



FF系列 – FF單面式液壓快速接頭

FF Type Hydraulic Quick Couplings

● 材料 Materials:

母接頭Coupling: 碳鋼鍍鋅Steel (zinc chromate plating)

公接頭Nipple: 高性能碳鋼，局部熱處理強化

High grade carbon steel with heat treated wear parts

● 技術特徵Features:

符合ISO16028系列標準Interchangeability according to ISO16028

無滋流閥設計，在連接最小的空氣混入，斷開時很少的流體泄漏及容易清潔

Flush-faced poppet for a minimal air inclusion when connecting, minimal fluid loss during disconnection and for an easy-cleaning.

插頭和套圈經過淬火處理，能經受住沖擊而造成的機械損壞

Both sleeve and nipple are hardened to make the couplings resistant to damage from brinelling and mechanical shock.

最小的降壓 Minimal pressure drop

安全鎖定機構，防止意外斷開，插入既鎖定機構，連接時允許單手操作

A safety sleeve lock prevents accidental disconnection

Push-to-connect operation allows one-hand operation when connecting the coupling.

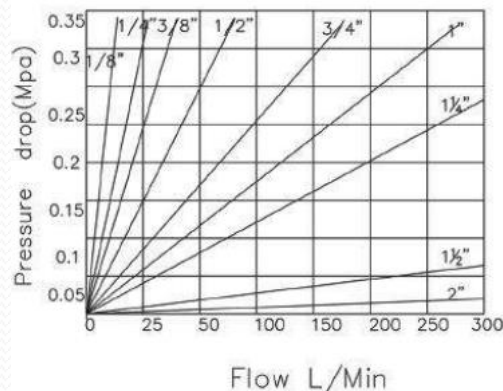
可選配防塵帽及多種螺紋可供選擇

Dust caps available, Female pipe and BSPP or NPT tread are available upon request.

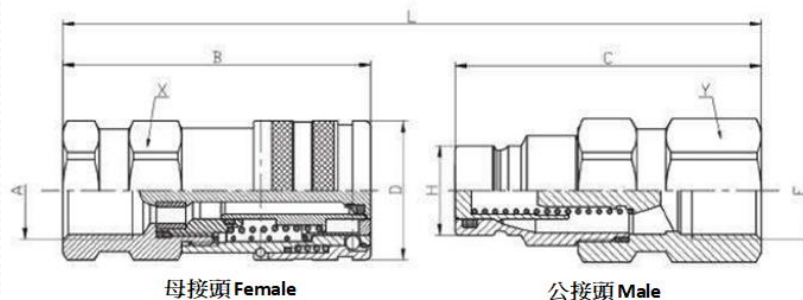
● 互換性Interchange:

派克Parker FE/FF/FEM Series. Hansen Qa2900

Foster FF series Faster FF Cejn X62



技術規範Specifications									
規格(英寸) Body Size (Inch)	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
額定壓力(Mpa) Rate Pressure	35	35	35	35	30	25	25	25	20
額定流量(L/Min) Rated Flow	12	15	30	50	90	125	185	370	750
溫度範圍(聚氨酯) Temperature Range (polyurethane)	-25°C ~ 125°C								



PART NO.	ISO	A	E	L	B	C	H	D	X	Y
FF-01C-18BSP-SP	3.2	G1/8	G1/8	68.5	40	36.5	11.6	20	19	17
FF-02C-14BSP-SP	6.3	G1/4	G1/4	108	58.5	60	16.1	27	24	24
FF-03C-38BSP-SP	10	G3/8	G3/8	134	73	77	19.7	30	27	27
FF-04C-12BSP-SP	12.5	G1/2	G1/2	142	81	75	24.5	38	34	34
FF-06C-34BSP-SP	16	G3/4	G3/4	169	92	91	27	42	38	38
FF-08C-1BSP-SP	19	G1	G1	180	100	102	29.9	48	41	41
FF-10C-114BSP-SP	25	G1 1/4	G1 1/4	186	100	106	36	55	55	55
FF-12C-112BSP-SP	32	G1 1/2	G1 1/2	213	118	122.5	57.05	80	70	70
FF-16C-2BSP-SP	48	G2	G2	251	149	139.5	72.9	100	80	80

● 材料 Materials:

母接頭Coupling: 碳鋼鍍鋅Steel (zinc chromate plating)

公接頭Nipple: 髒性能碳鋼，局部熱處理強化 High grade carbon steel with heat treated wear parts

● 技術特徵 Features:

符合ISO7241-1 A系列標準 Interchangeability according to ISO7241-1 Part A

O型圈額外提供PTFE支撐環，應用與髒壓力環境

Provide an additional O-ring PTFE support ring. Applies to high pressure environment.

