 (1/4"、3/8")

KZE-B series (1/4"、3/8")

测试流体: 油 - 20SUS (Test Fluid: Oil-20SUS)



1 GPM=3.78 L/Min 1 PSID=0.0069 MPa

KZE-B 螺纹锁紧式液压快速接头 (碳钢)

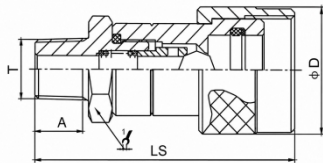


两端开闭式

KZE-B THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING (STEEL)

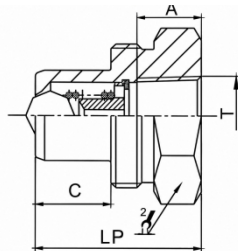
Socket with valve Plug with valve

母插座 (Socket)



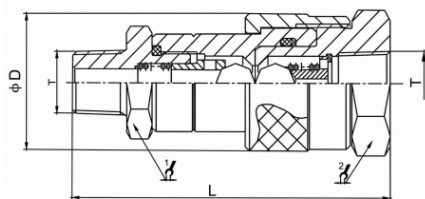
PART NO.	LS	ϕD		A	T
KZE-B-02SM	60.8	28.5	22	13.5	NPT1/4
KZE-B-03SM	73.5	35	25	14.4	NPT3/8

公插头 (Plug)

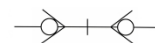


PART NO.	LP	C		A	T
KZE-B-02PF	32.5	11.2	19	13	NPT1/4
KZE-B-03PF	35	16	32	13.5	NPT3/8

连接器装配/Coupling Fitting



PART NO.	L	ϕD			T
KZE-B-02	74.5	28.5	22	19	NPT1/4
KZE-B-03	83.5	35	25	32	NPT3/8



特征

- 新型阀的设计，能抵抗高速流体与脉冲压力的冲击，提供更高的性能。
- 采用实心钢棒料加工制造，所以耐用性好。
- HTC-SP 系列阴接头上采用螺纹套筒锁定结构，与母插座上的相应的外螺纹配套使用。连接时公母两部分必须通过螺纹手动方式结合在一起。
- 采用新工艺环保镀锌，提供更高的防锈性能。
- 互换兼容：法国格路梅尔 (GROMMELLE) 6000 系列、英国亨利佰利 (HOLMBURY) TGW 系列。

Features

- New valve design, it can resistance damage from high fluid and the pressure of impulses that providing advanced performance.
- Machined from solid steel barstock for durability.
- The HTC-SP Series employs a threaded sleeve locking mechanism, mates with matching male threads on the nipple. The two halves must be manually threaded together for connection.
- New chrome plating treatment provides advanced anti-rust performance.
- Compatible with GROMMELLE 6000 Series and HOLMBURY TGW Series.

应用

移动式设备，农业机械和通用工业设备。

Applications

Mobile equipment, agriculture machine and universal industrial equipment

技术规范

规格 (英寸)	1/4	3/8	1/2	3/4	1
额定压力 (PSI)	10000	10000	10000	8500	6000
额定流量 (GPM)	3	6	12	28	50
温度范围 (标准密封圈)	-20°C至 + 120°C				

标准密封圈材料为丁腈橡胶 NBR

Specifications

Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(PSI)	10000	10000	10000	8500	6000
Rated Flow(GPM)	3	6	12	28	50
Temperature Range (std seals)	-20°C至 + 120°C				

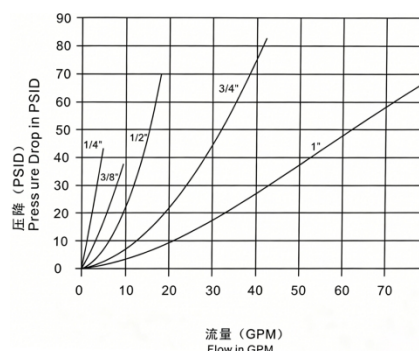
Standard seal material is NBR

Performance (性能)

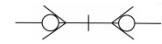
HTC-SP 系列 (1/4"、3/8"、1/2"、3/4"、1")

HTC-SP Series (1/4"、3/8"、1/2"、3/4"、1")

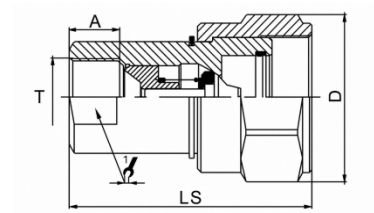
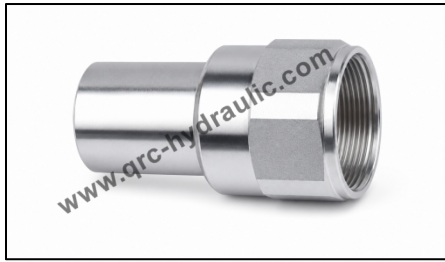
测试流体：油 - 20SUS (Test Fluid: Oil-200SUS)



1 GPM=3.78 L/Min 1 PSID=0.0069 MPa

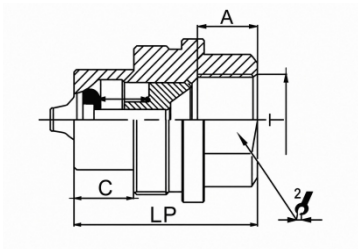


母插座 (Socket)



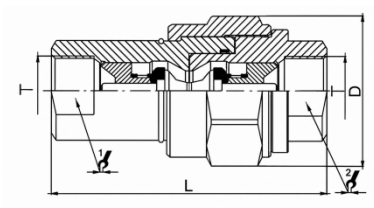
PART NO.	LS	D	1/2	A	T
HTC-SP-02SF	58.9	S32 六角	S19 对边	13	G1/4 NPT1/4
HTC-SP-03SF	66.5	S36 六角	S22 对边	16	G3/8 NPT3/8
HTC-SP-04SF	76.5	S41 六角	S27 对边	18	G1/2 NPT1/2
HTC-SP-06SF	89.5	S50 六角	S35 对边	20.5	G3/4 NPT3/4
HTC-SP-08SF	105.5	S65 六角	S41 对边	20.5	G1 NPT1

