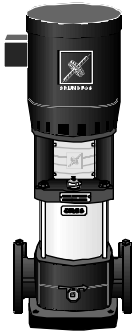


Submittal Data

3450 RPM^②

60 Hertz



JOB or CUSTOMER:	
ENGINEER:	
CONTRACTOR:	
SUBMITTED BY:	DATE:
APPROVED BY:	DATE:
ORDER NO:	DATE:
SPECIFICATION REF:	

QUANTITY	TAG NO.	MODEL NO.	GPM	FEET	VOLT	PHASE	COMMENTS

"STACK" KIT P/N:

SEAL & GASKET KIT P/N:

Dimensions

Allow Space for Motor Removal

3/4" NPT Priming Port

1/4" NPT Gauge Tap

4" Flanged Suction Connection

4" Flanged Discharge Connection

Drain Plug

Base Dimensions

(4) 9/16" Holes 14mm

Technical Data

(based on airfree water at 68°F [20°C])

MIN. FLOW RATE: 40 U.S. GPM

FLOW RANGE: 40 - 425 U.S. GPM

MOTORS: ODP (Standard), TEFC (Optional)

TEMPERATURE RANGE: 5° - 250°F (-15° - 121°C)

FLANGES:
 Models 20 - 50: 4" ANSI 125 lb. F.F., 8 Bolt
 60 - 80: 4" ANSI 250 lb. R.F., 8 Bolt

MAX. WORKING PRESSURE (at 250°F):
 Models 20 - 50: 230 PSI (16 Bars)
 60 - 80: 340 PSI (23.5 Bars)

(Consult Grundfos for maximum working pressures at lower fluid temperatures.)

MAX. INLET PRESSURE:
 20 - 80: 145 PSI (10 Bars)

Motors are Rated

Flange Dimensions

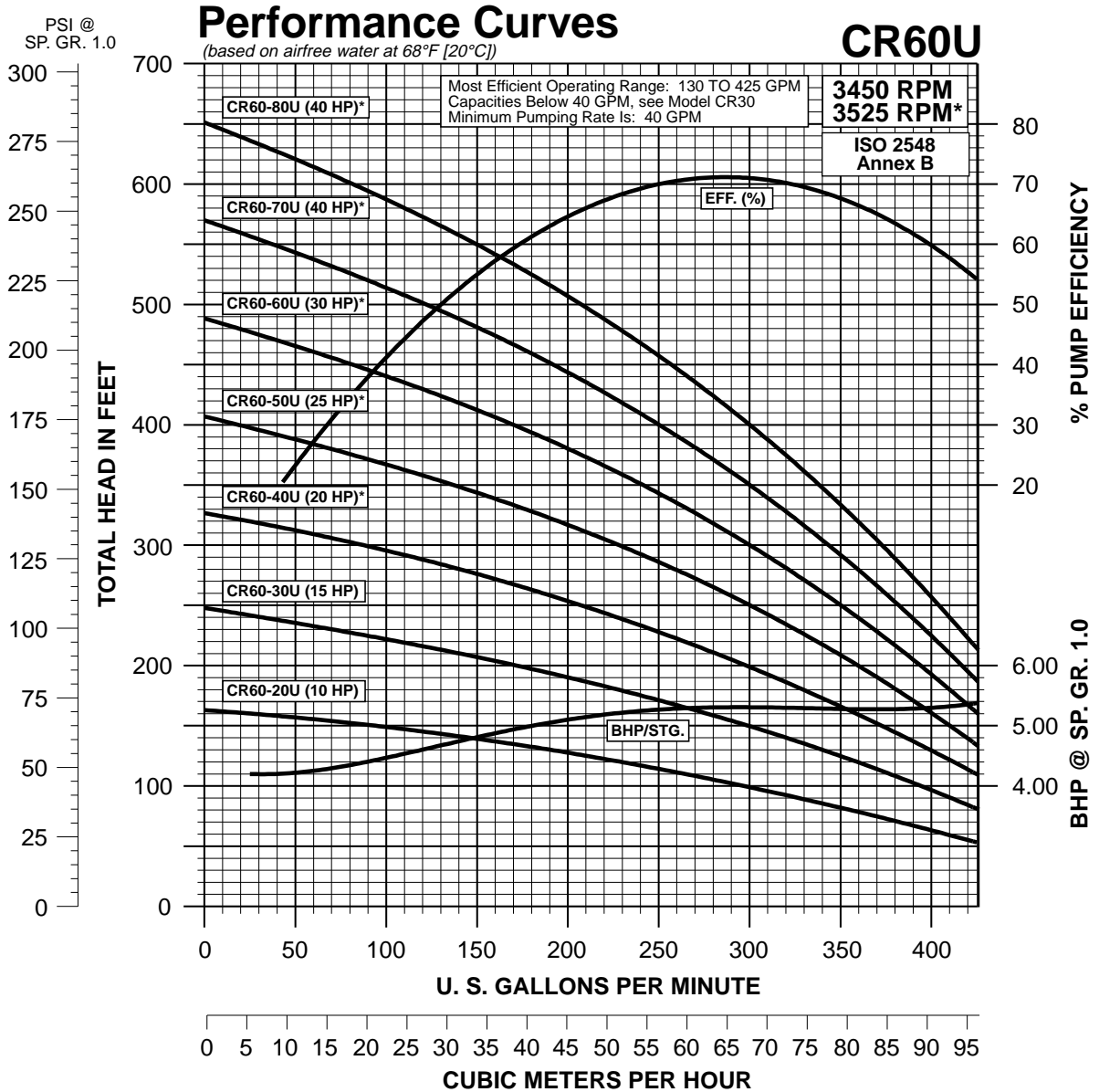
4" ANSI 125 lb., 8 Bolt
CR60-U (2 to 5 Stages)