插頭和套圈經過淬火處理，能經受住沖擊而造成的機械損壞

Both sleeve and nipple are hardened to make the couplings resistant to damage from brineling and mechanical shock.

耐用球鎖機制確保每次都可靠連接

The durable-ball-locking mechanism ensures a reliable connection every time.

錐閥組合性密封，更好保證氣密性密封，並將由於髒速流體所造成的密封性剝蝕和損壞程度降至最低。

Captive valve seal assures poppet sealing. The valve seal is positively captured by the metal poppet to minimize seal washout or damage from high velocity fluid.

可選配防塵帽及多種螺紋可供選擇

Dust caps available, female pipe and BSPP or NPT tread are available upon request.

● 互換性Interchange:

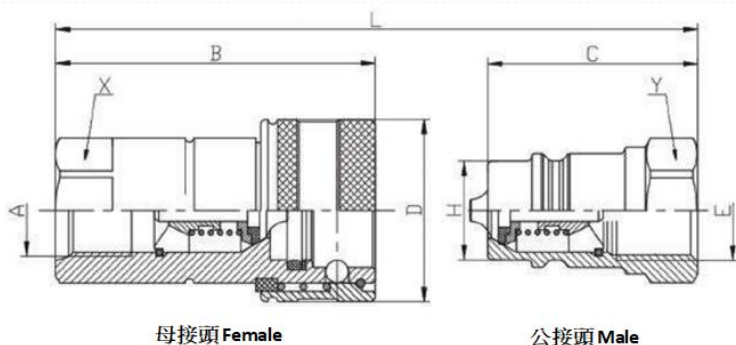
派克Parker 6600 日東Nitro 280. Hansen Ha 15000

Foster A series Faster ANV Cejn X95



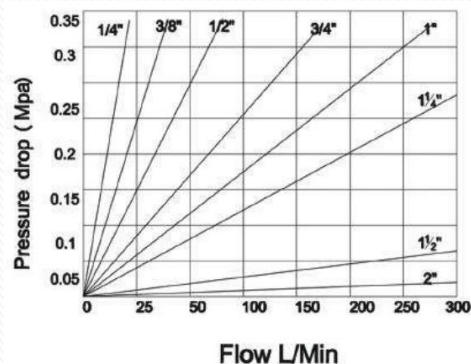
技術規範 Specifications

規格(英寸) Body Size (Inch)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
額定壓力(Mpa) Rate Pressure	50	30	30	30	25	25	20	15
額定流量(L/Min) Rated Flow	9	30	75	180	270	330	450	900
溫度範圍(丁晴) Temperature Range (NBR)	-25°C ~ 125°C							



母接頭 Female

公接頭 Male



PART NO.	ISO	A	E	L	B	C	H	D	X	Y
ANV-02C-14BSP-SP	6.3	G1/4	G1/4	65.5	48	32.7	11.8	25	19	19
ANV-03C-38BSP-SP	10	G3/8	G3/8	81	57	39	17.2	32	24	22
ANV-04C-12BSP-SP	12.5	G1/2	G1/2	88	66	46	20.5	38	27	27
ANV-06C-34BSP-SP	20	G3/4	G3/4	110	83	55	29	48	34	34
ANV-08C-1BSP-SP	25	G1	G1	132	100	66	34.3	56	41	41
ANV-10C-114BSP-SP	31.5	G1 1/4	G1 1/4	146	115	73	44.9	70	50	50
ANV-12C-112BSP-SP	40	G1 1/2	G1 1/2	166	133	83	55	84	60	60
ANV-16C-2BSP-SP	50	G2	G2	200	161	100	65	100	75	75

● 材料 Materials:

母接頭Coupling: 碳鋼鍍鋅Steel (zinc chromate plating)

公接頭Nipple: 高性能碳鋼，局部熱處理強化 High grade carbon steel with heat treated wear parts

● 技術特徵 Features:

符合ISO7241-1 B系列標準 Interchangeability according to ISO7241-1 Part B

廣泛的材料應用，密封件及終端配置，適用任何類型的工業應用

Applied to any type of industrial applications because of the various range of materials seals and end configurations.