公插头 (Plug)

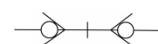


PART NO.	LP	C	2/2	A	T
HTC-SP-02PF	36	12.5	S19 对边	13	G1/4 NPT1/4
HTC-SP-03PF	40.5	16	S22 对边	16	G3/8 NPT3/8
HTC-SP-04PF	49	17	S27 对边	18	G1/2 NPT1/2
HTC-SP-06PF	56	19	S35 对边	20.5	G3/4 NPT3/4
HTC-SP-08PF	66	22	S41 对边	20.5	G1 NPT1

连接器装配/Coupling Fitting



PART NO.	L	D	1/2	2/2	T
HTC-SP-02	72.3	S32 六角	S19 对边	S19 对边	G1/4 NPT1/4
HTC-SP-03	81.5	S36 六角	S22 对边	S22 对边	G3/8 NPT3/8
HTC-SP-04	98.3	S41 六角	S27 对边	S27 对边	G1/2 NPT1/2
HTC-SP-06	112.4	S50 六角	S35 对边	S35 对边	G3/4 NPT3/4
HTC-SP-08	132.9	S65 六角	S41 对边	S41 对边	G1 NPT1



特征

- 新型阀的设计，能抵抗高速流体与脉冲压力的冲击，提供更高的性能。
- 采用实心钢棒料加工制造，所以耐用性好。
- HTC-VVS 系列阴接头上采用螺纹套筒锁定结构，与母体插座上的相应的外螺纹配套使用。连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 采用新型环保镀锌，提供更高的防锈性能。
- 并于下列产品互换：意大利快事达(FASTER) VVS 系列。

Features

- New valve design, it can resistance damage from high flow and the pressure of impulse that providing advanced performance.
- Machined from solid steel barstock for durability.
- The HTC-VVS series employs a threaded sleeve locking mechanism, mates with matching male threads on the nipple. The two halves must be manually threaded together form connection.
- New chrome plating treatment provides advanced anti-rust performance.
- Compatible with FASTER VVS series.

应用

移动式设备，农业机械和通用工业设备。

Applications

Mobile equipment, agriculture machine and universal industrial equipment.

技术规范

规格 (英寸)	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
额定压力 (PSI)	10000	10000	10000	10000	7500	6500	5000	5000
额定流量 (GPM)	2	4.5	8	12	24	35	75	200
温度范围 (标准密封圈)	-20°C至+120°C							
标准密封圈材料为丁腈橡胶 NBR								

Specifications

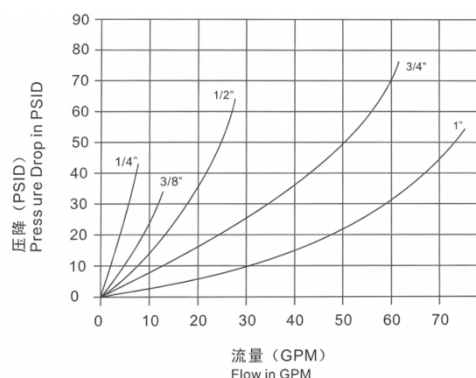
Body Size(in)	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
Rated Pressure(PSI)	10000	10000	10000	10000	7500	6500	5000	5000
Rated Flow(GPM)	2	4.5	8	12	24	35	75	200
Temperature Range(std seals)	-20°C to +120°C							
Standard seal material is NBR								

Performance (性能)

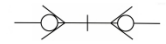
HTC-VVS 系列 (1/4", 3/8", 1/2", 3/4", 1")

HTC-VVS Series (1/4", 3/8", 1/2", 3/4", 1")

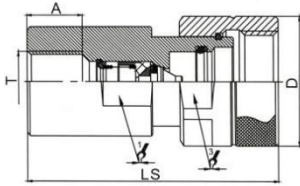
测试流体：油-200SUS (Test Fluid: Oil-200SUS)



1 GPM=3.78 L/Min 1 PSID=0.0069 MPa

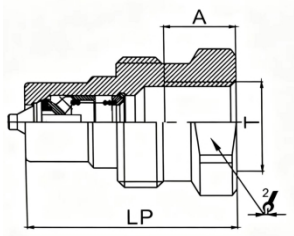


母插座(Socket)



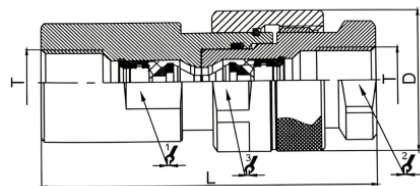
PART NO.	LS	D	1	3	A	T
HTC-VVS-02SF	68	Φ30	23 对边	27 六角	16	G1/4 NPT1/4
HTC-VVS-03SF	75.6	Φ39.7	30 对边	36 六角	14.5	G3/8 NPT3/8
HTC-VVS-04SF	86.4	Φ45	34 对边	41 六角	19	G1/2 NPT1/2
HTC-VVS-06SF	105.5	Φ53.8	41 对边	50 六角	23	G3/4 NPT3/4
HTC-VVS-08SF	123	Φ58.8	50 对边	55 六角	23	G1 NPT1
HTC-VVS-10SF	152.5	Φ78.5	65 对边	75 六角	26	G1-1/4 NPT1-1/4
HTC-VVS-12SF	172	Φ98	75 对边	90 六角	27	G1-1/2 NPT1-1/2
HTC-VVS-16SF	206.5	Φ129	100 对边	125 对边	27	G2 NPT2

公插头(Plug)

