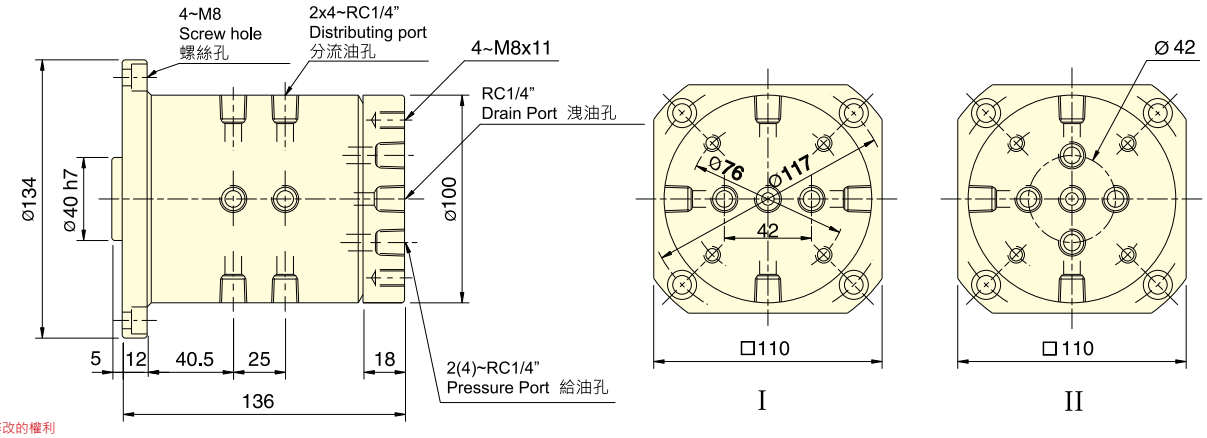
RV 油壓迴轉分流閥 HYDRAULIC ROTARY VALVE

油壓型



- 迴轉工作台上夾治具空油壓缸用迴轉分流閥。
- 迴轉閥內部經特殊設計，使得迴轉軸可輕力轉動，且不虞漏油。
- I型為一迴路，同時控制開夾動作。
- II型為二迴路，可分別控制開夾動作。
- Rotary valve is used for clamping cylinder on rotary table.
- Through unique design, it can make the rotary housing be rotated light force and is free from oil leaking.
- I Type is a single circuit which controls the clamping.
- II Type is a double circuit which separately controls the clamping.
- RV 型式的洩油孔配管務必單獨接回油槽，以避免產品背壓。
- The drain port of RV type should be independently connected to oil tank to avoid back pressure.



保留規格修改的權利
Subject to technical changes

技術規格 SPECIFICATIONS

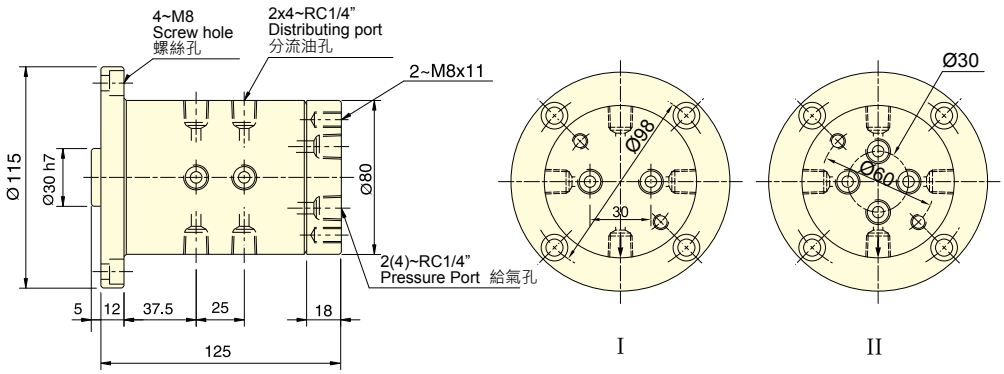
型號	分流數	最高使用壓力	重量
Model	Distributing	Max. pressure	Weight
		MPa(kgf/cm²)	kgs
RV-31H	4 向 (可訂製)	4.0(40)	7.4

註 :RV 可提供客製。(Note:RV can be custom-made.)

