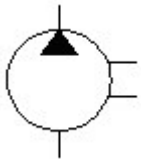
Combined Harvestor Gear Pumps

- High strength aluminum extruded body.
- Hardened and ground integral gear shaft.
- Special aluminum alloy bush bearing.
- Axially balanced for high volumetric efficiency in excess of 95%.



Graphic Symbol

Rating

Model Number	Geometric Displacement		Maximum Pressure Bar		Shaft Speed Range rpm		Weight Kg
	cm^3/rev	LPM@ 1800 rpm	Continuous	Intermittent	Max	Min	
CHB200-093	9.3	16.7	180	210	3500	600	4 (Approx)

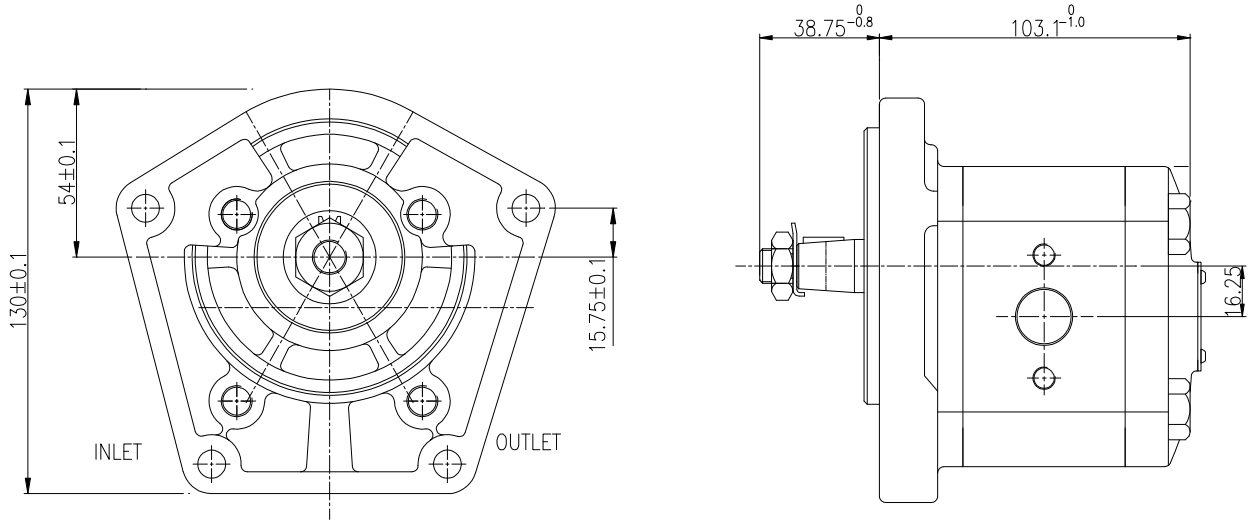
Model Number Designation

CHB200	-093	-T	-5	-F	-B	-R
Series	Size	Shaft	Mounting	Port	Drive Shaft Seal	Direction of Rotation Viewed From Shaft Side
CHB200: Combined Harvestor	**093**	**T:** Tapered	**5:**With ¢88.87 Spigot mounting	**F:** Flanged Port	**B:** Single Nitrile **V:** Single Viton	**R:** Clockwise

Example - CHB200-093-T-5-F-B-R

093:9.3cc/rev, T: Taper shaft, 5: ¢88.87 Spigot Mounting, F: Flanged port, B-SingleNitrile.R: Clockwise