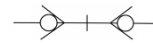


PART NO.	LP	2	A	T
HTC-VVS-02PF	43	25 六角	13	G1/4 NPT1/4
HTC-VVS-03PF	48	32 六角	16	G3/8 NPT3/8
HTC-VVS-04PF	53	34 六角	18	G1/2 NPT1/2
HTC-VVS-06PF	63	46 六角	21	G3/4 NPT3/4
HTC-VVS-08PF	72	50 对边	23	G1 NPT1
HTC-VVS-10PF	86	65 对边	26	G1-1/4 NPT1-1/4
HTC-VVS-12PF	95	80 对边	27	G1-1/2 NPT1-1/2
HTC-VVS-16PF	118	110 对边	27	G2 NPT2

连接器装配/Coupling Fitting



PART NO.	L	D	1	2	3	T
HTC-VVS-02	84.2	Φ30	23 对边	25 六角	27 六角	G1/4 NPT1/4
HTC-VVS-03	89.5	Φ39.7	30 对边	32 六角	36 六角	G3/8 NPT3/8
HTC-VVS-04	102.2	Φ45	34 对边	34 六角	41 六角	G1/2 NPT1/2
HTC-VVS-06	121.2	Φ53.8	41 对边	46 六角	50 六角	G3/4 NPT3/4
HTC-VVS-08	138.5	Φ58.8	50 对边	50 对边	55 六角	G1 NPT1
HTC-VVS-10	167.5	Φ78.5	65 对边	65 对边	75 六角	G1-1/4 NPT1-1/4
HTC-VVS-12	188	Φ98	75 对边	80 对边	90 六角	G1-1/2 NPT1-1/2
HTC-VVS-16	227.4	Φ129	100 对边	110 对边	125 对边	G2 NPT2



PART NO.	T	1	2	D	L	LS	LP
HTC-75-06	G3/4	S31.8 对边	S31.8 对边	77	123.5	71.8	83.2
HTC-75-08	G1	S41.3 对边	S41.3 对边	105	153	87.3	105.8
HTC-75-10	G1-1/4	S50.8 对边	S50.8 对边	116	197.8	113	136.8
HTC-75-12	G1-1/2	S57 对边	S57 对边	145	219.6	127	151.2
HTC-75-16	G2	S74 对边	S74 对边	170	255	154.5	179

特征

- 锥面截止阀，ACME 连接螺纹。
- 采用实心钢棒料加工制造，所以耐用性好。
- 螺纹旋紧连接，螺纹旋松断开，可带残压连接。
- 采用新型环保镀锌，提供更高的防锈性能。
- 螺纹阀挡圈提供阀止挡，保证阀能可靠对中。
- 并于下列产品互换：意大利快事达（FASTER）OGV 系列、意图其（STUCCHI）VOF 系列。

Features

- Robust sleeve design, poppet valve and ACME connection thread.
- Machined from solid steel barstock for durability.
- Tighten the screw to connect, loosen the screw to disconnect, it can be connected with residual pressure.
- New chrome plating treatment provides advanced anti-rust performance.
- A threaded valve retainer provides a valve stop that assures positive valve alignment.
- Compatible with FASTER OGV series, STUCCHI VOF series.

应用

HTC-75 可与其他市场产品互换使用，主要应用于石油天然气行业的螺纹连接标准快速接头。

Applications

HTC-75 screw to connect couplings for oil & gas application.

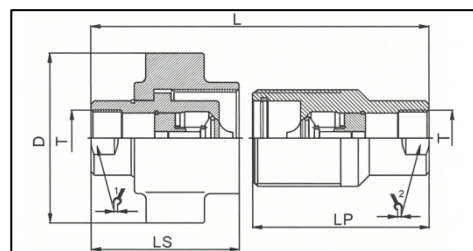
Market interchange standard screw to connect coupling suitable for Oil & Gas applications.

技术规范

规格 (英寸)	3/4	1	1-1/4	1-1/2	2
额定压力 (PSI)	5000	5000	5000	5000	5000
额定流量 (GPM)	50	74	127	185	264
温度范围 (标准密封圈)	-30°C 至 +120°C				
标准密封圈材料为丁腈橡胶					
NBR					

Specifications

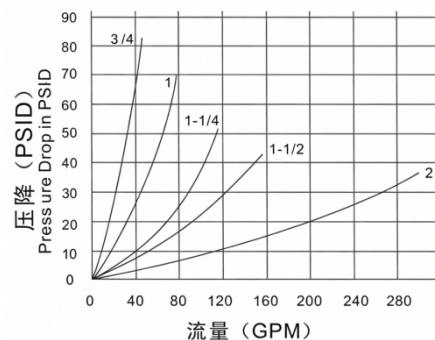
Body Size(in)	3/4	1	1-1/4	1-1/2	2
Rated Pressure(PSI)	5000	5000	5000	5000	5000
Rated Flow(GPM)	32	60	88	100	264
Temperature Range(std seals)	-30°C to +120°C				
Standard seal material NBR					



Performance (性能)

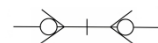
测试流体: 油-200SUS

Test Fluid: Oil-200SUS



1 GPM=3.75 L/Min; 1 PSID=0.0069 MPa

HTC-CVE 螺纹式液压快速接头 (碳钢)



两端开闭式

HTC-CVE THREAD TYPE HYDRAULIC QUICK COUPLING (STEEL)

Socket with valve Plug with valve



应用

HTC-CVE 专为自卸车, 营运车, 农用机械和建筑机械移动式设备而设计的。

Applications

HTC-CVE can widely used on dump tracks, Buses, Agricultural machinery and mobile construction equipment.