RV-A 空壓迴轉分流閥 AIR ROTARY VALVE

空壓型





保留規格修改的權利
Subject to technical changes

技術規格 SPECIFICATIONS

型號	分流數	最高使用壓力	重量
Model	Distributing	Max. pressure	Weight
		MPa(kgf/cm²)	kgs
RV-A31H	4 向 (可訂製)	0.8(8)	4.8

註 :RV-A 可提供客製。(Note:RV-A can be custom-made.)

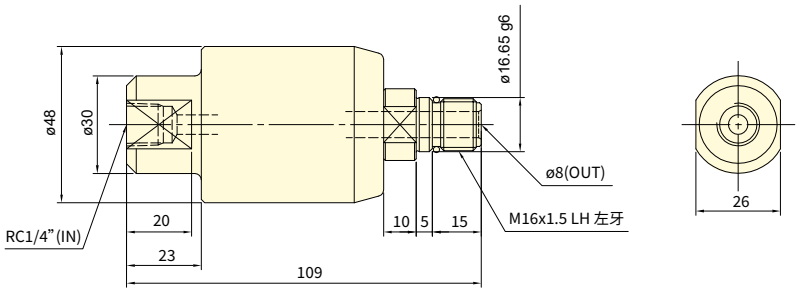
RJ-52

單通道迴轉接頭
SINGLE-PASSAGE ROTARY JOINT



- 單通道多介質設計，兼容氣體與水兩種不同介質。
- 高效密封系統，採用耐磨損且耐腐蝕的密封材料，確保在高速旋轉下無洩漏，結構緊湊，易於安裝。
- Single-channel design for multi-medium transmission, compatible with both air and coolant (water-based fluids).
- High-performance sealing system with wear- and corrosion-resistant sealing materials ensures zero leakage under high-speed rotation.
- Compact construction for easy integration and installation.

- 無介質通過時，請勿運轉。
- Do not operate the rotary joint without medium flowing through the passage.



保留規格修改的權利 Subject to technical changes

技術規格 SPECIFICATIONS

型號	注水PV 限制值 (MPa·r/m.)	注氣PV 限制值 (MPa·r/m.)	吐出量 (使用壓力 50 kgf/cm²)	最高使用迴轉數 (r.p.m.)	注水最高使用壓力 MPa(kgf/cm²)	注氣最高使用壓力 MPa(kgf/cm²)	重量(kg)
Model	Coolant connection PV Limit value (MPa·r/m.)	Air connection PV Limit value (MPa·r/m.)	Delivery amount (at 50 kgf/cm²)	Max. speed (r.p.m.)	Coolant connection Max. pressure MPa(kgf/cm²)	Air connection Max. pressure MPa(kgf/cm²)	Weight (kg)
RJ-52	8000	3200	28l/min	3000	4.0(40)	0.8(8.0)	0.5

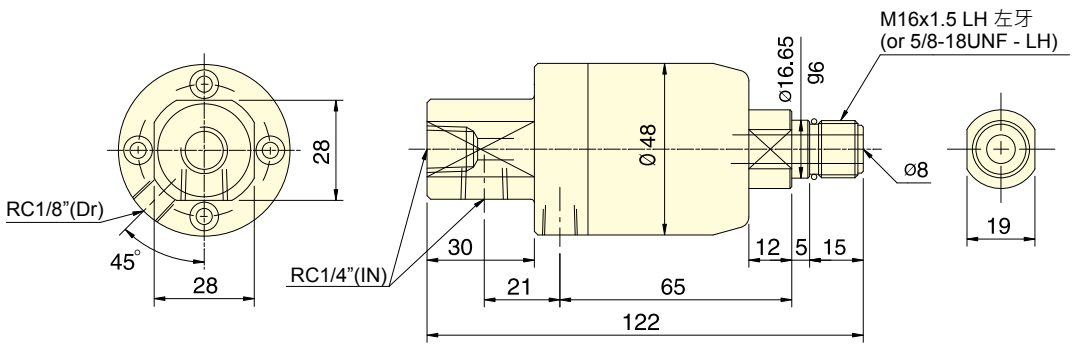
RJ-80

冷卻液迴轉接頭
COOLANT ROTATING JOINT



- 高轉速，高壓力用冷卻液迴轉接頭。
- 內部止水閥使用超硬合金及精密陶瓷相配對，耐磨耗特性佳。
- Coolant joint for high speed, high pressure. Usable for oil and water-soluble coolant.
- Seal bushing inside is made of cemented carbide and ceramics, which provide higher wear-resistance.

