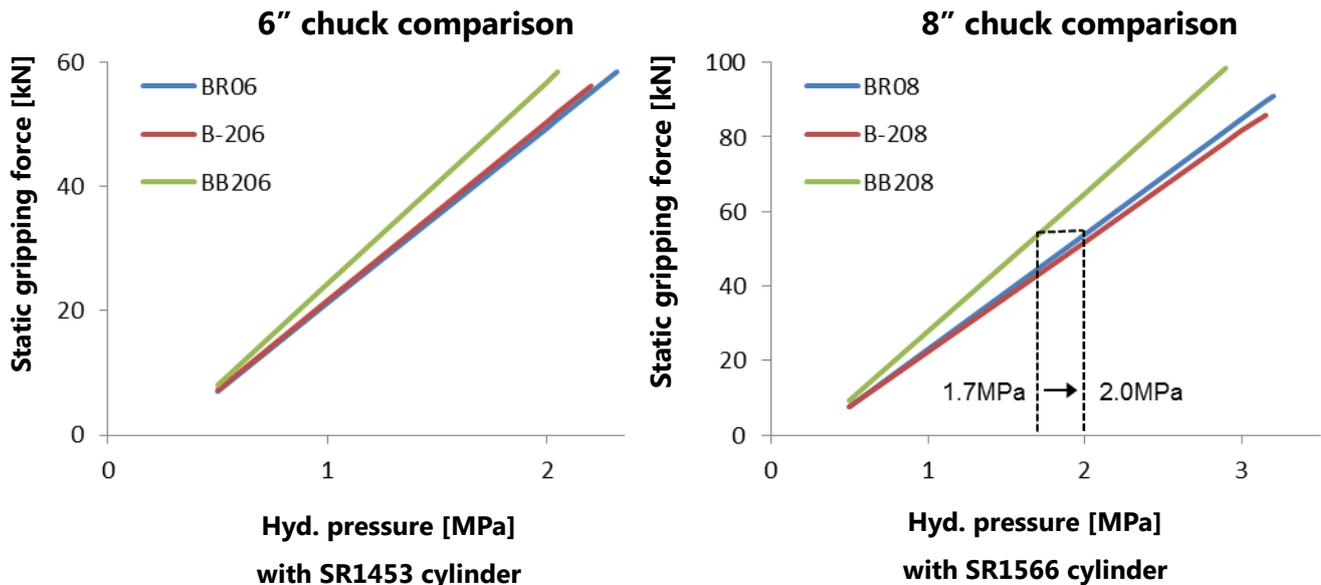


## Precaution for cylinder set pressure when replacing a chuck with BR chuck

When replacing the BB200 or B-200 chuck with the BR chuck, it is necessary to adjust the hydraulic pressure to obtain the same gripping force as before.

[Ex.] If the combination of BB208 chuck and SR1566 cylinder is used at the hydraulic pressure of 1.7 MPa, it is necessary to increase the pressure to 2.0 MPa when the BR08 chuck replaces the BB208 chuck.



Type	Max. Gripping Force [kN]	Max. Draw Bar Pull Force [kN]	Max. Pressure [MPa]	Matching Cylinder		
				Type	Max. Draw Bar Pull Force [kN]	Max. Operating Pressure [MPa]
BR06	58.5	23	2.3	SR1453	43.9	4.2
BB206	58.5	20	2.1			
BR08	90	35	3.2	SR1566	45.0	4.0
BB208	99	32	2.9			
BR10	123	49	3.4	SR1781	58.7	4.0
BB210	126	48.8	3.4			

【Ref.】 Relational expression between the draw bar pull force and hydraulic pressure

$$\text{Draw bar pull force [kN]} = \text{Max. draw bar pull force [kN]} \times \frac{\text{Operating pressure [MPa]} - 0.25}{\text{Max. operating pressure [MPa]} - 0.25}$$

For details, see "3. Technical Data" in the instruction manual.