技术规范

规格 (英寸)	3/4	1"
额定压力 (PSI)	4000	3000
额定流量 (GPM)	25	50
温度范围 (标准密封圈)	-20°C至 + 120°C	
标准密封圈材料为丁腈橡胶 NBR		

Specifications

Body Size(in)	3/4	1"
Rated Pressure(PSI)	4000	3000
Rated Flow(GPM)	25	50
Temperature Range (std seals)	-20℃至 + 120℃	
Standard seal material is NBR		

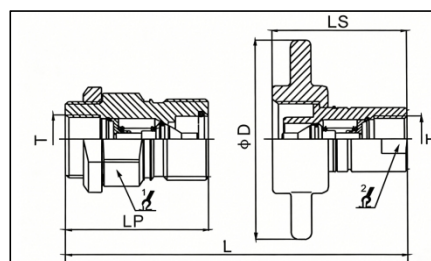
PART NO	T	ΦD	1/2	3/4	L	LS	LP
HTC-CVE-06	G3/4	115.4	46	33	132.5	78	78
HTC-CVE-08	G1	115.4	55	40	145	83	83

特征

- HTC-CVE 快速接头采用螺纹连接, 母接头带碟型螺母套筒, 使操作者在存有残留的情况下也能手动连接。
- 并与下列互换: 意大利快事达 (FASTER) CVE 系列, 英国亨佰利 (HOLMBURY) VCR 系列

Features

- HTC-CVE is a thread-to-connect coupling, socket with wing nut can operate by manual with left over pressure.
- Compatible with FASTER CVE series, HOLMBURY VCR series.

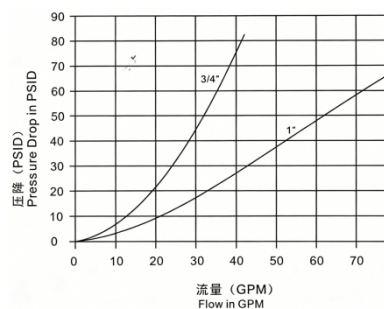


Performance (性能)

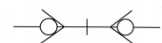
HTC-CVE 系列 (3/4", 1")

HTC-CVE Series 系列 (3/4", 1")

测试流体: 油 - 20#SUS (Test Fluid: Oil-20#SUS)



1 GPM=3.78 L/Min 1 PSID=0.0069 MPa



应用

HTC-CVV 系列接头应用于移动式工程设备 (挖掘机、车辆、液压设备、钻机。)

Applications

HTC-CVV THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING (STEEL)(NEW)

特征

- 新型阀的设计, 能抵抗高速流体与脉冲压力的冲击, 提供更高的性能。
- 采用实心钢棒料加工制造, 所以耐用性好。
- HTC-CVV 系列阴接头上采用螺纹套筒锁定结构, 与母体插面上的相应的外螺纹配套使用。
- 连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 采用新型环保镀锌, 提高高度防锈性能。
- 螺纹挡圈提供阀止挡, 保证阀能牢靠对中。并于下列产品互换: 意大利快事达 (FASTER) CVV 系列、意图 VD 系列。

Features

- New valve design, it resistance damage from high flow and the pressure of impulse that providing advanced performance.
- Machined from solid steel stock for durability.
- The HTC-CVV series employs a threaded sleeve locking mechanism, matches with matching male threads on the coupler. The two halves must be manually threaded together for connection.
- New chrome plating treatment provides advanced anti-rust performance.
- A threaded valve retainer provides a valve stop that assures positive valve alignment.
- Compatible with FASTER CVV Series、STUCCHI VD Series.

技术规范

规格 (英寸)	1/4	3/8	1/2	3/4	1
额定压力 (PSI)	5000	5000	5000	4500	4500
额定流量 (GPM)	3	6	12	28	50
温度范围 (标准密封圈)	-20°C至 + 120°C				
标准密封圈材料为丁腈橡胶 NBR					

Specifications

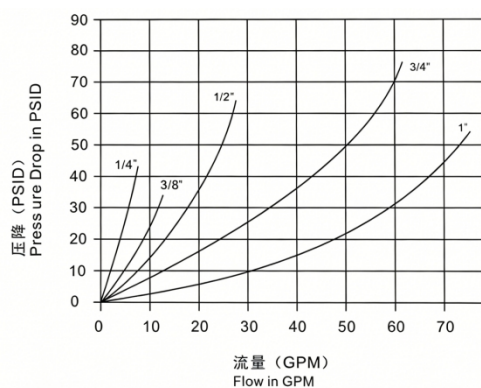
Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(PSI)	5000	5000	5000	4500	4500
Rated Flow(GPM)	3	6	12	28	50
Temperature Range (std seals)		-20℃至 + 120℃			
Standard seal material is NBR					

Performance (性能)

HTC-CVV 系列 (1/4", 3/8", 1/2", 3/4", 1")

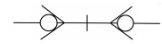
HTC-CVV series (1/4", 3/8", 1/2", 3/4", 1")

测试流体: 油 - 20SUS (Test Fluid: Oil-200SUS)



1 GPM=3.78 L/Min 1 PSID=0.0069 MPa

HTC-CVV 螺纹锁紧式液压快速接头 (碳钢)(新)

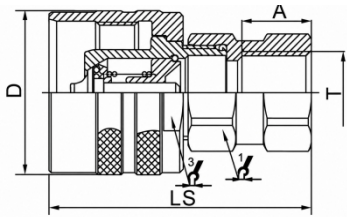


两端开闭式

HTC-CVV THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING (STEEL)(NEW)

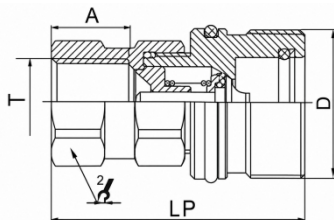
Socket with valve Plug with valve

母插座 (Socket)



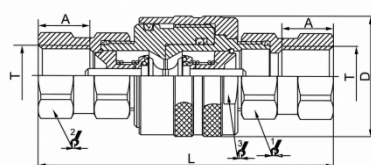
PART NO.	LS	D	1/2	3/4	A	T
HTC-CVV-02SF	58.6	Φ34	S19 六角	S30 对边	13	G1/4 NPT1/4
HTC-CVV-03SF	60.8	Φ34	S22 六角	S30 对边	13	G3/8 NPT3/8
HTC-CVV-04SF	67.7	Φ42	S27 六角	S36 对边	18	G1/2 NPT1/2
HTC-CVV-06SF	73.5	Φ48	S36 六角	S41 对边	18	G3/4 NPT3/4
HTC-CVV-08SF	94.5	Φ56.5	S41 六角	S51 对边	24.5	G1 NPT1

