

# BELL HOUSING AND FLEXIBLE COUPLING



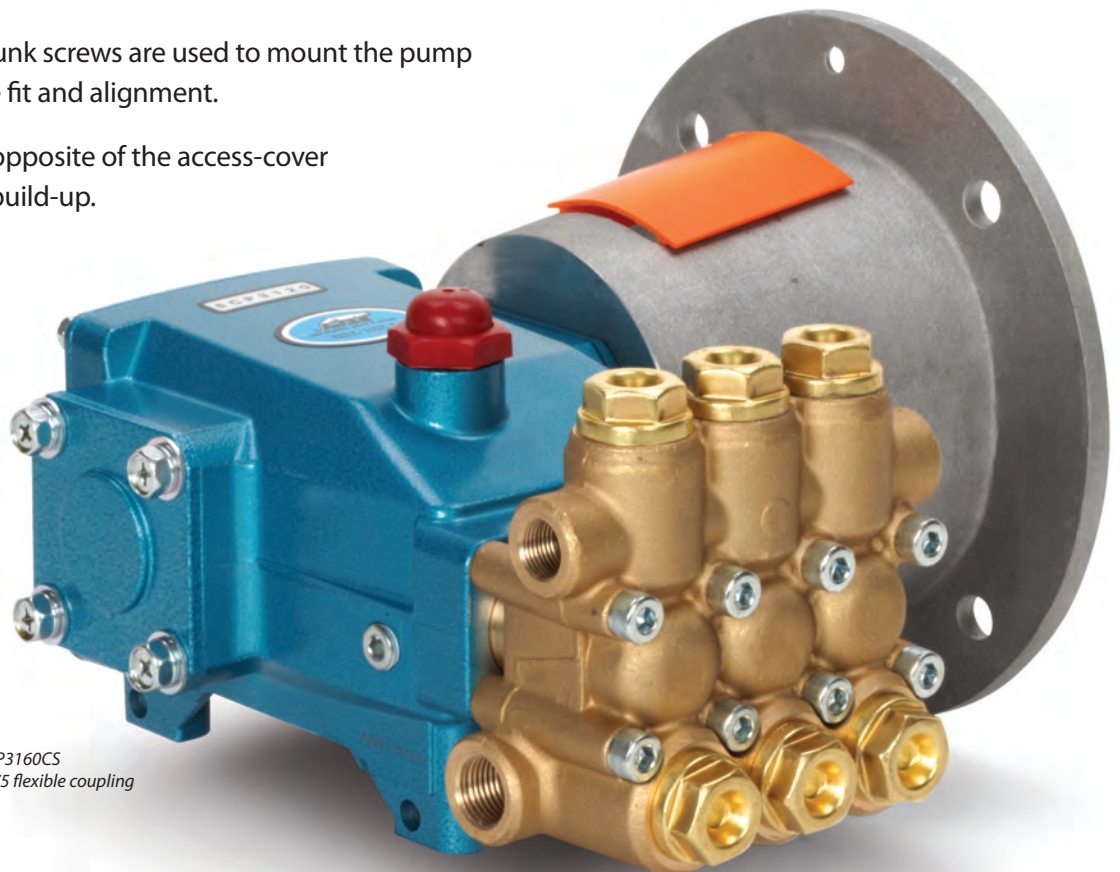
## Direct-Drive Electric Pressure Washer Pumps

The bell housing and flexible coupling drive assembly provides a reliable alternative to belt-drive pressure washers. This direct-drive solution offers a compact footprint and is also ideal with a Variable Frequency Drive (VFD).

The bell housing provides a secure alignment between the pump and motor. The flexible coupling provides a cushion during on/off cycles.

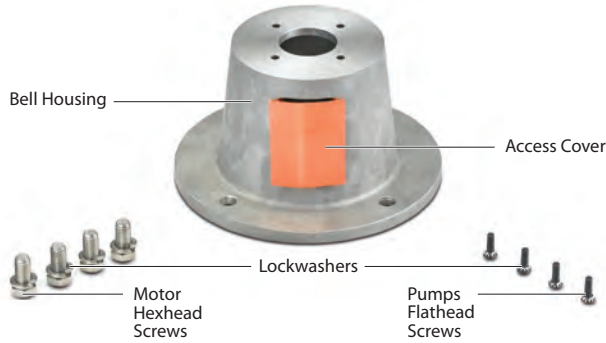
### Features:

- Mounts to any C-Face, 1750 rpm motor.
- Urethane spider is designed for high temperature and high rpm providing exceptional performance life.
- The coupler and spider ensures no metal-to-metal contact to prevent heat transfer and binding of motor and pump shaft.
- OSHA compliant orange access-cover for operator protection and flexible coupling spider inspection.
- Flat head counter sunk screws are used to mount the pump providing a positive fit and alignment.
- Drain hole located opposite of the access-cover prevents moisture build-up.

