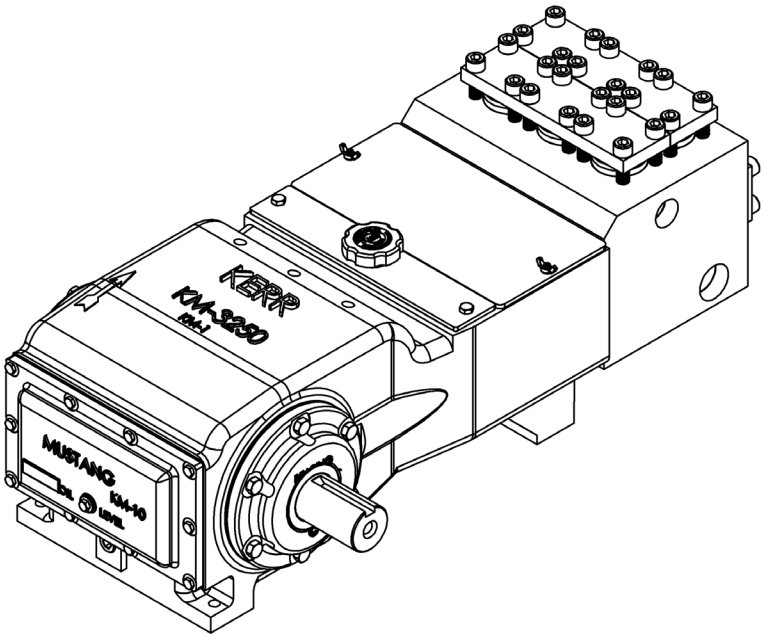
KM-3300BCB

38.5 BHP Triplex Plunger Pump

Intermittent Duty



KM-3250BCB - RH

SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	3” / 76.2 mm
Frame Load Rating	3,250 lbs
Fluid Cylinder Pressure Rating	15,000 PSI
Pump Weight (Avg.)	340 lbs / 155 kilos
Kerr Max Speed	470 RPM
Minimum Speed	100 RPM
Mechanical Efficiency (Bare Shaft)	90%
Lube System (Standard)	Splash - Gravity Feed
Lube System (Optional)	Force Feed
Lube Oil Capacity	4 quarts / 3.785 liters
Lube Oil Type	Petroleum per AGMA 5EP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100)
Connection Sizes	$1\frac{1}{4}$” NPT Suction 1” NPT Discharge

FLUID END

Forged Carbon Steel (A105)
Forged Stainless Steel (316)
Other materials available on request

VALVES

Ball Valve / Seat Material	
Stanalloy / Stanalloy (440 SS)	
Sheralloy / Sheralloy (Cobalt Base)	

PLUNGERS

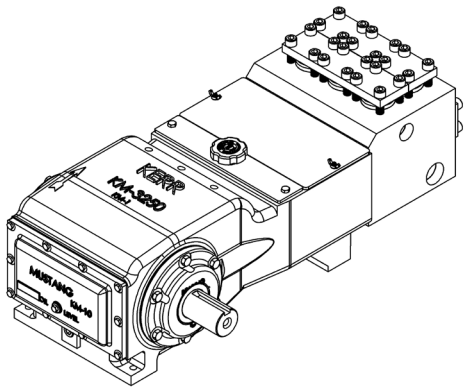
Colmonoy 730 Hard Coat
Solid Ceramic (2,160 Max. PSI)
Kerramic (Ceramic) Coated
Solid 316 Stainless Steel

