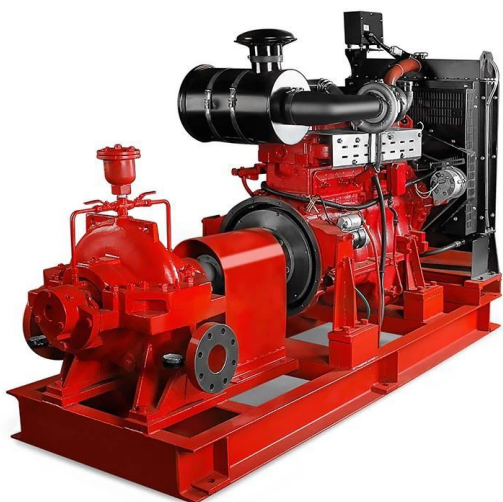




Horizontal Split Case Pump

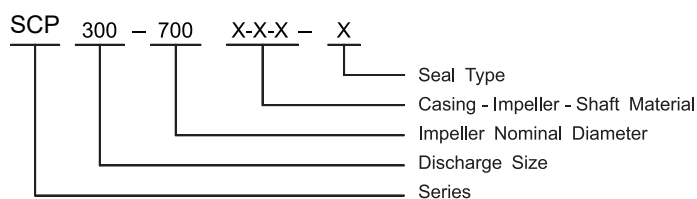


SCP SPLIT CASE PUMP

Description & Features

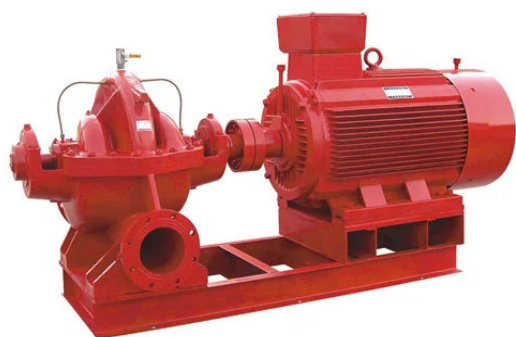
split casing pumps are designed with double suctions. This kind of pumps are of high flow rate, high efficiency, stable operation, low noise and long service life, easy to install and maintain. Widely used in plant, mine, city water supply, irrigation, HVAC and vessel industry.

Model Instruction:



Material Code

C: Cast Iron	S304: ASTM 304
Q: Ductile Iron	S316: ASTM 316
B: Brass	Seal Type:
S: ASTM 420	M: Mechanical Seal
45: ASTM 1045	P: Gland Packing



Design & Structure

Design	Performance referring to GB/T5657-95, Q/ FZEF 001-2014 Standard
Structure	Single-Stage, Double-Suction, Split-Casing
DN (mm)	80~400
Flange	DIN2501 PN16 GB / T17241.6 PN1.6