4" ANSI 250 lb., 8 Bolt
CR60-U (6-8 Stages)

Electrical Data, Dimensions, and Weights^①

Pump Type	HP	Motor S.F.	Ph	Volts	NEMA Frame Size	DIMENSIONS IN INCHES						Net Wt. (Lbs.)	Ship. Wt. (Lbs.)	Ship. Vol. (Cu. Ft.)		
						Disc. Size	Suc. Size	Motor Height	A	B	C				D ₁	D ₂
CR60-20U	10.0	1.15	1	230	215TC	4	4	16 3/4	5 1/2	26 1/4	43 1/2	10 1/8	7 1/2	289	311	15
	10.0	1.15	3	208-230/460	215TC	4	4	15 5/8	5 1/2	26 1/4	41 1/8	9 1/2	7 3/8	252	274	10
CR60-30U	15.0	1.15	3	208-230/460	254TC	4	4	15 7/8	5 1/2	30	45 7/8	10 1/4	7 3/8	268	290	10
CR60-40U	20.0	1.15	3	230/460	284TSC	4	4	21 1/8	5 1/2	33 3/4	54 7/8	11 1/2	9	376	398	20
CR60-50U	25.0	1.15	3	230/460	286TSC	4	4	21 1/8	5 1/2	37 1/2	58 5/8	11 1/2	9	390	412	20
CR60-60U	30.0	1.15	3	230/460	286TSC	4	4	22 1/8	5 1/2	41 1/4	63 3/8	11 1/2	9	441	463	26
CR60-70U	40.0	1.15	3	230/460	286TSC	4	4	21 3/8	5 1/2	46	67 3/8	13 1/4	12 1/4	619	729	26
CR60-80U	40.0	1.15	3	230/460	286TSC	4	4	21 3/8	5 1/2	49 1/8	70 1/4	13 1/4	12 1/4	630	740	26

NOTE: ^①Above data for Baldor ODP motors. ^②3525 RPM on 20 HP and larger motors.



Materials of Construction

DESCRIPTION	MATERIAL
Suction/Discharge Base, Motor Stool, Couplings & Seal Carrier	Cast Iron
Impellers, Intermediate Chambers, Spacing Pipes, Outer Sleeve, Priming Valve, Suction Interconnector, Impeller Seal Rings & Coupling Guards	AISI 304 SS
Pump Shaft	AISI 304 SS
O-Ring Type Shaft Seal (Optional: Bellows Type Shaft Seal, Carbon/Tungsten Carbide, EPDM & FPM)	
- Stationary Face	Tungsten Carbide
- Rotation Face	Tungsten Carbide
- O-Rings	EPDM (FPM Optional)
- Upper and Lower Drivers	AISI 304 SS
- Spring	AISI 304 SS
Intermediate Chamber Bearings	Leadless Tin Bronze
Intermediate Bearing Journals	Tungsten Carbide
O-Rings	EPDM (FPM Optional)
Outer Sleeve Gaskets	Non-Asbestos Fiber
Air Vent Plug	Bronze*

NOTES: EPDM - Ethylene Propylene Rubber *Steel or Stainless Steel - optional
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Recommended Spare Parts: Stack Kit & Shaft Seal/Gasket Kit

NPSH Curve