公插头 (Plug)

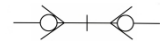


PART NO.	LP	d	2/2	A	T
HTC-CVV-02PF	60	M24*2	S19 六角	13	G1/4 NPT1/4
HTC-CVV-03PF	55.3	M28*2	S22 六角	13	G3/8 NPT3/8
HTC-CVV-04PF	61.5	M36*2	S27 六角	18	G1/2 NPT1/2
HTC-CVV-06PF	83.5	M42*2	S36 六角	18	G3/4 NPT3/4
HTC-CVV-08PF	94.5	M48*2	S41 六角	24.5	G1 NPT1

连接器装配/Coupling Fitting



PART NO.	L	D	1/2	2/2	3/4	T
HTC-CVV-02	92.6	Φ34	S19 六角	S19 六角	S30 对边	G1/4 NPT1/4
HTC-CVV-03	89.9	Φ34	S22 六角	S22 六角	S30 对边	G3/8 NPT3/8
HTC-CVV-04	103	Φ42	S27 六角	S27 六角	S36 对边	G1/2 NPT1/2
HTC-CVV-06	125	Φ48	S36 六角	S36 六角	S41 对边	G3/4 NPT3/4
HTC-CVV-08	155	Φ56.5	S41 六角	S41 六角	S51 对边	G1 NPT1



特征

- 新型阀的设计，能抵抗高速流体与脉冲压力的冲击，提供更高的性能。
- 特殊平面密封设计确保连接和断开时无流体泄漏。
- 采用实心钢棒料加工制造，所以耐用性好。
- HTC-RH 系列母接头上采用螺纹套筒锁定结构，与公插座上的相应的外螺纹配套使用。
- 连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 允许任何一端带有最大 10MPa 残压下连接与断开。
- 采用新型环保镀锌电镀，提供更高的防锈性能。
- 螺纹阀挡圈提供阀止挡，保证阀能牢靠对中并于下列产品互换：意图奇 VR 系列、沃斯温克 RK 系列。

Features

- New valve design, it can resistance damage from high flow and the pressure of impulse that providing advanced performance
- Special flush-face valve avoid spillage during connection and disconnection.
- Machined from solid steel barstock for durability
- The HTC-RH series employs a threaded sleeve locking mechanism, mates with matching male threads on the coupler. The two halves must be manually threaded together form connection.
- It can connect or disconnect with residual pressure up to 10MPa from both end.
- New zinc nickel plating treatment provides advanced anti-rust performance.
- A threaded valve retainer provides a valve stop that assures positive valve alignment.
- Compatible with Stucchi VR Series、Voswinkel RK Series

应用

特种车辆及各种无泄漏的液压应用。

Applications

Special vehicles and varieties of non-leakage of hydraulic applications.

技术规范

规格	RK08	RK12	RK16	RK20	RK25
额定压力 (PSI)	6090	6090	6090	6090	6090
额定流量 (GPM)	6	12	28	50	76
温度范围 (标准密封圈)		-30℃至+120℃			
标准密封圈材料为丁腈橡胶 NBR					

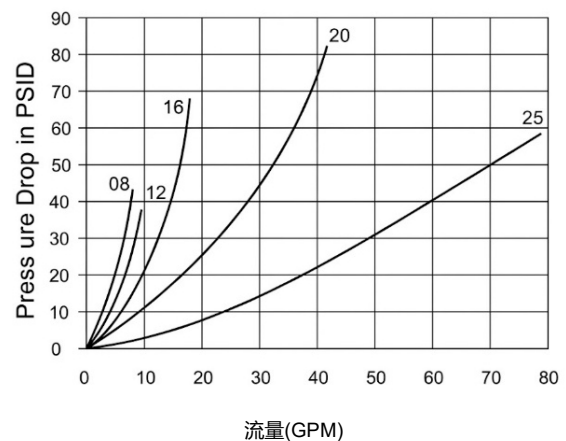
Specifications

Body Size	RK08	RK12	RK16	RK20	RK25
Rated Pressure(PSI)	6090	6090	6090	6090	6090
Rated Flow(GPM)	6	12	28	50	76
Temperature Range(std seals)			-30°C to +120°C		
Standard seal material is NBR					

Performance 性能

HTC-RH 系列(08,12,16,20,25)

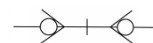
测试流体:油-200SUS



1 GPM=3.78 L/Min

1 PSID=0.0069 MPa

HTC-RH 螺纹锁紧式液压快速接头(碳钢) (新)

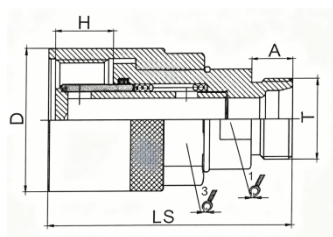


两端开闭式

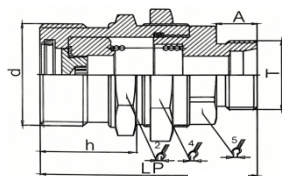
HTC-RH THREAD LOCKED TYPE HYDRAULIC QUICK COUPLING(STEEL)(NEW)