Material

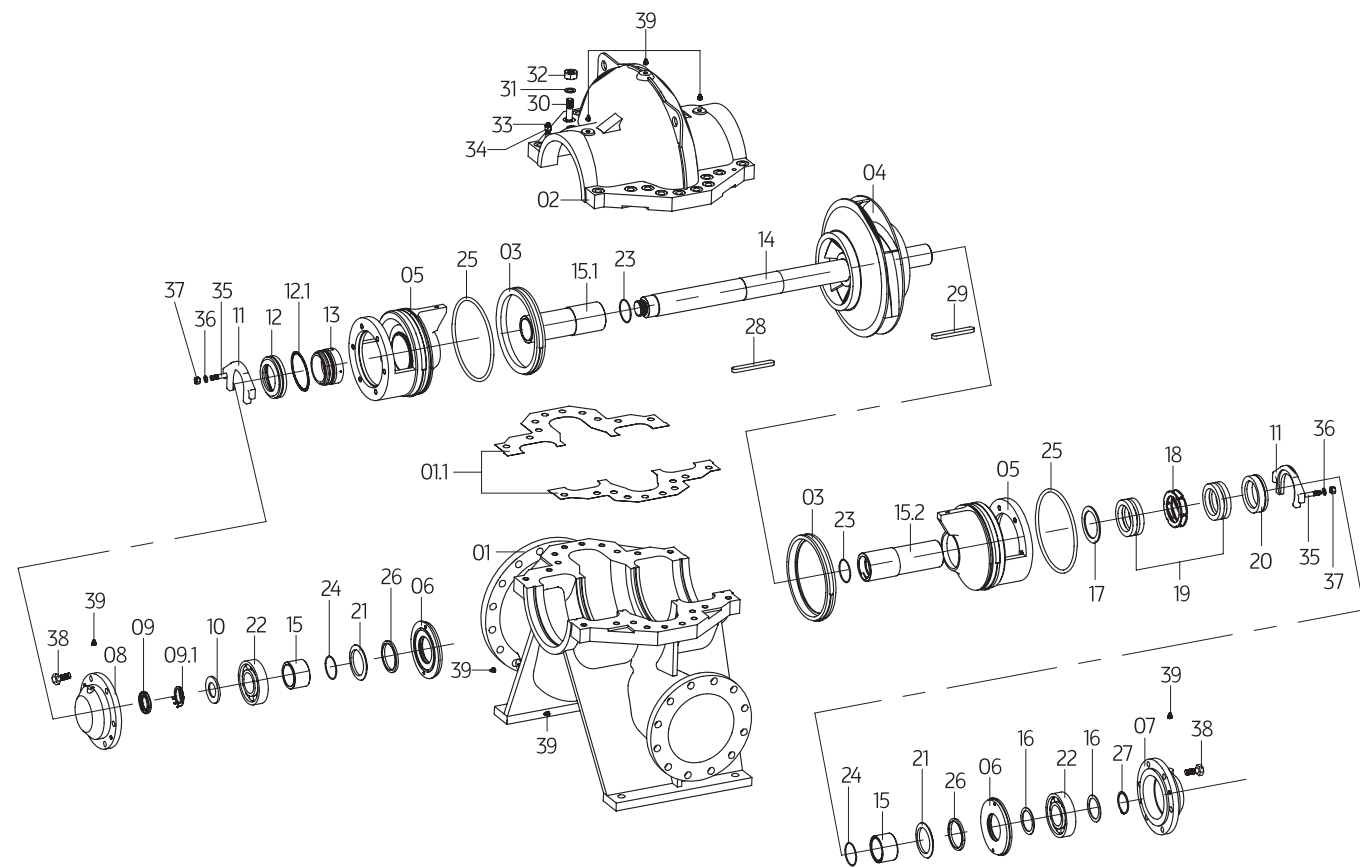
Part	Standard Material	Options on request
Casing	Cast Iron	Ductile Iron
Impeller	Brass	Cast Iron / ASTM304(CF8) / ASTM316(CF8M)
Shaft	ASTM1045	ASTM304 / ASTM316 / ASTM420
Shaft Seal	Mechanical Seal	Gland Packing