- 注水部無流體通過時，請勿運轉。
- The joint should not run without liquid through coolant port.



保留規格修改的權利 Subject to technical changes

技術規格 SPECIFICATIONS

型號	PV限制值 MPa· r/m	最高使用壓力 MPa(kgf/cm²)	吐出量 (使用壓力 50 kgf/cm²)	最高使用迴轉數(r.p.m.)	重量 (kg)
Model	PV Limit value MPa· r/m	Max. pressure MPa(kgf/cm²)	Delivery amount (at 50 kgf/cm²)	Max. speed (r.p.m.)	Weight (kg)
RJ-80	14400	6.0(60)	28 l/min	8000	0.5

RJ-92

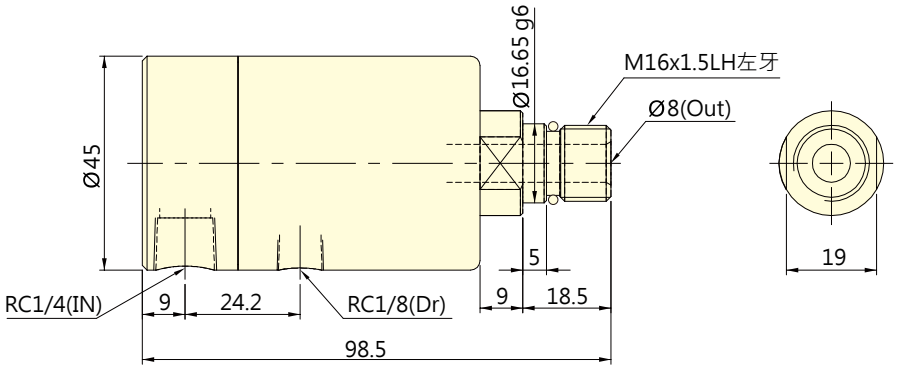
冷卻液迴轉接頭內附止水閥自動開閉機構
COOLANT ROTATING JOINT WITH AUTOMATIC ON/OFF SEAL

單通道



- 外型長度精短，重量輕巧。
- 高轉數，高壓力用冷卻液迴轉接頭。
- 內部止水閥使用超硬合金及精密陶瓷相配對，耐磨耗性特佳。
- 運轉時如無流體通過，則止水閥自動脫離，使止水閥不致乾磨而損壞。
- Short form, light weight coolant rotating joint.
- Coolant joint for high speed, high pressure.Usable for oil and water-soluble coolant.
- Seal bushing inside is made of cemented carbide and ceramics,which provide higher wear-resistance.
- The seal will depart automatically if no liquid passes during,operation, and will not be dmaged due to dry touching.

- 最小啟動壓力 4kgf/cm²。
- Min. pressure is 4kgf/cm².



保留規格修改的權利 Subject to technical changes

技術規格 SPECIFICATIONS

型號	PV限制值 MPa· r/m	最高使用壓力 MPa(kgf/cm²)	吐出量 (使用壓力 50 kgf/cm²)	最高使用迴轉數 (r.p.m.)	最小啟動壓力 MPa(kgf/cm²)	重量 (kg)
Model	PV Limit value MPa· r/m	Max. pressure MPa(kgf/cm²)	Delivery amount (at 50 kgf/cm²)	Max. speed (r.p.m.)	Min. pressure MPa(kgf/cm²)	Weight (kg)
RJ-92	17500	7.0(70)	28 l/min	10000	0.4(4)	0.46