碳鋼和不銹鋼體密封圈帶支撐環防止高流速被沖出，黃銅為雙密封圈以備在低壓或真空環境下應用

Body seal steel and stainless steel versions feature PTFE back-up ring which prevents seal washout at high flow rates brass couplers have a double assurance and vacuum applications.

耐用球鎖機制確保每次都可可靠連接

The durable ball-locking mechanism ensures a reliable connection every time.

錐閥組合性密封，更好保證氣密性密封，並將由於髒速流體所造成的密封性剝蝕和損壞程度降至最低。

Captive valve seal assures poppet sealing. The valve seal is positively captured by the metal poppet to minimize seal washout or damage from high velocity fluid.

可選配防塵帽及多種螺紋可供選擇

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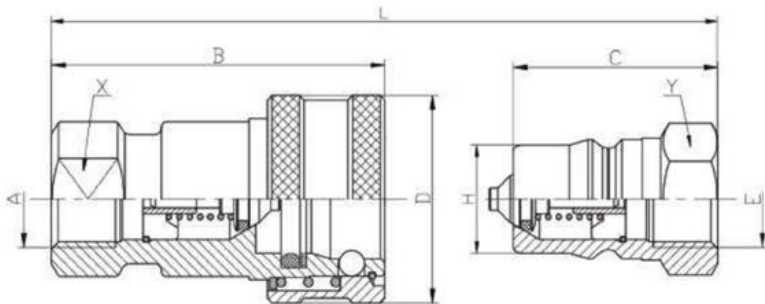
● 互換性Interchange:

派克Parker 60 日東Nitto 250. Hansen Bx-75

Finster HY-S sariec, Faster HNV

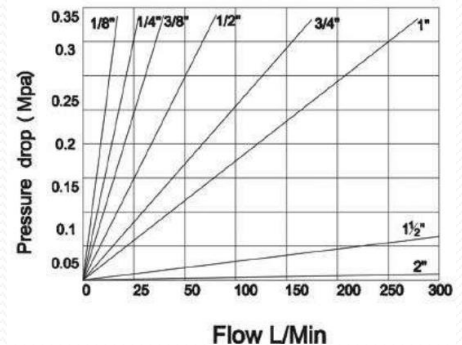


技術規範Specifications								
規格(英寸) Body Size (Inch)	1/8	1/4	3/8	1/2	3/4	1	1 1/2	2
額定壓力(Mpa) Rate Pressure	50	45	35	35	25	25	14	9
額定流量(L/Min) Rated Flow	5	17	50	75	190	270	750	1600
溫度範圍(丁晴) Temperature Range (NBR)	-25°C ~ 125°C							



母接頭Female

公接頭Male



PART NO.	ISO	A	E	L	B	C	H	D	X	Y
HNV-01C-18BSP-SP	5	G1/8	G1/4	63	50	32	10.8	23	17	17
HNV-02C-14BSP-SP	6.3	G1/4	G1/4	70	56	35	14.1	28	19	19
HNV-03C-38BSP-SP	10	G3/8	G3/8	78	64	39	19	35	24	22
HNV-04C-12BSP-SP	12.5	G1/2	G1/2	88	72	44	23.5	44	30	27
HNV-06C-34BSP-SP	20	G3/4	G3/4	110	89	55	31.4	52	36	34
HNV-08C-1BSP-SP	25	G1	G1	132	106	66	37.8	62	41	41
HNV-12C-112BSP-SP	40	G1 1/2	G1 1/2	193	126	126	44.5	75	65	65
HNV-16C-2BSP-SP	50	G2	G2	219	142	142	63.2	105	89	89

- 互換性標準 Interchangeability Standard: ISO 16028

主要應用 Main Applications:

