

# ProVia Clutch Servo for Japanese Range

ProVia Clutch Servo has an universal design to cover multiple Japanese OE devices. Range of highly reliable Clutch Servos with consistent quality level, zero compromise on safety choice.

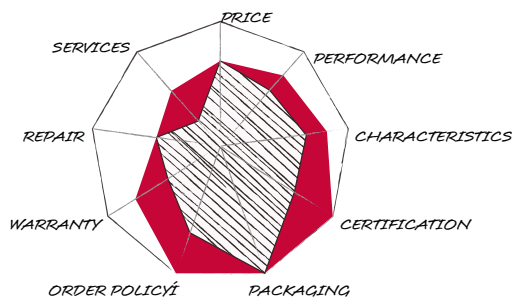
## Cross references

ProVia part number	OE part number
<a href="#">PRO 411100.0</a>	642-09402
<a href="#">PRO 411101.0</a>	642-09404
<a href="#">PRO 411102.0</a>	642-09306
<a href="#">PRO 411103.0</a>	642-09204
<a href="#">PRO 411200.0</a>	642-09102
<a href="#">PRO 411201.0</a>	642-09008

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 OE ORIGINAL    ProVia    AFTERMARKET AVERAGE



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## Technical Attributes

Technical Attribute	PRO 411 100 0	PRO 411 101 0	PRO 411 102 0	PRO 411 103 0	PRO 411 200 0	PRO 411 201 0
Variants	105 mm	105 mm	90 mm	70 mm	90 mm	70 mm
Mounting	4x M10x1.25	4x M10x1.25	4x M10x1.25	4x M8x1.25	4x M10x1.25	4x M8x1.25
Distance between holes	96.1 ± 0.3	96.1 ± 0.3	85.5 ± 0.3	68.6 ± 0.3	85.5 ± 0.3	68.6 ± 0.3
Oil inlet	Port 14	Port 14	Port 14	Port 14	Port 14	Port 14
Push-rod thread	Ball Ø10 mm	Ball Ø10 mm	Ball Ø10 mm	Ball Ø10 mm	Ball Ø10 mm	Ball Ø10 mm
Port Thread 14	M12x1.5	M12x1.5	M12x1.5	M12x1.5	M12x1.5	M12x1.5
Fluid type	Brake fluid	Brake fluid	Brake fluid	Brake fluid	Brake fluid	Brake fluid
Length	280 ± 10	334 ± 10	273 ± 10	276 ± 10	266 ± 10	266 ± 10
Max. operating pressure	10.0 bar	10.0 bar	10.0 bar	10.0 bar	10.0 bar	10.0 bar
Stroke	35 ± 3 mm	44 ± 3 mm	35 ± 3 mm	35 ± 3 mm	35 ± 3 mm	35 ± 3 mm
Port Thread 32	M10X1.25	M10X1.25	M10X1.25	M10X1.25	M8X1	M8X1
Ports	M12x1.25	M12x1.25	M12x1.5, M14x1.5	M12x1.5, M14x1.5	M12x1.5, M14x1.5	M12x1.5, M14x1.5
Port thread 31	NPT 1/4	NPT 1/4	NPT 1/4	NPT 1/4	NPT 1/4	NPT 1/4
Temperature range	-40°C To +80°C	-40°C To +80°C	-40°C To +80°C	-40°C To +80°C	-40°C To +80°C	-40°C To +80°C
Port thread 11	PT 3/8	PT 3/8	M14 x 1.5	M14 x 1.5	M14 x 1.5	M14 x 1.5
Hydraulic tank dia	Ø 22.22 mm	Ø 22.22 mm	Ø 22.22 mm	Ø 22.22 mm	Ø 22.22 mm	Ø 22.22 mm
Air tank dia	Ø 105 mm	Ø 105 mm	Ø 90 mm	Ø 70 mm	Ø 90 mm	Ø 70 mm
Size (L x B x H)	280 x 193 x 121	334 x 193 x 121	273 x 177 x 106	276 x 167 x 91.5	266 x 177 x 106	266 x 163 x 91.5
Weight (kg)	3.5	4.1	2.9	2.4	2.1	1.7



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## About ProVia

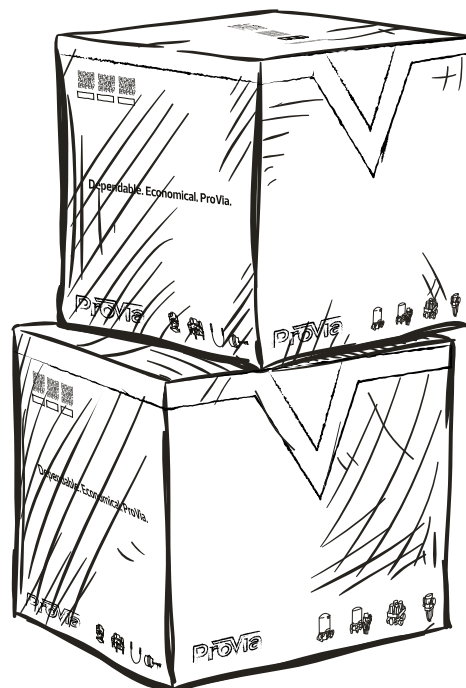
ProVia is a commercial vehicle budget spare parts brand that delivers reliable performance, with no frills, yet no compromise on quality or safety for trucks, buses, and trailers.

ProVia is available to distributors, workshops and fleet operators serving the commercial vehicle industry worldwide.

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