RJ-4E/RJ-5E 油壓迴轉接頭 HYDRAULIC ROTARY JOINT



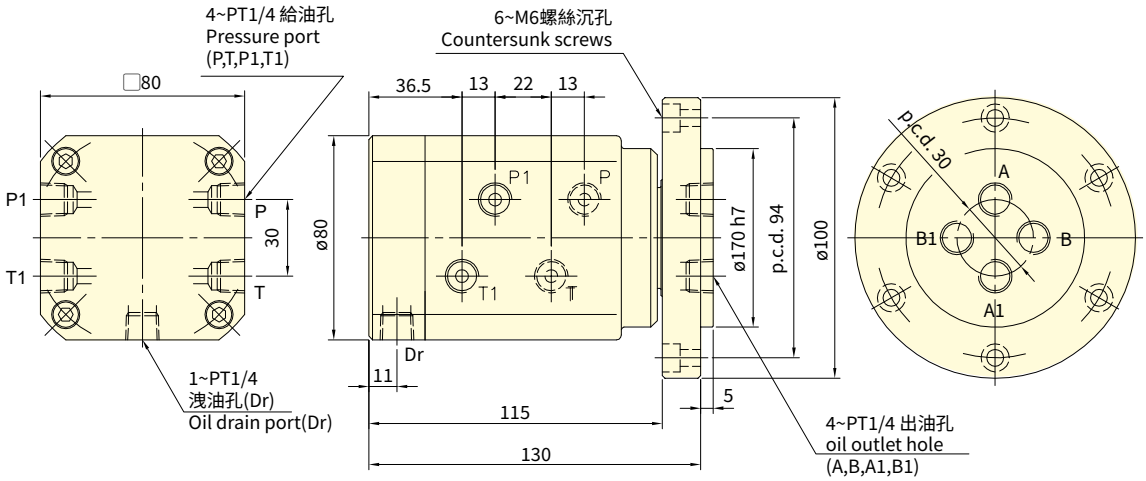


- 提供4油路 / 4通道及5油路 / 5通道設計，可依需求訂製多路獨立油壓通道。
- 適用於夾緊與鬆開等雙向油壓控制，確保動作精準且可靠，提升作業效率。
- 各通道採用平衡式機械密封。

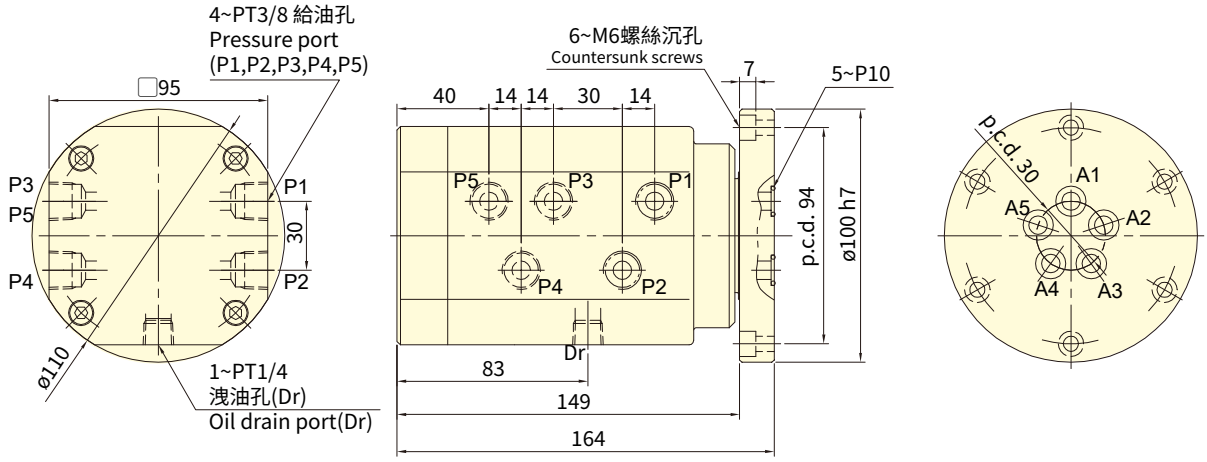
- Available in 4-port / 4-channel and 5-port / 5-channel configurations, with customizable multi-channel hydraulic options upon request.
- Designed for bidirectional hydraulic control such as clamping and unclamping, ensuring precise and reliable operation to enhance productivity.
- Each channel adopts a balanced mechanical seal structure.