Applications

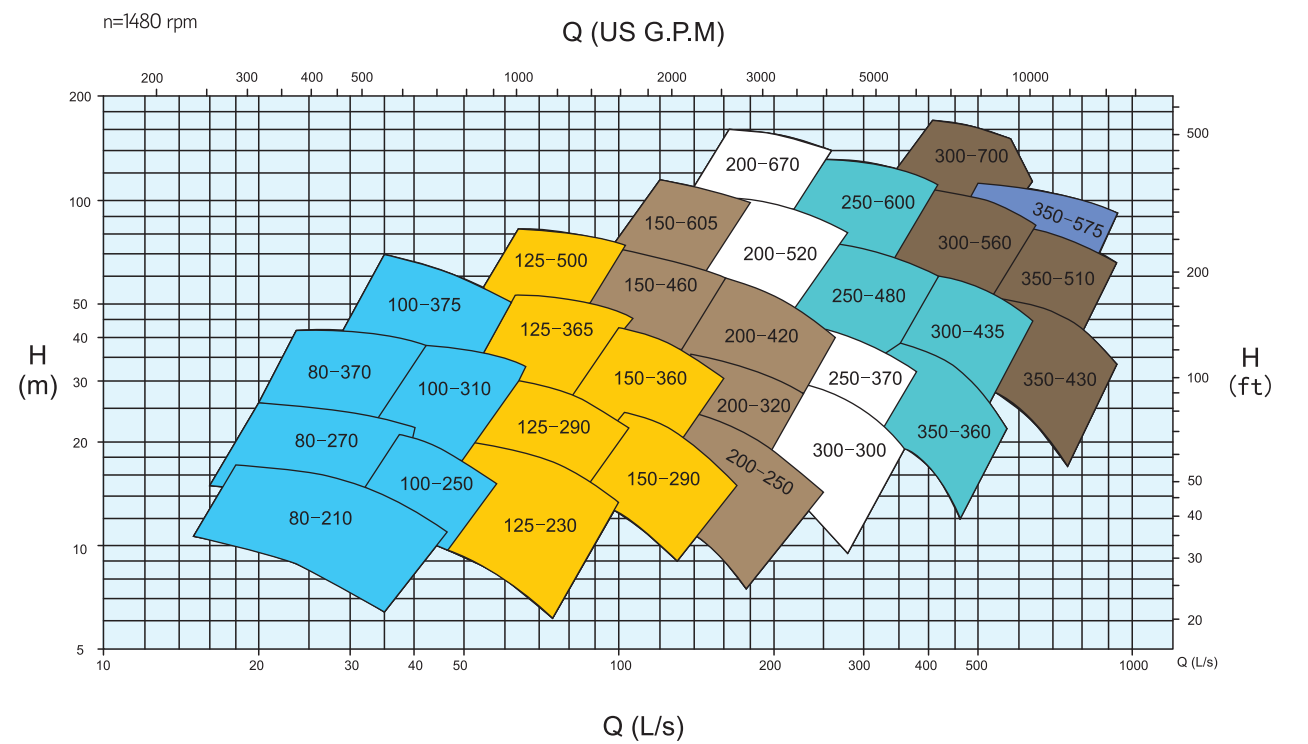
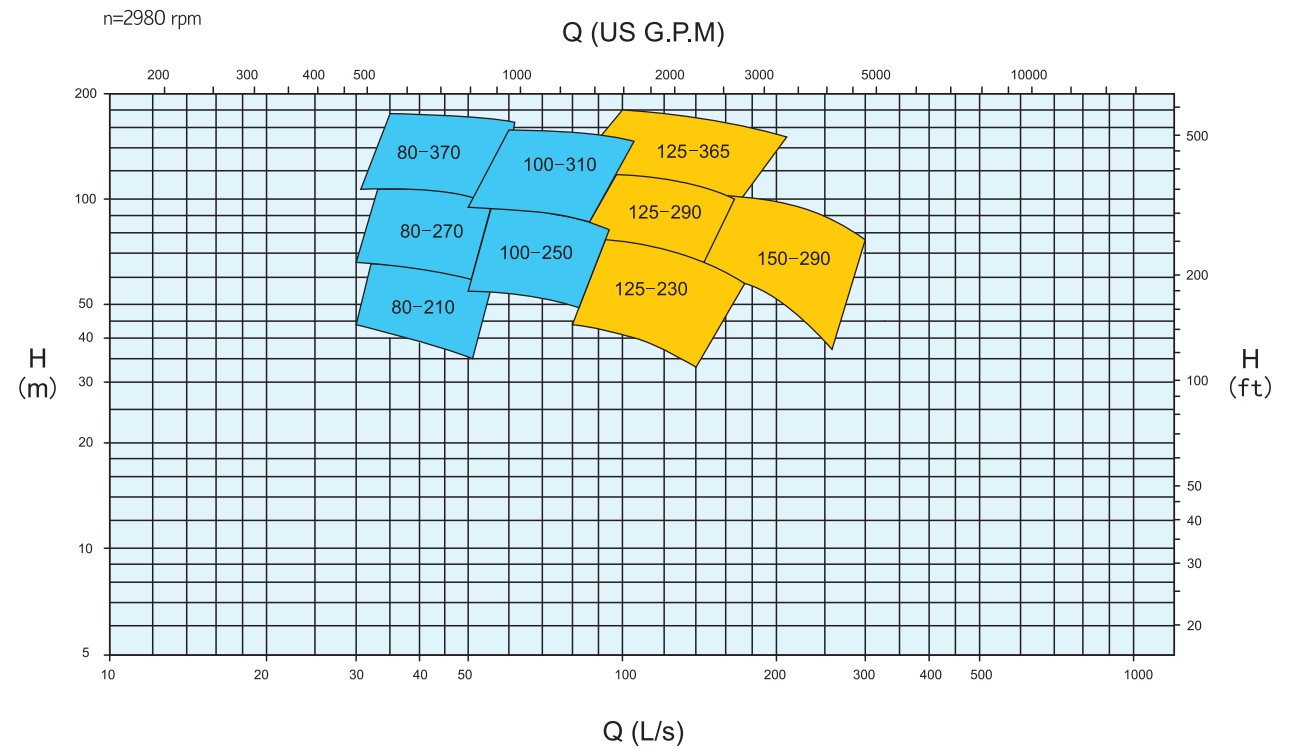
- HVAC and Cooling Tower
- Municipal Water Supply
- Pump Station
- Marine and Ship Building
- Power Plant / Water Plant
- Industrial water supply system
- Fire Fighting System