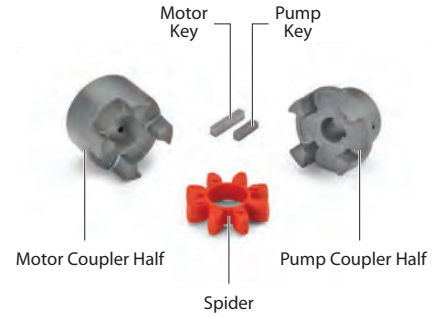


*New models 5CP3110CS and 5CP3160CS  
with 34424 bell housing and 8275 flexible coupling*

## Bell Housing Assembly Components



## Flexible Coupling Assembly Components



### Brass

Model	MAXIMUM FLOW gpm	MAXIMUM FLOW lpm	MAXIMUM PRESSURE psi	MAXIMUM PRESSURE bar	Electric Brake HP Calculation	Electric HP Required	Motor Frame	Flexible Coupling Assembly	Bell Housing Assembly
230	2.3	8.7	1500	105	2.4	3	182-184TC	8220	34126
240	3.6	13.6	1200	85	3	3	182-184TC	8220	34126
270	4.25	16	1000	70	2.9	3	182-184TC	8220	34126
340	4	15	1800	125	4.9	5	182-184TC	8230	34131
350	5	19	1450	100	5.0	5	182-184TC	8230	34131
3CP1120	4.2	15.9	2200	155	6.3	7.5	213TC	8270	*34423
3CP1130	2.4	9	2200	155	3.6	5	182-184TC	8225	34423
3CP1140	3.6	13.6	2200	155	5.4	7.5	213TC	8270	*34423
5CP2140WCS	4	15	2500	175	6.8	7.5	213TC	8275	*34424
5CP2150W	5	19	2000	140	6.8	7.5	213TC	8275	*34424
**5CP3110CS	3.6	13.6	3500	245	8.6	10	215TC	8275	*34424
5CP3120	4.8	18.1	3000	210	9.9	10	215TC	8275	*34424
**5CP3160CS	4.25	16	3400	235	9.9	10	215TC	8275	*34424
**5CP6190	9.7	36.7	1200	85	8	10	215TC	8275	*34424
7CP6110	10.5	40	2000	140	14.4	15	254TC	8380	*31570

### Stainless Steel

Model	MAXIMUM FLOW gpm	MAXIMUM FLOW lpm	MAXIMUM PRESSURE psi	MAXIMUM PRESSURE bar	Electric Brake HP Calculation	Electric HP Required	Motor Frame	Flexible Coupling Assembly	Bell Housing Assembly
231	2.3	8.7	1500	105	2.4	3	182-184TC	8220	34126
241	3.6	13.6	1200	85	3	3	182-184TC	8220	34126
271	4.25	16	1000	70	2.9	3	182-184TC	8220	34126
341	4	15	1800	125	4.9	5	182-184TC	8230	34131
351	5	19	1450	100	5.0	5	182-184TC	8230	34131
3CP1221	4.2	15.9	2000	140	5.8	7.5	213TC	8270	*34423
3CP1231	2.3	8.7	2000	140	3.2	5	182-184TC	8225	34423
3CP1241	3.6	13.6	2000	140	4.9	5	182-184TC	8225	34423
5CP6241CS	4	15	2000	140	5.5	7.5	213TC	8275	*34424
5CP6251	5	19	2000	140	6.8	7.5	213TC	8275	*34424
7CP6111	10.5	40	2000	140	14.4	15	254TC	8380	*31570

\* Adapter 990213 required for 213TC, 215TC & 254TC frame motors.

\*\* Available Fall, 2010

All calculations are based on maximum specifications of pump at direct-drive speed of 1750 RPM.

### CAT PUMPS

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