

Imperial Thread Double-Acting Cylinder D series

Hydraulic Cylinders

Description of the type

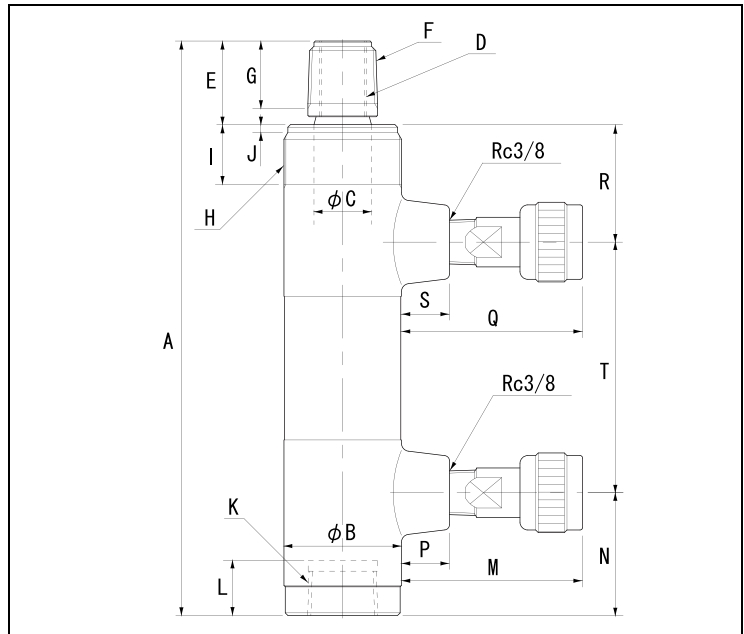
D 04 - 50

Maximum output
04 : 40 kN

Attached coupler
No mark : S-1R
T : ROC-13R
N C : W/O coupler

D series Stroke (mm)

●The piston is coated.



■ Specification

Type		D04-50	D04-85	D04-150	D04-200	D04-250
Maximum operating pressure	MPa	70				
Push side	Maximum output	40				
	Pressure area	6.42				
Pull side	Maximum output	16.3				
	Pressure area	2.62				
Stroke	mm	50	85	150	200	250
Minimum overall length	A	172	220	287	337	386
Inner diameter of the cylinder	φ	28.6				
Outside diameter of the cylinder	φ B	45		46		
Piston diameter	φ C	22				
Piston screw diameter	D	M18 × 1.5				
Piston ejection length	E	32		33		
Cap screw diameter	F	3/4-14NPT				
Cap screw length	G	24				
Collar screw diameter	H	M45 × 1.5				
Collar screw length	I	23				
None thread length	J	3		4		3
Base screw diameter	K	3/4-14NPT				
Base screw depth	L	21				
Push side	Coupler ejection length	M	≒ 53	≒ 71	≒ 72	≒ 70
	Coupler position	N	17			
	Boss length	P	-	18	19	17
Pull side	Coupler ejection length	Q	≒ 70	≒ 71	≒ 72	≒ 70
	Coupler position	R	45			
	Boss length	S	17	18	19	17
Distance between ports	T	78	96	162	212	261
Coupler connection diameter	-	Rc3/8				
Attached coupler	-	S-1R				
Necessary oil level	cm ³	33	55	97	129	161
Approximate weight	kg	2.0	2.6	3.3	3.9	4.3

■ Available attachments

		D04-50	D04-85	D04-150	D04-200	D04-250
Piston	Cap	R-4P				
	Piston base	RB-4				
	Clevis	CLF-4-A (B)				
Flange		4FD				
Base	Cylinder base	-	CB-4			
	Clevis	-	CLM-4-A (B)			