1. 滑移裝載機 Skid Steer
2. 挖掘機 Excavator
3. 移動工程機械設備 Mobile Construction Equipment



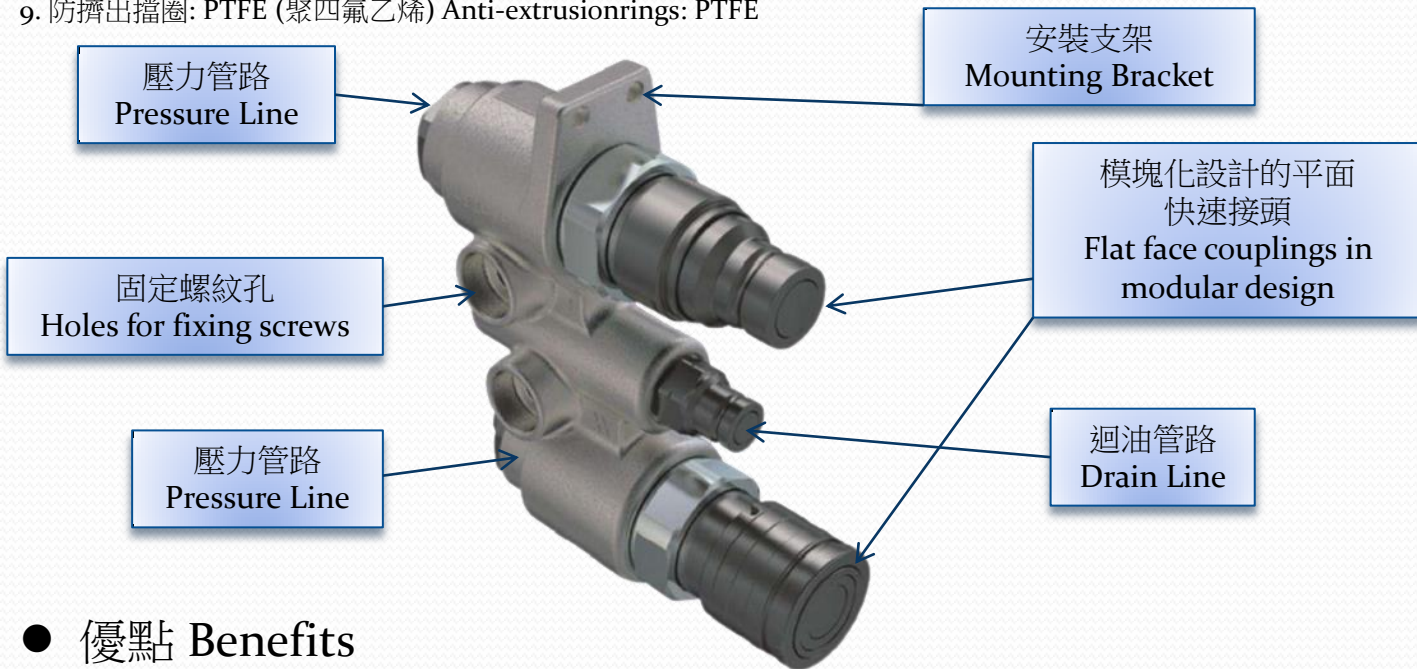
4BD4FH模塊閥系列是為滿足現代移動設備的實際需要而開發的最新產品，通過我公司在液壓連接領域多年的經驗面總結出的應對複雜問題的解決方案。根據市場的反應和主要OEM客戶的合作設計此款產品。模塊閥擁有釋放殘壓系統，允在帶殘存壓力情況下對接和拆斷，公母接頭都允許帶殘壓。配備符合ISO16028互換性的平面式快速接頭，模塊閥擁有模塊化結構和可變化的設計，可提供的尺寸為: 1/2(o4), 3/4(o8)

4BD4FH modular valve series is our latest innovation designed to meet the requirements of the mobile equipment market designed with the feedback from the market and with the major OEM collaborations, it has a residual pressure relief system which allow an operator to connect and disconnect the two circuit lines with residual pressure for both male and female couplers.