Socket with valve Plug with valve

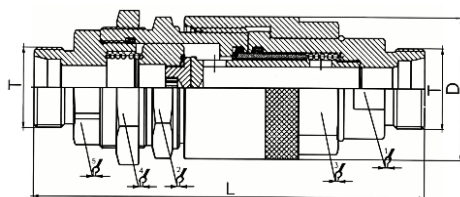
母插座 Socket



公插头 Plug



连接器装配 Coupling Fitting



PART NO.	LS	D	¹	³	A	T	H
HTC-RH08SM-12S	63.4	Φ39	S22 对边	S32 六角	12	M20*1.5	13.5
HTC-RH08SM-10L	62.4	Φ39	S22 对边	S32 六角	11	M16*1.5	13.5
HTC-RH08SM-15L	63.4	Φ39	S22 对边	S32 六角	14	M22*1.5	13.5
HTC-RH12SM-16S	75.5	Φ54.5	S24 对边	S46 六角	14	M24*1.5	17.5
HTC-RH12SM-15L	73.5	Φ54.5	S24 对边	S46 六角	12	M22*1.5	17.5
HTC-RH16SM-20S	83	Φ66	S32 对边	S60 六角	16	M30*2	22.5
HTC-RH16SM-16S	81	Φ66	S32 对边	S60 六角	14	M24*1.5	22.5
HTC-RH16SM-18L	79	Φ66	S32 对边	S60 六角	12	M26*1.5	22.5
HTC-RH16SM-15L	79	Φ66	S32 对边	S60 六角	12	M22*1.5	22.5
HTC-RH20SM-25S	109	Φ64	S41 对边	S55 八边	18	M36*2	26
HTC-RH20SM-20S	107	Φ64	S41 对边	S55 八边	16	M30*2	26
HTC-RH20SM-28L	105	Φ64	S41 对边	S55 八边	14	M36*2	26
HTC-RH20SM-22L	105	Φ64	S41 对边	S55 八边	14	M30*2	26
HTC-RH20SM-18L	103	Φ64	S41 对边	S55 八边	12	M26*1.5	26
HTC-RH25SM-38S	135	Φ91.2	S55 对边	S80 六角	23	M52*2	34.5
HTC-RH25SM-35L	135	Φ91.2	S55 对边	S80 六角	16	M45*2	34.5

PART NO.	LP	d	²	⁴	⁵	A	T	h
HTC-RH08PM-12S	59	M32*3	S36 六角	S36 六角	S25 六角	12	M20*1.5	24
HTC-RH08PM-10L	58	M32*3	S36 六角	S36 六角	S25 六角	11	M16*1.5	24
HTC-RH08PM-15L	59	M32*3	S36 六角	S36 六角	S25 六角	14	M22*1.5	24
HTC-RH12PM-16S	66.7	M36*3	S41 六角	S41 六角	S32 六角	14	M24*1.5	28.7
HTC-RH12PM-15L	64.7	M36*3	S41 六角	S41 六角	S32 六角	12	M22*1.5	28.7
HTC-RH16PM-20S	79.2	M48*3	S55 六角	S50 六角	S15 内六角	16	M30*2	35.2
HTC-RH16PM-16S	77.2	M48*3	S55 六角	S50 六角	S15 内六角	14	M24*1.5	35.2
HTC-RH16PM-18L	75.2	M48*3	S55 六角	S50 六角	S15 内六角	12	M26*1.5	35.2
HTC-RH16PM-15L	75.2	M48*3	S55 六角	S50 六角	S15 内六角	12	M22*1.5	35.2
HTC-RH20PM-25S	97	M54*4	S55 六角	S60 六角	S46 六角	18	M36*2	43.5
HTC-RH20PM-20S	95	M54*4	S55 六角	S60 六角	S46 六角	16	M30*2	43.5
HTC-RH20PM-28L	93	M54*4	S55 六角	S60 六角	S46 六角	14	M36*2	43.5
HTC-RH20PM-22L	93	M54*4	S55 六角	S60 六角	S46 六角	14	M30*2	43.5
HTC-RH20PM-18L	91	M54*4	S55 六角	S60 六角	S46 六角	12	M26*1.5	43.5
HTC-RH25PM-38S	124.8	M79*4	S85 六角		S55 六角	22	M52*2	58
HTC-RH25PM-35L	118.8	M79*4	S85 六角		S55 六角	16	M45*2	58

PART NO.	L	D	¹	²	³	⁴	⁵	T
HTC-RH08-12S	108.5	Φ39	S22 对边	S36 六角	S32 六角	S36 六角	S25 六角	M20*1.5
HTC-RH08-10L	106.5	Φ39	S22 对边	S36 六角	S32 六角	S36 六角	S25 六角	M16*1.5
HTC-RH08-15L	108.5	Φ39	S22 对边	S36 六角	S32 六角	S36 六角	S25 六角	M22*1.5
HTC-RH12-16S	122.7	Φ54.5	S24 对边	S41 六角	S46 六角	S41 六角	S32 六角	M24*1.5
HTC-RH12-15L	118.7	Φ54.5	S24 对边	S41 六角	S46 六角	S41 六角	S32 六角	M22*1.5
HTC-RH16-20S	138.4	Φ66	S32 对边	S55 六角	S60 六角	S50 六角	S15 内六角	M30*2
HTC-RH16-16S	134.4	Φ66	S32 对边	S55 六角	S60 六角	S50 六角	S15 内六角	M24*1.5
HTC-RH16-18L	130.4	Φ66	S32 对边	S55 六角	S60 六角	S50 六角	S15 内六角	M26*1.5
HTC-RH16-15L	130.4	Φ66	S32 对边	S55 六角	S60 六角	S50 六角	S15 内六角	M22*1.5
HTC-RH20-25S	177	Φ64	S41 对边	S55 六角	S55 八边	S60 六角	S46 六角	M36*2
HTC-RH20-20S	173	Φ64	S41 对边	S55 六角	S55 八边	S60 六角	S46 六角	M30*2
HTC-RH20-28L	169	Φ64	S41 对边	S55 六角	S55 八边	S60 六角	S46 六角	M36*2
HTC-RH20-22L	169	Φ64	S41 对边	S55 六角	S55 八边	S60 六角	S46 六角	M30*2
HTC-RH20-18L	165	Φ64	S41 对边	S55 六角	S55 八边	S60 六角	S46 六角	M26*1.5
HTC-RH25-38S	220.8	Φ91.2	S55 对边	S85 六角	S80 六角		S55 六角	M52*2
HTC-RH25-35L	214.8	Φ91.2	S55 对边	S85 六角	S80 六角		S55 六角	M45*2



