

CPR9-04ST | INDUSTRIAL PISTON TYPE ROTATOR with holding brake and extra channels



More power, more functions, same size!
Powerful radial piston type motor for tough work in any conditions, in any positions.
Specially designed to hold tool position, even under radial loads.

Multichannel compact manifold inside rotator for tool functions like a Grapple Open, Grapple Close, saw functions and feed, furthermore additional connection for drainage.

Outstanding position holding, such as eccentric tool position, thanks to high precision oil distributor.
High capacity double bearing withstand axial and radial/bending loads.
Relief valves fitted to absorb pressure peaks for rotation.

330 kN

90 kN

3500 Nm

99 kg

EXTRA OIL FUNCTION CONNECTIONS:

25 MPa G1/2 35 MPa G3/4

35 MPa G3/4 35 MPa G3/4

35 MPa G3/4 1 MPa G3/8

BEST FOR:



MID-SIZE
EXCAVATORS

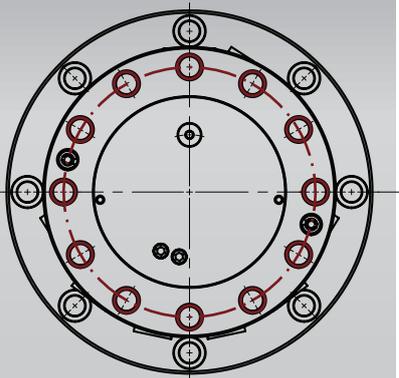
QUALITY
RELIABILITY
INNOVATION

BALROTORS®

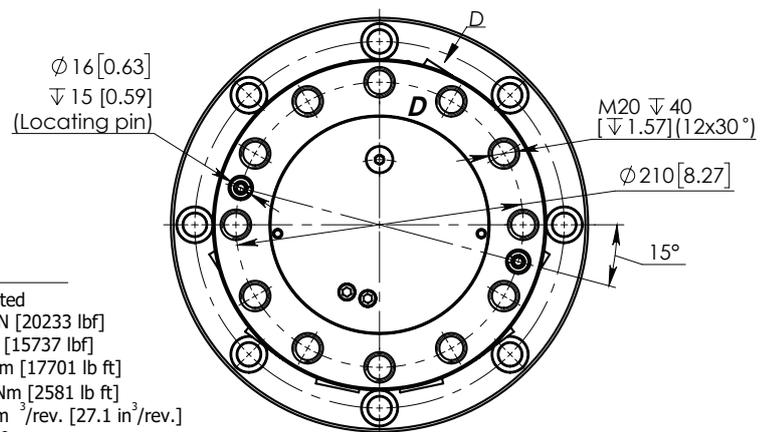
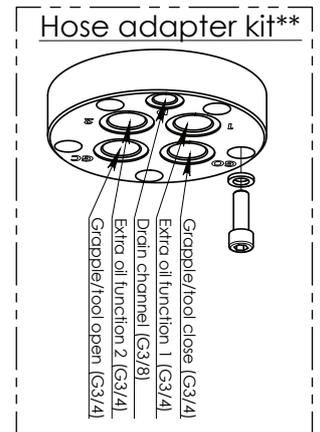
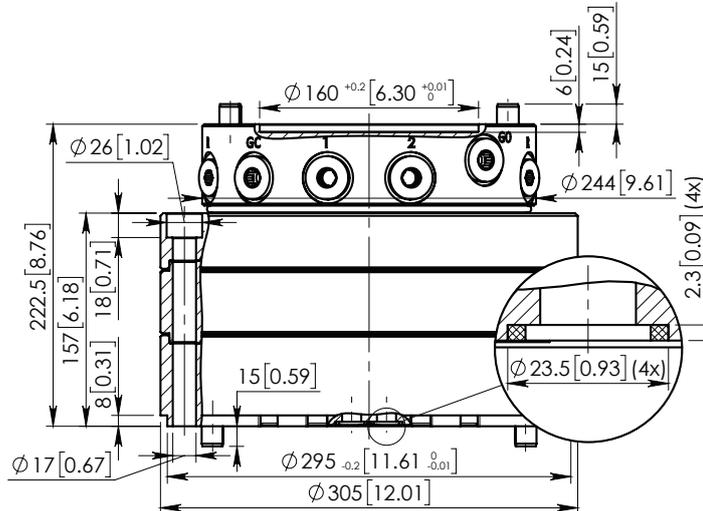
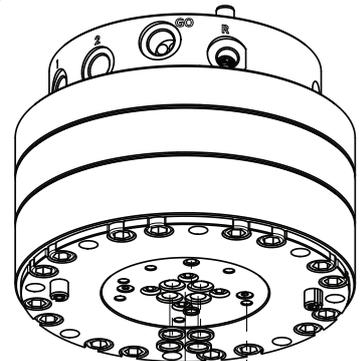
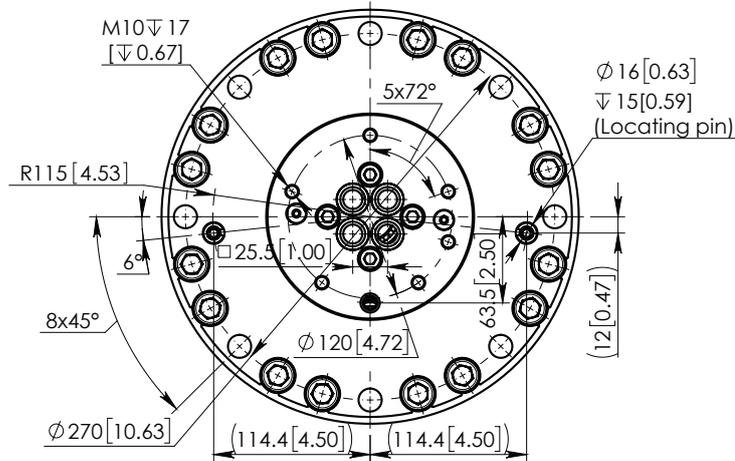
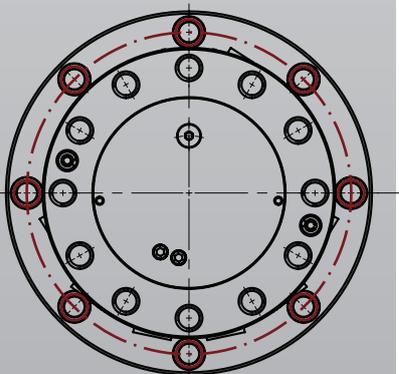
CPR9-04ST