4BD4FH modular valves series is equipped with ISO 16028 interchangeable flatface couplings, has a modular design for multiple port options and allows for a wide range of coupler size: 1/2(o4), 3/4(o8)

● 技術性能和選項 Technical Features and Options

1. 快速接頭的互配性: 配備ISO16028快速接頭, 提供不同尺寸及規格。
Interchangeability: equipped with ISO16028 couplings available in different configurations and dimensions.
2. 快速接頭類型: 平面密封 Coupling Type: Flat Face
3. 鎖緊機機: 鋼珠鎖緊 Mechanical Connection: Locking balls
4. 對接系統: 推入式連接 Connection System: Push to connect
5. 拆斷系統: 拉下母接頭的外套
Disconnection System: Pulling back the sleeve of the female coupling
6. 帶壓對接: 用拉杆泄壓之後對接
Connection with Residual Pressure: After draining the pressure the lever
7. 帶壓拆斷: 用拉杆泄壓之後拆斷
Disconnection with Residual Pressure: After draining the pressure with the lever
8. 密封材料: 標準NBR (丁晴橡膠) Seals: Standard NBR (Nitrile)
9. 防擠出擋圈: PTFE (聚四氟乙烯) Anti-extrusion rings: PTFE



● 優點 Benefits

1. 泄壓系統操作簡便, 可以在帶有殘壓的情形下輕鬆安裝或拆卸
User friendly relief system allows for easy connect and disconnect with residual pressure.
2. 在安裝或拆卸之前要先泄掉殘壓, 安裝或拆卸已經沒有壓力, 安全不費力以減少受傷風險
It drain the residual pressure before connect or disconnect. Allowing the connection in effort-saving, safety-guarantee and reduce injury risk.
3. 平面容易清潔, 幫助減少雜物進入液壓迴路的污染
Flat face is easy to clean, helping to reduce the inclusion of contamination to the hydraulic circuit.
4. 降低安裝或拆卸時液壓油損失, 減少對環境的污染
Reduce fluid loss during connect/disconnect, minimise the pollution towards environment.
5. 安裝或拆卸時僅帶入極少空氣, 增強液壓系統功能
Minimise air inclusion during connection/disconnection, enhancing correct function of the circuit.
6. 擁有專利的內部閥門設計, 壓降小, 保持迴路效率銀好的脈沖耐受力
Patented internal coupling is valve design creates minimal pressure drop, maintaining circuit efficiency in the system good resistance at impulse pressures.
7. 緊湊精巧與靈活(允許使用不同規格快速接頭)使用安全簡單
Compact slim and flexible design (allows to use different size of couplings). Safe and simple to use.

- 互換性標準 Interchangeability Standard: SLT internal Standard

主要應用 Main Applications:

1. 農業設備 Agricultural Equipment
2. 移動式工程設備 Mobile Construction Equipment
3. 車輛 Vehicles
4. 工業設備 Industrial Equipment



P5065系列是結構緊湊的手動式多路快速接頭組合板，提供需要幾路液壓迴路同時拆卸或連接的廣泛解決方案。最多可用6路1/2，快速接頭安全的同時拆卸或安裝，動作簡單，快捷高效，根據應用需要，各路尺寸可相同或不同。

P5065 have a compact structure, manual multi-couplings that offer a wide range of solutions for any applications requiring connection and disconnection of several hydraulic.

Up to 6 lines 1/2 , can be simultaneously connected and disconnected by a safe, simple and quick movement requiring low effort the lines can all have the same size or each line can be different from the others according to the application.

● 技術性能和選項 Technical Features and Options

1. 互換性標準: 我司內部標準 Interchangeability: SLT Internal Standard
2. 機械連接: 內部凸輪和鎖銷 Mechanical Connection: Internal cams and locking pins
3. 連接系統: 旋轉拉杆 Connection System: Rotating the lever
4. 拆卸系統: 旋轉拉杆 Disconnection System: Rotating the lever
5. 材質和表面處理: Material and Surface Treatment

安裝板 - 鋁合金氧化 Body plates in aluminum alloy oxidation

凸輪和鎖銷 - 經特殊熱處理的碳鋼

Cams and pins in high resistance carbon steel with special heat treatment.

其他組件 - 碳鋼鍍鋅或鍍鋅鎳處理

Others components in carbon steel with zinc plating or zinc nickel treatment.

金屬(鋁)固定部份保護盒
Metal(Aluminum) protection cover for fixed multicoupling

導向/鎖銷: 避免錯誤的安裝
Guidance/locking pins eliminate risk of incorrect connection of the lines

平面密封
Flat Seal

安全鎖系統避免意外斷開
Safety lock system avoids accidental disconnection

符合人體工程學的手柄，即使是在斷開後管路中存在高殘餘壓力的情況下也可方便連接

Ergonomic lever for easy connect/disconnect even with high residual pressure in the circuit