- 油路配置、通道數與安裝介面皆可依需求客製化。
- The hydraulic circuit layout, number of passages, and mounting interface can all be customized according to requirements.

Model:RJ-4E



Model:RJ-5E



保留規格修改的權利 Subject to technical changes

技術規格 SPECIFICATIONS

型號	分流數	最高迴轉數(r.p.m.)	最高使用壓力 (kgf/cm²)	重量 (kg)
Model	Distributing	Max. speed (r.p.m.)	Max. pressure (kgf/cm²)	Weight (kg)
RJ-4E	4 in / 4 out	3500	35	4.5
RJ-5E	5 in / 5 out	3500	35	7.5

RJ-A2E

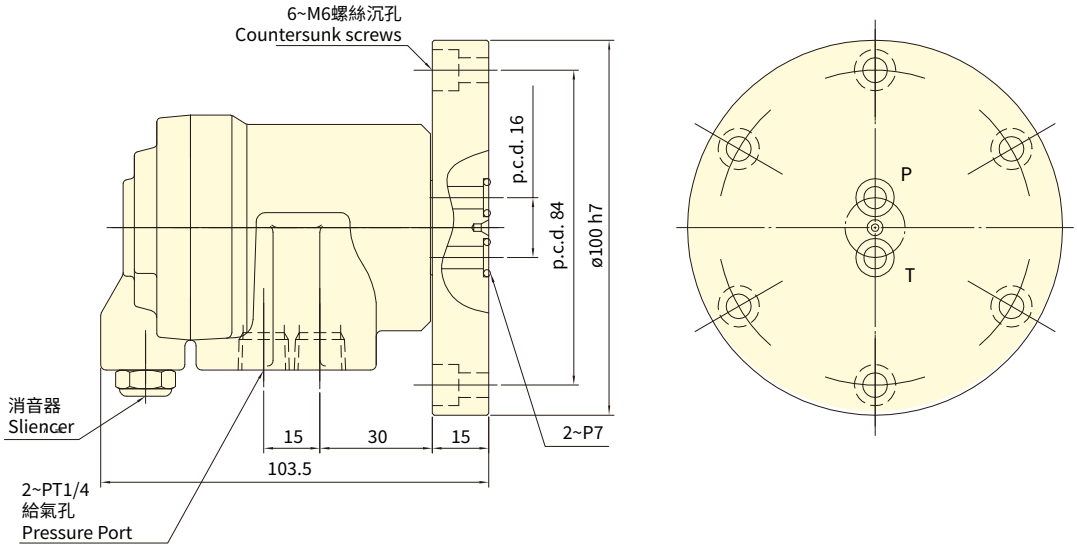
空壓迴轉接頭
AIR ROTARY JOINT



- 提供2個壓縮空氣傳輸通道。
- 將多條氣路整合於單一組件，大幅簡化管路配置並節省安裝空間。
- 旋轉阻力極小，運轉平穩順暢，有效節省能源。

- Provides 2 independent channels for compressed air transmission.
- Integrates multiple pneumatic lines into a single component, significantly simplifying piping layout and saving installation space.
- Minimal rotational resistance ensures smooth and stable operation, effectively saving energy.

- 空壓配置、通道數與安裝介面皆可依需求客製化。
- The pneumatic configuration, number of passages, and mounting interface can all be customized according to requirements



保留規格修改的權利 Subject to technical changes

技術規格 SPECIFICATIONS

型號	分流數	最高迴轉數(r.p.m.)	最高使用壓力 (kgf/cm²)	重量 (kg)
Model	Distributing	Max. speed (r.p.m.)	Max. pressure (kgf/cm²)	Weight (kg)
RJ-A2E	2	3000	8	1.2