dimensions mm [inch]

Top connection form factor
12x210mm (12x M20 bolts
on diameter 210mm)



Grab connection form factor
8x270 (8x45° 17mm holes on
diameter 270)



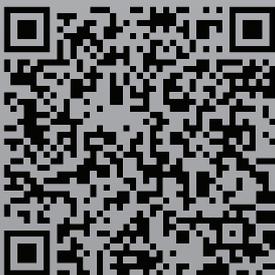
Technical data

Rotation	Unlimited
Max axial load	±90 kN [20233 lbf]
Max radial load	70 kN [15737 lbf]
Moment of deflection	24 kNm [17701 lb ft]
Torque at 25 Mpa	3500 Nm [2581 lb ft]
Rated displacement	444 cm ³ /rev. [27.1 in ³ /rev.]
Rotation speed	max 30 rpm
Oil duct area for GO, GC, 1, 2	150 mm ² [0.232 in ²]
Weight	99 kg [219 lb]

Function	Max working pressure	Rec oilflow	Connection	Operating machine e.g. excavator weight
R - rotation	25 MPa [3625 psi] *	30 l/min [7.9 gal(US)/min]	G 1/2	Connected via link 16t
GO - grapple/tool open	35 MPa [5076 psi]		G 3/4	Rigid mounted 10.5t
GC - grapple/tool close	35 MPa [5076 psi]		G 3/4	
1 - extra oil function	35 MPa [5076 psi]		G 3/4	
2 - extra oil function	35 MPa [5076 psi]		G 3/4	
D - drain channel	1 MPa [145 psi]		G 3/8	

* Relief valves fitted

** Hose adapter with any connection available, on request



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