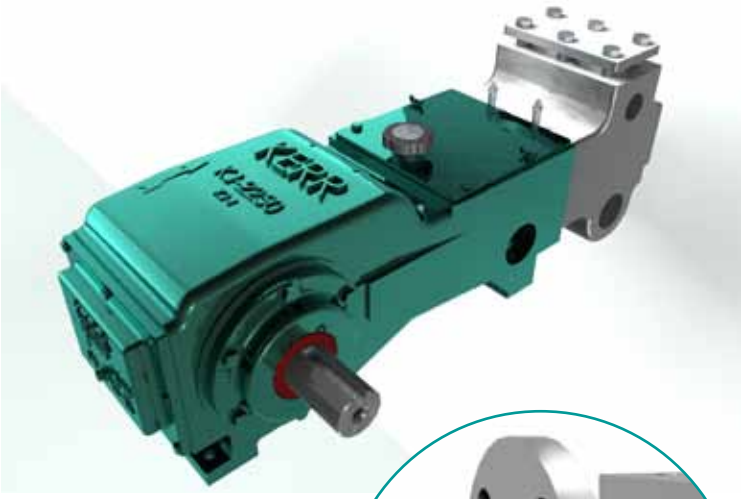
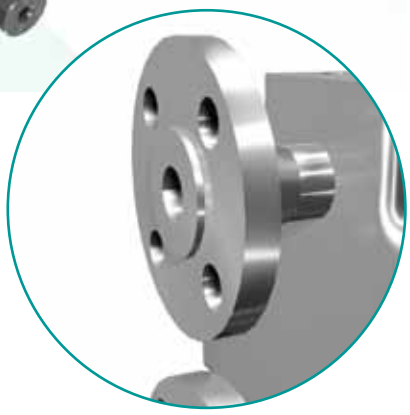
KJ-2250BC

22 BHP Duplex Plunger Pump

Intermittent Duty





(OPTIONAL DISCHARGE FLANGES)

SPECIFICATIONS

Configuration	Horizontal Duplex Plunger
Number of Plungers	2
Stroke Length	2.5" / 63.5 mm
Frame Load Rating	3,250 lbs
Fluid Cylinder Pressure Rating	3,600 PSI
Pump Weight (Avg.)	230 lbs / 105 kilos
Kerr Max Speed	430 RPM
Minimum Speed	100 RPM
Mechanical Efficiency (Bare Shaft)	80%
Lube System (Standard)	Splash - Gravity Feed
Lube System (Optional)	Force Feed
Lube Oil Capacity	3 quarts / 2.85 liters
Lube Oil Type	Petroleum per AGMA 5EP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100)
Connection Sizes	2" NPT Suction 1 1/4" NPT Discharge

FLUID END

Cast Carbon Steel (WCB)
Cast Nickel Aluminium Bronze (955)
Cast Stainless Steel CF8M (316)
Cast Duplex SS CD3MN (2205)
Forged Carbon Steel (A105)
Forged Stainless Steel (316)

VALVES

Disc Type / Seat (Max. 2,160 PSI)	*Wing Guided*
Delrin Disc / SS (316)	**Ni-Al-Brz (955) / Metal-to-Metal**
Delrin / Ni-Al-Brz (955)	**Monel / Metal-to-Metal**
Delrin / Duplex SS (CD4MCU)	**SS (316) / Metal-to-Metal**
SS (316) / SS (316)	**17-4 HT Metal-to-Metal**
Titanium / SS (316)	**SS (316) / AR Urethane Inserted**
PEEK / SS (316)	**17-4 HT / AR Urethane Inserted**

PLUNGERS

Colmonoy 730 Hard Coat
Solid Ceramic (2,160 Max. PSI)
Kerramic (Ceramic) Coated
Solid 316 Stainless Steel

* Consult Factory for Authorized Drawings for Dimensions
1) Displacement is based on 100% Volumetric Efficiency (VE)
2) Consult factory for operating speeds above maximum shown

KERR PUMPS

www.KerrPumps.com 800-441-8149
ISO 9001:2008 Compliant - API 674 Second Edition

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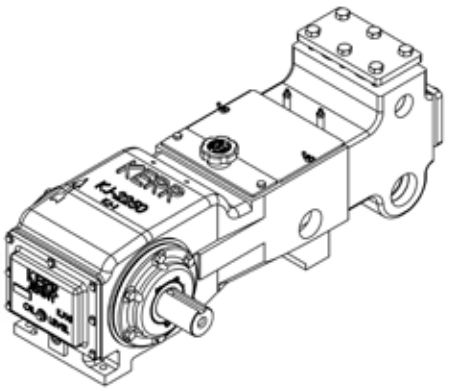