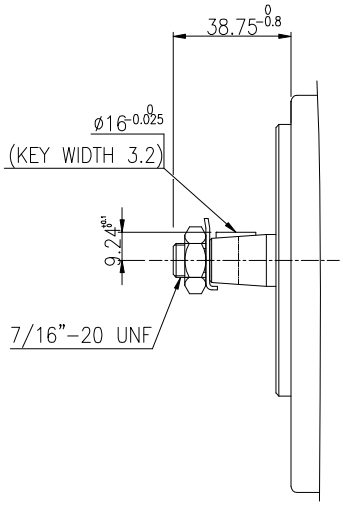
General Arrangement



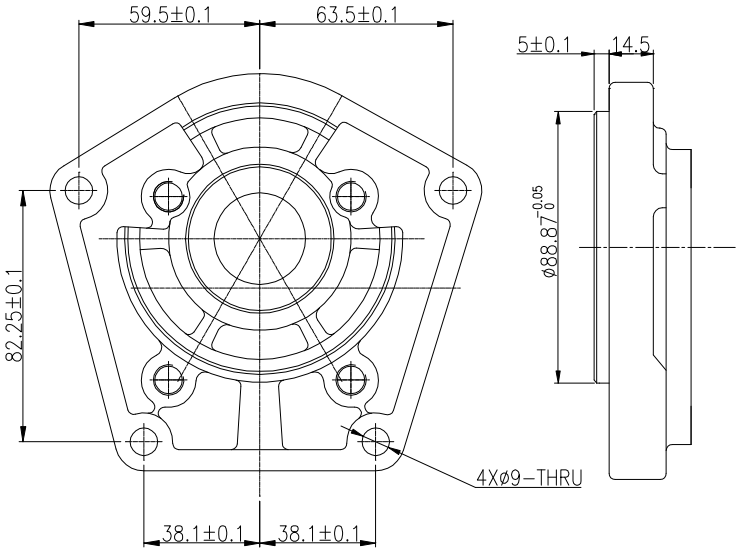
PUMP DETAILS SHOWN FOR CLOCKWISE ROTATION VIEWED FROM SHAFT SIDE

ALL DIMENSIONS ARE IN MM

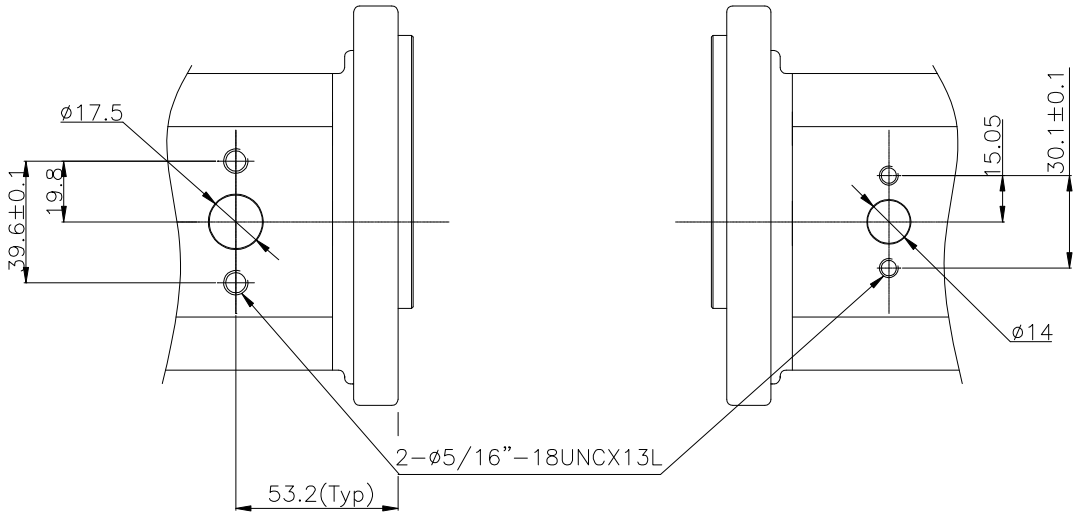
Shaft



Flange



Port

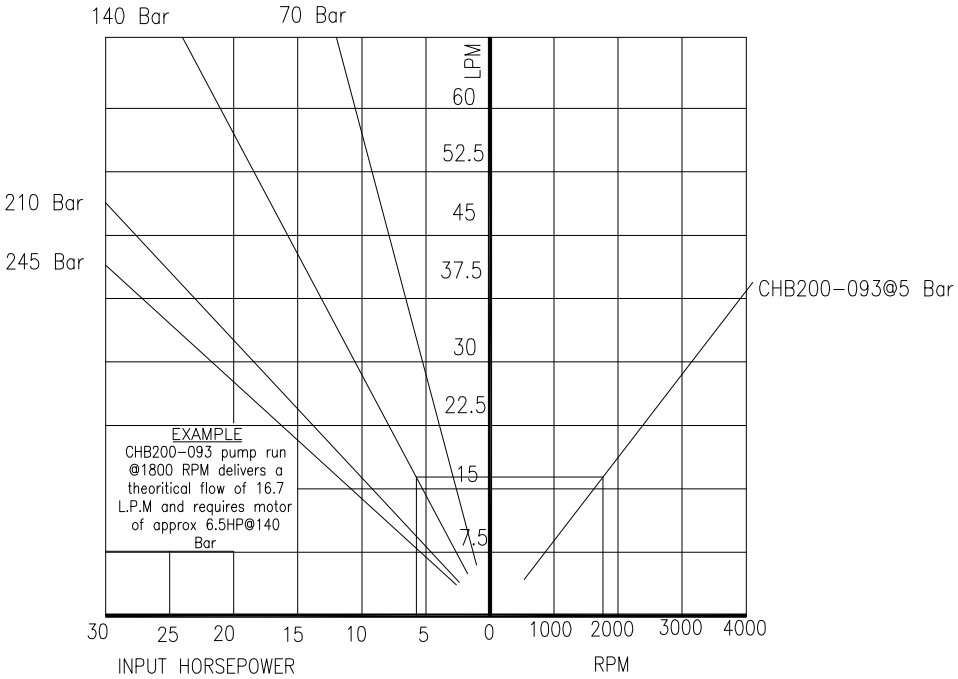


INLET PORT OUTLET PORT

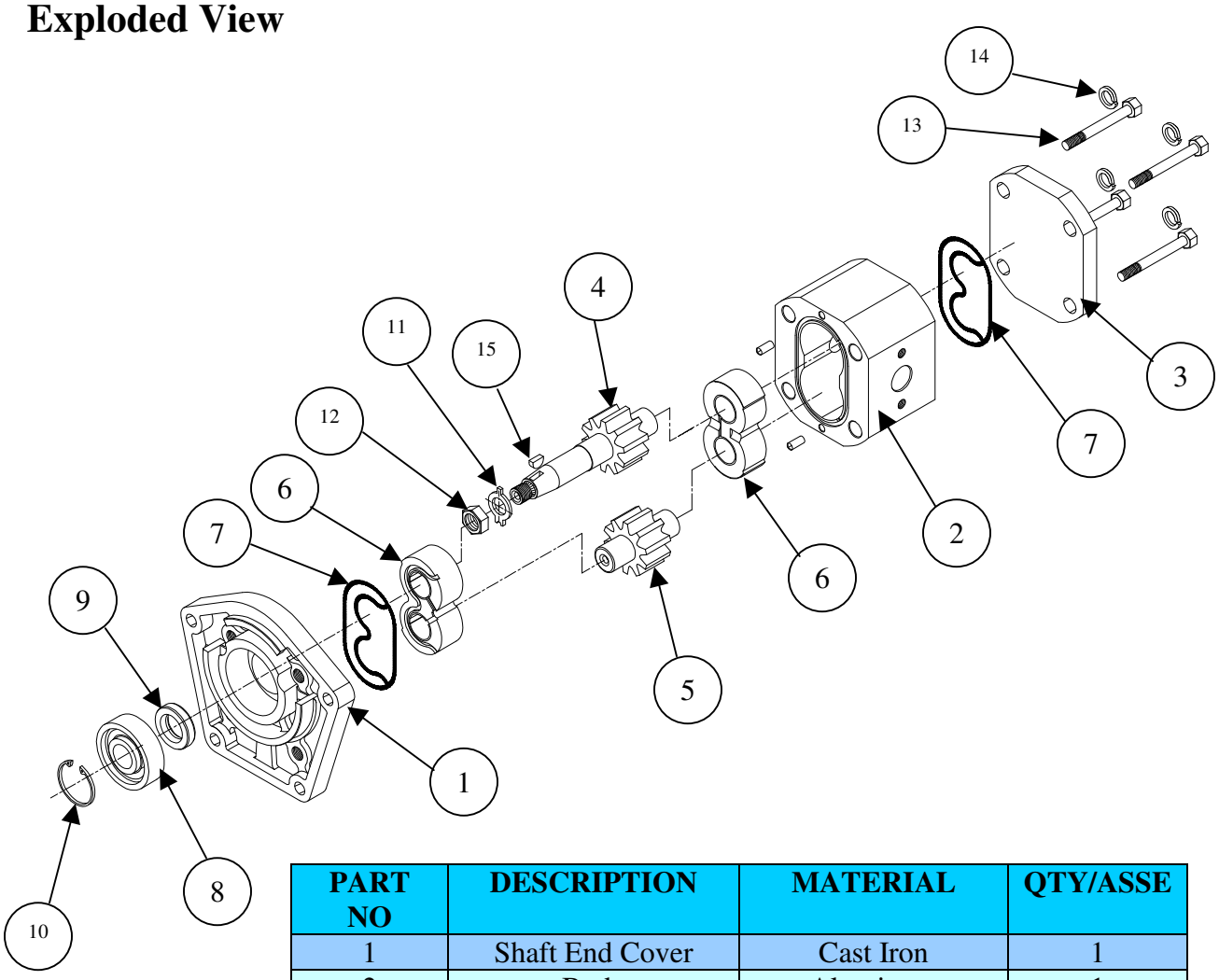
Seals: -

Nitrile (Temp.range: -15°C+80°C), Viton (Temp.range: -10°C+140°C).

Performance Chart



Exploded View



PART NO	DESCRIPTION	MATERIAL	QTY/ASSE
1	Shaft End Cover	Cast Iron	1
2	Body	Aluminum	1
3	Closed End Cover	Cast Iron	1
4	Driving Gear	Hardened Steel	1
5	Driven Gear	Hardened Steel	1
6	Bearing Bush	Al alloy	1
7	Body End Seal	Nitrile/Viton	2
8	Ball Bearing	Bearing Steel	1
9	Oil Seal	Nitrile/Viton	1
10	Circlip	Spring Steel	1
11	Lock Washer	Steel	1
12	Lock Nut	Steel	1
13	Bolt	High Tensile Steel	4
14	Washer	Spring Steel	4
15	Key	Steel	1