Operating Data

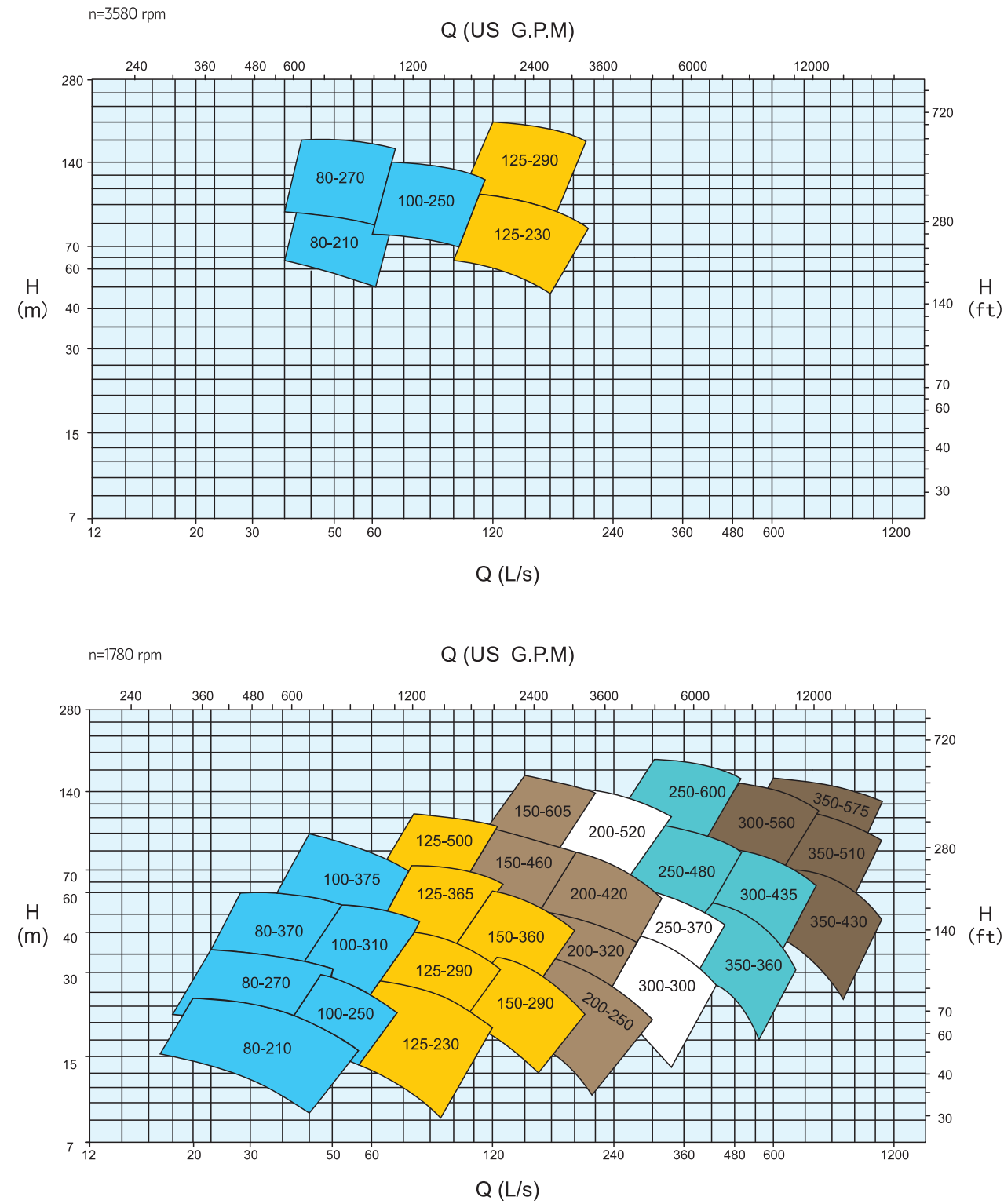
Flow Rate(Q)	36~3400m ³ /h
Head(H)	8~190 m
Speed	1480 or 2980 rpm (50Hz) / 1780 or 3580 rpm (60Hz)
Max Temperature	85°C(standard) ; 105°C(on request)
Working Pressure	1.6MPa(standard) ; 2.5MPa(on request)
Conveying Medium	Clean water or liquids similar to clean water in physical property



Code	Part Name	Code	Part Name	Code	Part Name
01	Casing-Bottom	13	Mech. Seal	26	Felting
01.1	Casing Gasket	14	Shaft	27	External Circlips
02	Casing-Top	15	Shaft Sleeve-Short	28	Key
03	Wear Ring	15.1	Shaft Sleeve	29	Key
04	Impeller	15.2	Packing Shaft Sleeve	30	Screw Bolt
05	Seal Frame	16	Bearing Seal Plate	31	Spring Washer
06	Bearing Cover	17	Packing Seal Plate	32	Screw Nut
07	Bearing Frame-Driving End	18	Lantern Ring	33	Pin
08	Bearing Frame-Non-driving End	19	Gland	34	Screw Nut
09	Screw Nut	20	Packing Cover	35	Screw Bolt
09.1	Lock Washer for Nut	21	Slinger	36	Flat Gasket
10	Bearing Slinger	22	Ball Bearing	37	Screw Nut
11	Seal Plate	23	O-ring	38	Screw Bolt
12	Seal Cover	24	O-ring	39	Plug
12.1	Seal Cover Gasket	25	O-ring		



Series-60Hz Performance





INTERNATIONAL PUMPING SYSTEM - IPS PUMP

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