PART NO	T	ΦD	1/2	3/4	L	LS	LP
HTC-TPL-03	G3/8	35	30	22	53.5	39	38

特征

- 任一部分均无阀的平滑开孔产生最小的压降，并当在相同管路使用一种以上的介质时，该种接头易于清洗。
- HTC-TPL 母插座及公插头采用实心棒料加工制造，从而提供耐用的优质接头。
- HTC-TPL 公插头材料包括黄铜及镀锌碳钢。钢质 HTC-TPL 公插头的球锁沟槽表面经过渗碳淬火处理，所以能抵抗高循环速度及高压冲击所造成的撞击剥蚀。
- HTC-TPL 系列为一种互换式接头，因为它在规格和功能上可与其它制造商制造的类似连接件互换使用。
- 并与下列产品互换：3/8" TEMA3800 KEW

Features

- The smooth, open bore with no valving in either half offers minimal pressure drop and allows easy cleaning in applications where the same lines are used for more than one media.
- HTC-TPL couplers and nipples are machined from solid bar stock providing the quality coupling that is durable.
- HTC-TPL nipples are available in brass and zinc-plated steel. The ball locking grooves of the steel HTC-TPL nipples are case hardened for resistance to brinelling where high cycle rates and pressure surges are encountered.
- The HTC-TPL is an "Interchange" coupling because the dimensionally and functionally can interchange with similar couplings made by other manufactures.
- Compatible with 3/8" TEMA3800 KEW

应用

HTC-TPL 系列为无阀芯接头，用于需要最大流量的应用。其平滑通孔设计可提供比任一其他快换接头设计的更低压降，并可理想地用于高压水和蒸汽冲洗设备、地毯清洁设备及铸模冷却管路方面的应用。其通常用于食品加工、流体及燃料转换生产线。

Applications

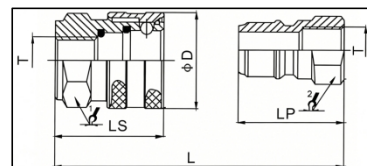
The HTC-TPL Series are non-valved couplings for applications where maximum flow is required. Their smooth, open bore offers the lowest pressure drop of any quick coupling design and is ideal for applications such as high-pressure water and steam washers, carpet cleaners and mold coolant lines and many other non-valved applications.

技术规范

规格 (英寸)	3/8
额定压力 (PSI)	2000
额定流量 (GPM)	12
温度范围 (标准密封圈)	-20°C至 + 120°C

Specifications

Body Size(in)	3/8
Rated Pressure(PSI)	2000
Rated Flow(GPM)	12
Temperature Range	-20°C to +120°C

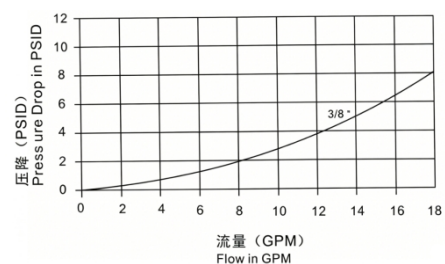


Performance (性能)

HTC-TPL 系列 (3/8")

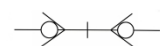
HTC-TPL Series (3/8")

测试流体: 油 - 200SUS (Test Fluid: Oil-200SUS)



1 GPM=3.78 L/Min 1 PSID=0.0069 MPa

HTC-VF 开闭式液压快速接头 (碳钢)



两端开闭式

HTC-VF CLOSE TYPE HYDRAULIC QUICK COUPLING (STEEL)

Socket with valve Plug with valve



PART NO	T	ΦD	1/2	2/2	L	LS	LP
HTC-VF-04	G3/1	44	27	32	88.5	55.5	48

特征

HTC-VF 系列接头具有以下特征:

- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的畅通。
- 关键部件经过感应淬火, 所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和公插头采用实心的棒料精密制造。
- 并与下列产品互换: 意大利快事达 (FASTER) VF 系列、法国格鲁梅尔 (GROMELLE) Q-9000 系列。

Features

HTC-VF Series couplings feature:

- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expedited.
- Critical parts are hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- Compatible with FASTER VF Series, GROMELLE Q-9000 Series.

应用

HTC-VF 系列广泛应用于各种工业所需的连接。主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

Applications

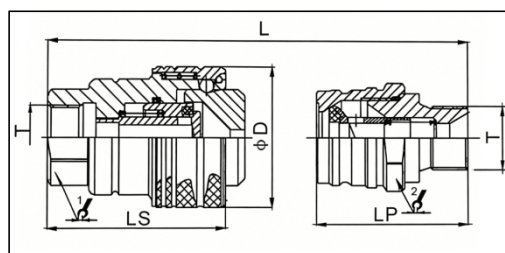
The HTC-VF Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

技术规范

规格 (英寸)	1/2
额定压力 (PSI)	3000
额定流量 (GPM)	50
温度范围 (标准密封圈)	-20°C至 + 120°C
标准密封圈材料为丁腈橡胶 NBR	

Specifications

Body Size(in)	1/2
Rated Pressure(PSI)	3000
Rated Flow(GPM)	50
Temperature Range (std seals)	-20°C至 + 120°C
Standard seal material is NBR	

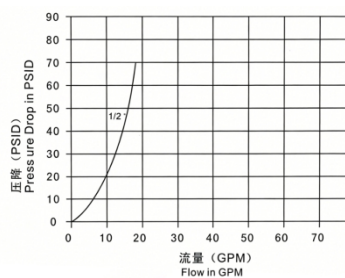


Performance (性能)

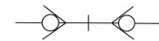
HTC-VF 系列 (1/2")

HTC-VF Series 系列 (1/2")

测试流体: 油 - 200SUS (Test Fluid: Oil-200SUS)



1 GPM=3.78 L/Min 1 PSID=0.0069 MPa



应用

HTC-TM 系列广泛应用于各种工业所需的连接, 主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

Applications

The HTC-TM Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, oil equipment steel mill machinery, and other demanding hydraulic applications.