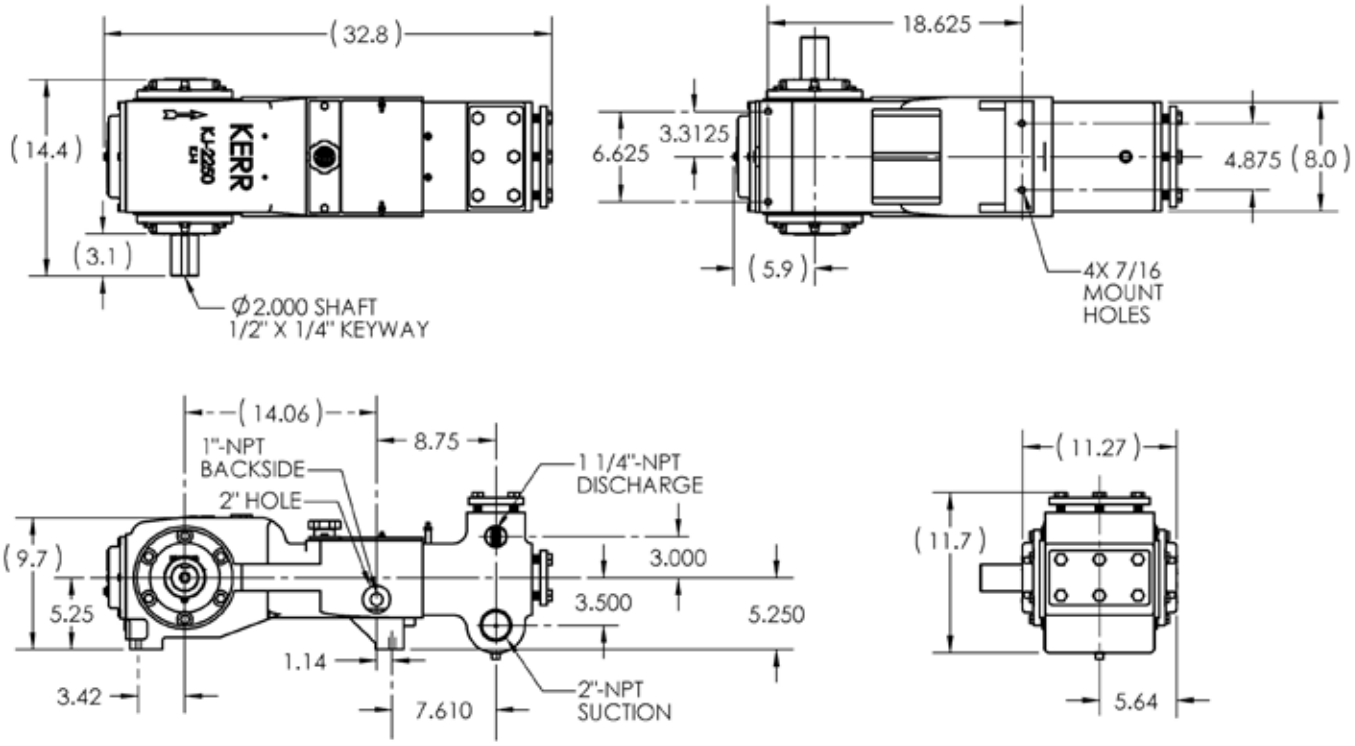

PLGR DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		**190 RPM**		230 RPM		**270 RPM**		310 RPM		**350 RPM**		390 RPM		**430 RPM**	
			GPM	**BPD**	GPM	BPD	**GPM**	**BPD**	GPM	BPD	**GPM**	**BPD**	GPM	BPD	**GPM**	**BPD**	GPM	BPD	**GPM**	**BPD**
1.250	2648	0.0266	2.7	91	4.0	137	5.0	173	6.1	210	7.2	246	8.2	282	9.3	319	10.4	355	11.4	392
1.500	1839	0.0382	3.8	131	5.7	197	7.3	249	8.8	302	10.3	354	11.9	407	13.4	459	14.9	512	16.4	564
1.750	1351	0.0521	5.2	179	7.8	268	9.9	339	12.0	411	14.1	482	16.1	554	18.2	625	20.3	696	22.4	768
2.000	1035	0.0680	6.8	233	10.2	350	12.9	443	15.6	536	18.4	630	21.1	723	23.8	816	26.5	910	29.2	1003

* Consult Factory for Authorized Drawings for Dimensions
1) Displacement is based on 100% Volumetric Efficiency (VE)
2) Consult factory for operating speeds above maximum shown