RJ-22HA/RJ-41HA 空油壓型迴轉接頭
COMBINED AIR AND HYDRAULIC ROTARY JOINT



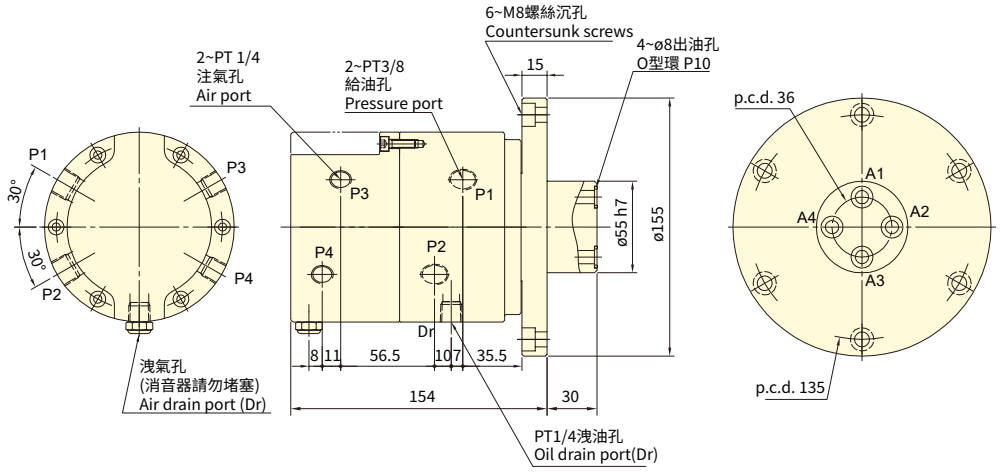


- 2 路油壓 + 2 路氣體的 4 通道設計及4 路油壓 + 1 路氣體的 5 通道設計。
- 支援多介質傳輸，適用於各種複雜加工需求。
- 提供夾緊與鬆開控制，可延伸應用於工件定位檢測、刀具氣體清潔等功能。
- 適用於銑車複合機的分度盤或多軸加工設備。
- 採用高性能密封結構，有效防止油壓外漏，確保長時間穩定運轉。

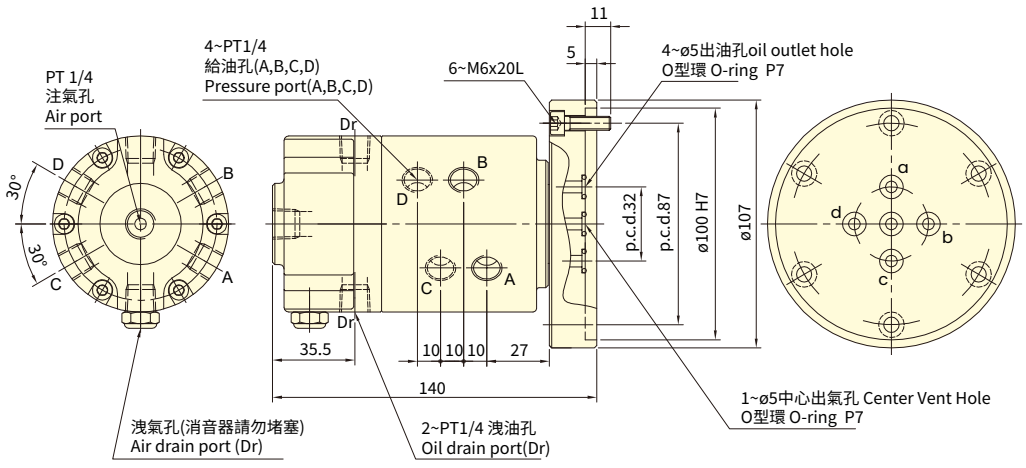
- Available Configurations: 4-Channel (2 Hydraulic + 2 Pneumatic) and 5-Channel (4 Hydraulic + 1 Pneumatic)
- Enables clamping and unclamping control; applicable to workpiece detection, tool air-blow cleaning, and similar automation functions.
- Ideal for rotary tables on mill-turn machines and multi-axis machining centers.
- Features high-performance sealing technology to prevent leakage of oil, ensuring long-term operational stability.

- 空壓、油路配置、通道數與安裝介面皆可依需求客製化，可支援雙介質。
- 可客製配合光學尺整合，提升控制精度與系統連動性。
- Customizable Pneumatic and hydraulic configurations, number of passages, and mounting interface and supports dual media
- Optional integration with optical scales is available for enhanced precision and system synchronization.