技术规范

PART NO.	T	1/4	3/8	ΦD	L	LS	LP
HTC-TM-02	G1/4	S21 六角	S18 六角	26	81.8	60	48.2
HTC-TM-03	G3/8	S24 六角	S22 六角	35	76.7	61	38
HTC-TM-04	G1/2	S30 六角	S27 六角	41	85.5	67.5	42.5
HTC-TM-06	G3/4	S38 八边	S36 六角	52	94.5	76.4	47
HTC-TM-08	G1	S45 六角	S45 六角	62	113.8	92.4	56.5

规格 (英寸)	1/4	3/8	1/2	3/4	1
额定压力 (PSI)	5800	5000	4785	4785	4785
额定流量 (GPM)	4	10	20	50	80
温度范围 (标准密封圈)	-30℃ ~ +120℃				
标准密封圈材料为丁腈橡胶 NBR					

特征

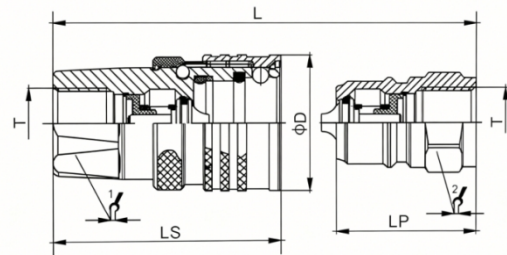
- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的畅通。
- 内部流道优化设计, 提供更好的流量性能。
- 关键部件经过感应淬火, 所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座及公插头采用实心的棒料精工制造。
- 可与下列产品互换: (TEMA) TH、(STUCCHI) IRC 系列。

Features

- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expedited.
- Optimized internal flow channel provides better flow performance.
- Critical parts are hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- Compatible with TEMA TH series, STUCCHI IRC series.

Specifications

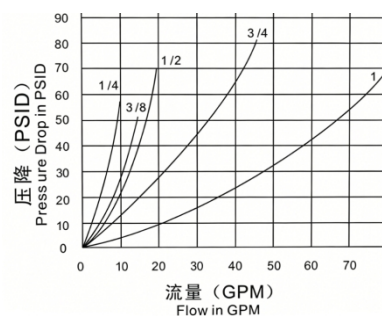
Body Size (in)	1/4	3/8	1/2	3/4	1
Rated Pressure (PSI)	5800	5000	4785	4785	4785
Rated Flow (GPM)	4	10	20	50	80
Temperature Range (std seals)	-30℃ ~ +120℃				
Standard seal material is NBR					



Performance 性能

测试流体: 油-200SUS

Test Fluid: Oil-200sUS



1 GPM=3.75L/Min

1 PSID=0.0069 MPa

HTC-115 超高压液压快速接头 (碳钢)(新)

HTC-115 SUPER HIGH PRESSURE HYDRAULIC QUICK COUPLING (STEEL)(NEW)



两端开闭式

Socket with valve Plug with valve



PART NO.	T	D	1/2"	3/4"	L	LS	LP
HTC-115	G1/4	Φ28	S24 六角	S22 六角	81	61.2	38

特征

- 独特的阀设计，操作时无流体损失。
- 接头断开时，阀芯自动闭合，防止泄漏。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的畅通。
- 关键部件用特殊材料特殊热处理，所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和公插头采用实心的棒料精密制造。
- 并于下列产品互换：CEJN115 系列、116 系列。

Features

- Special valve design eliminate spillage when connecting and disconnecting.
- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expediently.
- Special materials are used in critical parts and hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- Compatible with CEJN 115 Series, 116 Series.

应用

HTC-115 系列广泛应用于液压千斤顶、扳手、急救设备。

Applications

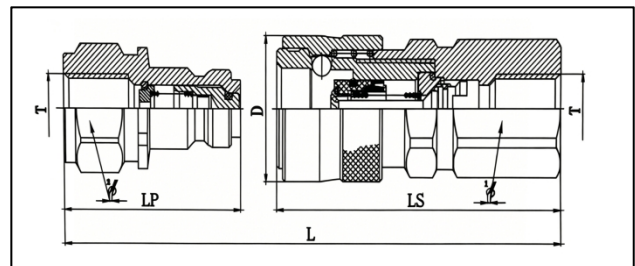
HTC-115 Series are widely used in hydraulic jacks, torque tools, rescue equipments.

技术规范

规格 (英寸)	3/32
额定压力 (PSI)	21739
额定流量 (GPM)	1
温度范围 (标准密封圈)	-30℃至 +100℃
标准密封圈材料为丁腈橡胶 NBR	

Specifications

Body Size(in)	3/32
Rated Pressure(PSI)	21739
Rated Flow(GPM)	1
Temperature Range(std seals)	-30℃ to +100℃
Standard seal material is NBR	

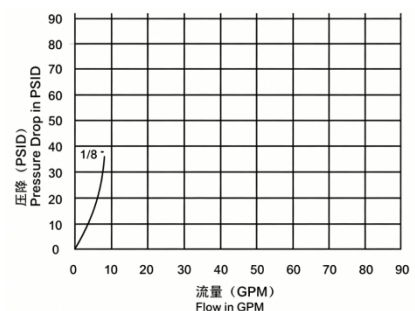


Performance 性能

HTC-115 系列 (1/8")

HTC-115 Series (1/8")

测试流体：油 -200SUS (Test Fluid: Oil-200SUS)



1 GPM=3.75L/Min 1 PSID=0.0069 MPa