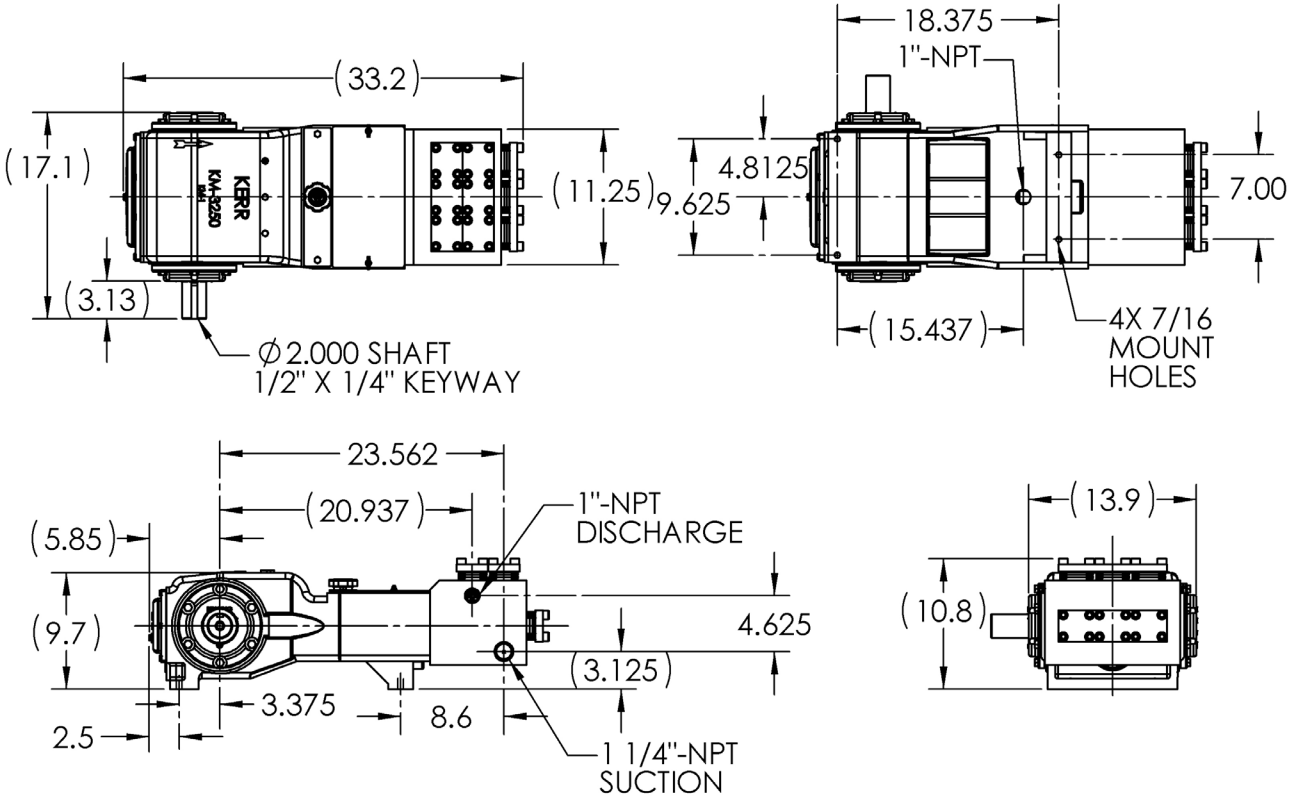
* Consult Factory for Authorized Drawings for Dimensions
1) Displacement is based on 100% Volumetric Efficiency (VE)
2) Consult factory for operating speeds above maximum shown
3) 1 US gallon = 3.78541 liters

KM-3300BCB

38.5 BHP Triplex Plunger Pump

Intermittent Duty





PLGR DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		155 RPM		**200 RPM**		245 RPM		**290 RPM**		335 RPM		**380 RPM**		425 RPM		**470 RPM**	
			GPM	**BPD**	GPM	BPD	**GPM**	**BPD**	GPM	BPD	**GPM**	**BPD**	GPM	BPD	**GPM**	**BPD**	GPM	BPD	**GPM**	**BPD**
0.625	10593	0.0120	1.2	41	1.9	64	2.4	82	2.9	100	3.5	119	4.0	137	4.5	156	5.1	174	5.6	193
0.750	7357	0.0172	1.7	59	2.7	92	3.4	118	4.2	145	5.0	171	5.8	198	6.5	224	7.3	251	8.1	277
0.875	5405	0.0234	2.3	80	3.6	125	4.7	161	5.7	197	6.8	233	7.8	269	8.9	305	10.0	342	11.0	378
1.000	4138	0.0306	3.1	105	4.7	163	6.1	210	7.5	257	8.9	304	10.3	352	11.6	399	13.0	446	14.4	493
1.250	2648	0.0478	4.8	164	7.4	254	9.6	328	11.7	402	13.9	476	16.0	549	18.2	623	20.3	697	22.5	771

* 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

3) 1 US gallon = 3.78541 liters