Model:RJ-22HA



Model:RJ-41HA



保留規格修改的權利 Subject to technical changes

技術規格 SPECIFICATIONS

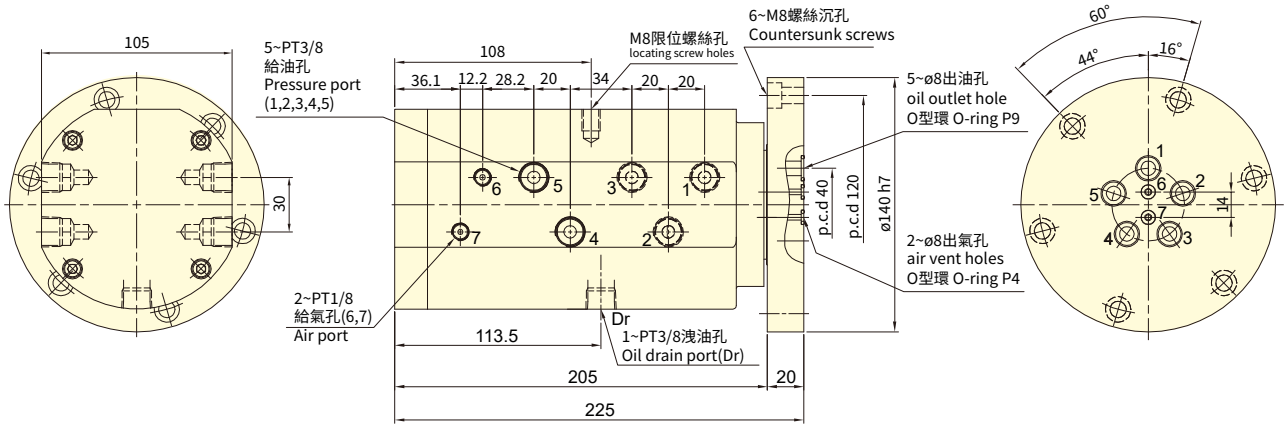
型號	分流數	最高迴轉數(r.p.m.)	最高使用壓力Max. pressure MPa(kgf/cm²)		重量 (kg)
Model	Distributing	Max. speed (r.p.m.)	氣壓Pneumatic	油壓Hydraulic	Weight (kg)
RJ-22HA	2 油 +2 氣	1000	8	60	10.5
RJ-41HA	4 油 +1 氣	3000	8	50	2.95

RJ-52HV 空油壓型迴轉接頭
HYDRAULIC AND AIR ROTARY JOINT



- 5油壓 + 2氣壓 7 通道設計，支援多介質傳輸，適用於同時控制夾緊與鬆開等複合動作。
- 全密封注氣設計，各通道互不干擾，維持壓力穩定，注氣部可支援真空應用。
- 高效密封結構，防止油氣交叉滲漏，提升系統可靠性與加工精度。
- 支援中低速旋轉，適用於多軸工站及複合加工機。
- 5 Hydraulic + 2 Pneumatic Channel Design.
- Supports multi-media transmission, ideal for simultaneous control of clamping and unclamping operations.
- The fully sealed air passage design ensures independent channels for stable pressure, with the pneumatic section also supporting vacuum applications.
- High-performance sealing structure prevents cross-leakage between oil and air, enhancing system reliability and machining accuracy.
- Supports medium to low-speed rotation, suitable for multi-axis workstations and compound machining centers.

- 空壓、油路配置、通道數與安裝介面皆可依需求客製化，可支援雙介質。
- 可客製配合光學尺整合，提升控制精度與系統連動性。
- Customizable Pneumatic and hydraulic configurations, number of passages, and mounting interface and supports dual media
- Optional integration with optical scales is available for enhanced precision and system synchronization.



保留規格修改的權利 Subject to technical changes

技術規格 SPECIFICATIONS

型號	分流數	最高迴轉數(r.p.m.)	最高使用壓力Max. pressure (kgf/cm²)		重量 (kg)
Model	Distributing	Max. speed (r.p.m.)	氣壓	油壓	Weight (kg)
RJ-52HV	5 油 + 2 氣	1000	8	70	15.9